

FACHKRÄFTE

CV BOOK

INFORMATION TECHNOLOGY



FACHKRÄFTE AFRIKA BY AHK TUNISIA

INTRODUCTION

The Fachkräfte Afrika project, led by AHK Tunisia, is a strategic response to Germany's increasing need for skilled workers. By facilitating the legal and sustainable migration of qualified professionals from Tunisia, the project supports both the German labor market and the aspirations of talented young Tunisians. Through this initiative, we aim to not only bridge labor market gaps but also to strengthen the partnership between Germany and Tunisia, fostering mutual development and opportunity. The candidates featured in this CV book are highly motivated, well-trained, and carefully selected to meet the expectations of German employers. They represent the quality, potential, and readiness that this project strives to deliver.



OBJECTIVES

1. MEET THE NEEDS OF GERMAN COMPANIES :

To connect German businesses with highly qualified Tunisian professionals by providing tailored recruitment services that ensure an optimal match between company needs and candidate profiles.

2. ENHANCE THE EMPLOYABILITY OF TUNISIAN TALENT :

To prepare young professionals in Tunisia for the German labor market through targeted training, upskilling, and intercultural preparation, supporting their successful integration and long-term career growth in Germany.

Firas Gam

Project Manager, Fachkräfte – AHK Tunisia

f.gam@ahktunis.org

LIST OF CANDIDATES

DATA, AI & MACHINE LEARNING	ICT, CYBERSECURITY & INFRASTRUCTURE & MANAGEMENT	SOFTWARE & WEB DEVELOPMENT & EMBEDDED SYSTEMS
<u>Kand25_017</u>	<u>Kand25_027</u>	<u>Kand25_115</u>
<u>Kand25_018</u>	<u>Kand25_002</u>	<u>Kand25_001</u>
<u>Kand25_029</u>	<u>Kand25_005</u>	<u>Kand25_003</u>
<u>Kand25_030</u>	<u>Kand25_012</u>	<u>Kand25_006</u>
<u>Kand25_031</u>	<u>Kand25_015</u>	<u>Kand25_007</u>
<u>Kand25_033</u>	<u>Kand25_016</u>	<u>Kand25_008</u>
<u>Kand25_034</u>	<u>Kand25_019</u>	<u>Kand25_009</u>
<u>Kand25_035</u>	<u>Kand25_020</u>	<u>Kand25_010</u>
<u>Kand25_036</u>	<u>Kand25_024</u>	<u>Kand25_011</u>
<u>Kand25_077</u>	<u>Kand25_025</u>	<u>Kand25_013</u>
<u>Kand25_078</u>	<u>Kand25_026</u>	<u>Kand25_014</u>
<u>Kand25_088</u>	<u>Kand25_032</u>	<u>Kand25_021</u>
<u>Kand25_089</u>	<u>Kand25_037</u>	<u>Kand25_022</u>
<u>Kand25_091</u>	<u>Kand25_081</u>	<u>Kand25_023</u>
<u>Kand25_092</u>	<u>Kand25_082</u>	<u>Kand25_028</u>
<u>Kand25_094</u>	<u>Kand25_083</u>	<u>Kand25_072</u>
<u>Kand25_095</u>	<u>Kand25_085</u>	<u>Kand25_079</u>
<u>Kand25_106</u>		<u>Kand25_080</u>
<u>Kand25_105</u>		<u>Kand25_087</u>
		<u>Kand25_090</u>
		<u>Kand25_111</u>



DATA, AI & MACHINE LEARNING



Candidate ID :
Kand25_017

IT Sector

Software Engineer / Full Stack Developer

Technical Skills

- **Programming Languages:** Java, C, C++, Python, PHP, JavaScript
- **Backend Frameworks:** Spring Boot, Flask, Laravel, Node.js
- **Frontend Frameworks:** Vue.js, React.js, Angular
- **Mobile Frameworks:** Android, Ionic
- **Database:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
- **Devops:** CI/CD, Git, Heroku, Jenkins, Docker, K8S, Helm
- **Cloud Platforms:** Microsoft Azure

Professional Experience

Full Stack Engineer | Remote work Mapal Group (FR)

July. 2024 - Present

- Contributed to the development of new functionalities for the restaurant ERP 'Easily's' by preparing backend APIs using PostgreSQL and JavaScript, integrating them with a frontend built in Vue.js, and writing unit tests with Mocha.

Full Stack & Devops Engineer Harington

February. 2023 - June. 2024

- Contributed to the open-source 'leto-modelizer' low-code tool by developing plugins with JavaScript, Vue.js, and libraries like Antr and Nunjucks, implementing parsers and renderers, writing unit tests with Jest, and managing CI/CD with Docker, Jenkins, Helm, Kubernetes and Azure.

Full Stack Developer Elitech

June. 2022 - January. 2023

- Designed and developed a corporate website and CMS using Node.js, React.js, Express.js, and MongoDB, deployed via GitLab CI, Heroku, and OVH Cloud, improved SEO to boost client acquisition, and documented APIs using Swagger for maintainability.

Languages

German : A1

English : B2

French : B2

Arabic : Native Language

Certifications

- AI objective: learn about artificial intelligence (2022) AI objective: learn about artificial intelligence (2022)
- CCNA1 (2022)
- MTA in database administration fundamentals: id-duos-dthb (2019)

Education / Professional Training

National Diploma in Computer Engineering: Software development Engineering

From 10/2020 to 10/2023

Higher Institute of Computer Science (ISI)

Bachelor's Degree: Software Development Engineering

From 09/2017 to 07/2020

Higher Institute of Computer Science of Mahdia

Volunteering Experience

Radio web host

From 2014 to 2020

Preparing and hosting sports programs.

Motivation

I am a passionate Full Stack and DevOps engineer eager to contribute to innovative projects in Germany. With experience in modern frameworks, CI/CD, and cloud platforms, I am motivated to grow professionally, integrate into a collaborative team, and continue improving my German language skills.



Candidate ID :
Kand25_018

Machine Learning & Information Technology

Machine Learning Engineer / Deep Learning Engineer



Deutsch-Tunesische Industrie- und Handelskammer
الجمعية التونسية للتجارة والصناعة
Chambre Tuniso-Allemande de l'Industrie et du Commerce

Gefördert durch:



aufgrund eines Beschlusses des Deutschen Bundestages

- **Natural Language Processing (NLP):** Transformers (Hugging Face), Named Entity Recognition (NER), Text Classification, Prompt Engineering.
- **Agents & LLMs:** LangChain, Unsloth, OpenAI API, Retrieval-Augmented Generation (RAG), LLM Fine-Tuning.
- **Core ML/DL Tools:** TensorFlow, Transformers, Keras, Scikit-learn
- **Data Science & Manipulation:** Pandas, NumPy, Matplotlib, Seaborn

Professional Experience

Machine Learning Consultant 09/2023 – Present
Talan – Tunisia

- Led a research-backed project aimed at translating low-resource languages using fine-tuned transformers.
- Built a secure LLM proxy for real-time NER-based PII masking, lowering compliance risk.
- Developed multiple AI agents across projects, including SQL query generation, client reference management, and internal resource coordination

AI Engineer 01/2022 – 04/2022
Sofia Tech – Tunisia

- Designed and deployed a deep learning model for real-time climate forecasting based on IoT sensor data.
- Integrated Raspberry Pi sensors with a cloud pipeline using Kafka, InfluxDB, and Grafana for real-time data visualization.

Part-Time Data Engineer 09/2021 – 06/2022
Nextav – Tunisia

- Automated satellite image preprocessing into LiDAR-compatible datasets.
- Built a production-ready pipeline for urban planning and environmental monitoring.

Education / Professional Training

Embedded Telecommunications engineer's degree 2020 – 2023
National School of Engineers of Sousse (ENISO), Sousse

Preparatory Cycle, Maths & Physics 2018 – 2020
Preparatory Institute for Engineering Studies of El Manar (IPEIEM), Tunis

Mathematics Baccalaureate 2017 – 2018
Lycee Farhat Hached Bizerte

Languages

German : A1

English : B2

French : B1

Arabic : Native Language

Certifications

- LangChain for LLM Application Development - 2025
- AI Agents in LangGraph -2025
- TensorFlow: Advanced Techniques Specialization - 2021
- TensorFlow Developer Certificate - 2020
- Machine Learning with Python – IBM -2020
- Machine Learning – Stanford University (Andrew Ng)-2020
- Getting Started with Deep Learning – NVIDIA DLI - 2022

Motivation

I am eager to join the German IT sector, known for its innovation, precision, and high standards. Working in such an environment will allow me to apply my AI expertise to real-world projects, grow professionally, and contribute to impactful technological solutions.



Candidate ID : Kand25_029

Artificial Intelligence

Machine Learning Engineer / Data
Scientist

Machine Learning

Supervised, Unsupervised, Reinforcement Learning.

Deep Learning

Neural Networks, CNNs, RNNs.

Data Science & Analysis

- Business Intelligence: ETL, ELT Transformations & Data Visualization.
- Data Handling

Programming Languages

Python, Java, C, PHP.

Softwares

Talend, Jupyter, Tableau, PowerBI, Postman, MySQL Workbench.

Professional Experience

Machine Learning Engineer

Jul 2023 - Present

MK Digital Move

- Developed ML models (Dijkstra, Random Forest) reducing trip times by 7 mins across 250 weekly rides.
- Enhanced demand forecasting with time series analysis, improving taxi availability accuracy by 14%.
- Maintained and upgraded system using Python, Scikit-learn, and SQL for 2 years refining pipelines and models.

Machine Learning Engineer Intern

Feb 2023 – May 2023

Tunisie Telecom

- Researched multi-agent systems using Q-Learning, SARSA, and DQN to manage disaster area coverage.
- Achieved 95% obstacle avoidance and accurate IoT data retrieval.
- Evaluated performance across convergence, exploration/exploitation, reward metrics, UAV load, and execution time.

Data Scientist Intern

Jul 2022 – Sep 2022

REM4U

- Developed scraping pipelines and API integrations (Python, Postman) to extract 5K+ data points.
- Streamlined data cleaning with Talend, boosting model accuracy by 8%.
- Deployed Django web app using PythonAnywhere.

Languages

German : A1

English : C1

French : B2 – Certified (DELF)

Arabic : Native Language

Certifications

- AWS Certified Machine Learning – Specialty
In Progress
- Intercultural Soft Skills Training
2025

Education / Professional Training

National diploma of engineer in Computer Science Engineering

Sep 2018 – Jul 2023

University Polytechnique of Sousse

Baccalaureate Degree

Sep 2014 – Jun 2018

Taher Sfar High School

Volunteering Experience

- **Logistics Manager** at Microsoft Polytechnique Sousse
Oct 2021 – Dec 2022
- **Active Member** at PolyRobots Club
Sep 2019 – Jun 2022

Motivation

I'm passionate about Germany's AI ecosystem, known for its ethical innovation and technical excellence. I deeply admire the country's culture and precision-driven work environment. I'm eager to contribute my machine learning skills and grow within its forward-thinking industry.



Candidate ID :
Kand25_030

Computer Science

Game developer / Web Developer

- **Game Development:**
 - C++/C#/Blueprint VPL
 - Unreal Engine 5.*
 - Unity
 - Blender 3D
- **Web Development:**
 - HTML/CSS/JavaScript
 - Mango DB
 - Express.js
 - React
 - Node.js
 - Tailwind CSS
- **General Tools:**
 - Github/SVN

Professional Experience

Game Developer (Remote)

1 Year

Mimic Productions (Berlin)

- Combined different APIs & software to innovate in the AI chatbot field.
- Introduced new features to the AI Chatbot.
- Improved performance in both voice recognition and response time.
- Recreated paid functions and saved the company approx 600/1000 euros per month expenses

Game Developer Internship at Mimic Productions (Remote)

6 Months

Mimic Productions (Berlin)

- Designed a 3D AI Chatbot
- Developed a modular character customization system to change between 3D assets
- Implemented designed features into the 3D AI Chatbot (including but not limited to: Emotions system / Spontaneous reactivity / Actions & Reactions system)

Languages

German : A1

English : C2

French : C1

Arabic : Native Language

Projects

- **Cursed Lands (Personal Project):**
A Single Player, Beat'em Up style video game developed using Unreal Engine 5.1, a personal project to showcase combat system made from scratch, including a targeting system, attacking and blocking, AI Behavior more ..
- **Joka's Game (Academic Project):**
A 3D Co-op vs Player Video Game about puzzle solving

Education / Professional Training

National Engineering Diploma in Software Development

From 15/09/2019 to 05/06/2023

Ecole Sup Privée d'Ingénierie et de Technologies

Bachelor's Degree in Mathematics

From 01/09/2015 to 10/07/2018

Menzah 6 Highschool

Motivation

Passion and love for the digital world which I was introduced to since a very young age, and here I am today determined to be amongst the best at what I do.



Candidate ID :
Kand25_031

Data Science

ML Engineer / Data Scientist

Programming Languages:

- Python, SQL (Oracle, PostgreSQL), C/C++, Java, HTML, CSS, JavaScript, Shell Scripting

Frameworks and Libraries:

- Pandas, NumPy, PySpark, Scikit-Learn, PyTorch, Keras, TensorFlow, OpenCV, LangChain, MONAI Core, Hugging Face, Next.js, React

Tools and Technologies:

- Git/GitHub, Docker, MLflow, Jupyter Notebook, OpenAI API, Google Gemini API, Windows, Linux

Professional Experience

Deep Learning and Computer Vision Intern *Mar. 2023 – Jan. 2024*
 L3S, ENIT

- Designed a novel deep learning model with attention mechanisms, adapted for pancreas segmentation in CT scans to improve localization and diagnostic accuracy in a Pancreatic Lesions CAD system.
- Incorporated efficient methodologies to optimize performance within hardware constraints.
- Achieved state-of-the-art results in pancreas segmentation, demonstrating robust performance with average metrics: Dice Similarity Coefficient (89.17%), Precision (91.79%), and Recall (87.51%).

IoT Engineering Intern *Jul. 2022 – Aug. 2022*
 Smart Kokusai

- Designed a prototype of smart sensors for the factory to prevent indoor accidents.
- Analyzed research papers on emerging IoT technologies to optimize smart follow-up solutions for an organic food packaging and manufacturing factory.

Telecommunications and Network Intern *Jul. 2021 – Aug. 2021*
 Tunisie Telecom

- Performed maintenance and supervision of IT and telecommunication systems.
- Installed and configured telephone and ADSL lines.

Education / Professional Training

Master's Degree in Computer Science *From 09/2022 to 02/2024*
 Paris Cité University (Joint Degree)

Master's Degree in Information Processing and Living Complexity (TICV) *From 09/2022 to 02/2024*
 The National Engineering School of Tunis (ENIT)

Telecommunication Engineering Degree *From 09/2020 to 09/2023*
 The National Engineering School of Tunis (ENIT)
 Specialization: Data Science for Embedded Communications

Languages

German : A1

English : B2 - Certified (TOEIC - ENIT)

French : B2 - Certified (DELFI - ENIT)

Arabic : Native Language

Highlighted Project

Notes.ai *Nov. 2024 – Jan. 2025*

Developed a responsive, AI-powered note-taking web app leveraging LLMs and techniques like RAG and Prompt Engineering. Designed to streamline productivity by extracting actionable insights from academic and financial reports, enabling efficient document-based analysis.

- **Frontend:** React, Next.js, JavaScript, HTML, Tailwind CSS
- **Backend:** Convex (Real-time DB), LangChain (LLM, RAG), Clerk (Auth.), Vercel (Deploy.)
- **APIs & Tools:** Google Gemini API, Git/GitHub

Certifications

- Applications of AI for Anomaly Detection - 2025
- Fundamentals of MLOps - 2025
- Rapid Application Development with Large Language Models (LLMs) - 2025
- LangChain - 2024
- PCAP - Python Certification Course - 2024
- Linux Professional Institute LPIC-1 Exam 101 - 2024
- Generative AI with Diffusion Models - 2024

Motivation

I'm eager to contribute to Germany's innovative IT sector and grow as a Data Scientist or Machine Learning Engineer. With a strong foundation in machine learning and a passion for data-driven solutions, I aim to make a meaningful impact. This opportunity offers the ideal environment to advance my skills and collaborate on cutting-edge projects.



Candidate ID : Kand25_033

Machine Learning

Machine Learning Engineer / Deep Learning Engineer

Technical Skills

- Programming: Python, SQL
- Data Manipulation: Pandas, NumPy, MONAI
- ML Frameworks: Scikit-learn, PyTorch, Pytorch Lightning, Torchmetrics
- Visualization: Matplotlib, Seaborn
- Version control: Git
- Containerization: Docker
- Cloud: AWS, AWS SageMaker

Professional Experience

AI Engineer *Feb. 2025 - Mar. 2025*
 Independent

- Developed an LLM agent for scientific papers search chat.

Machine Learning Engineer *Nov. 2024 - Jan. 2025*
 Independent

- Co-engineered a novel Graph Augmentation approach.

Machine Learning Engineer *Jan. 2024 - Feb. 2024*
 Freelance

- Implemented a Retrieval Augmented Generation (RAG) pipeline.

Deep Learning Research Engineer *Mar. 2023 - Nov. 2024*
 Fattouma Bourguiba Monastir & Sahloul Sousse Hospitals

- Designed and developed an explainable AI framework for Multiple Sclerosis detection from MRI scans.
- Presented at MICCAI 2024 conference.

Machine Learning Engineer *Apr. 2021 - Nov. 2021*
 Digital Research Center of Sfax (CRNS)

- Built and containerized ML-based web applications for model inference.

Languages

German : A1

English : C1 Certified

French : B2

Arabic : Native Language

Certifications

- English EF SET Certification
- AWS Machine Learning Fundamentals
- AI Programming with Python
- Fundamentals of Deep Learning
- Fundamentals of Accelerated Data Science with RAPIDS

Education / Professional Training

Master of Science in Computer Science *From 10/2022 to 11/2024*
 Higher Institute of Applied Science and Technology of Sousse

Nanodegree AWS Machine Learning *From 05/2023 to 09/2023*
 Udacity

Engineering degree in Computer Engineering *From 10/2017 to 10/2020*
 Higher Institute of Applied Science and Technology of Sousse

Volunteering Experience

Training Officer *From 10/2022 to 02/2023*
 ISSATSo IoT & Data Science Club

Organization Member *From 11/2017 to 01/2020*
 Association of Scientific Research and Innovation in Computer Science

Motivation

Keen to contribute to German artificial intelligence sector following their known high standards via the skills acquired through my previous experience in machine learning. Adept at translating business needs into innovative data-driven solutions. Continuously learning new skills.



Candidate ID :
Kand25_034

IT & Data Science

Data Analyst / Data Scientist

- **IBM Technologies :** IBM SPSS Statistics - IBM DataStage (ETL) - IBM Cognos Analytics 11 - IBM DataStudio (DataBase Manipulation) - IBM Framwork Manager
- **SAS Technologies :** SAS Base – SAS Data Integration Studio (ETL) – SAS Entreprise Guide – SAS Visual Analytics – SAS Visual Statistics – SAS Management Console
- **Microsoft Technologies :** SSIS – SSAS - SSRS – Power BI
- **Big Data & Statistics Tools :** R – Python - Java – Hadoop
- **Programming & Database :** C/C++ - VBA- SQL - PL/SQL

Professional Experience

Data Marketing Manager

Aug 2022 - Present

Carrefour Tunisie, Tunis, Tunisia

- Conducting Datamining & Marketing Analytics analysis
- Clients' profiling & segmentation for Marketing purposes
- Prepare / Edit dashboards for headquarters
- Digitalizing the Loyalty program on the Web Site & Mobile application

Datamining Expert

Sep 2018 - Oct 2019

Ooredoo Tunisia, Tunis, Tunisia

- Building predictive models using different machine learning techniques
- Providing headquarters with data/reports as per their business needs
- Responding to different marketing department's data queries with information' s about customer's usage, revenues, data consumption

BI & Analytics Consultant

Feb 2017 - Aug 2018

Biware Consulting (One Year) & BGFI Consulting (6 Months) - Tunis

- Writing technical specifications
- Developing ETL (Extract – Transform – Load) Jobs
- Manipulating databases and tables
- Creating dashboards and reports
- Training Clients to learn how to use BI solutions

Education / Professional Training

Statistical Engineering degree

2012 - 2015

ESSAI : Higher School of Statistics and Data Analysis

Success in the National Engineer's Exam

2010 - 2012

IPEIT, Tunis

Success in the Mathematics Bacallaureate Exam

2009 - 2010

High school of Pers Blancs, Menzah, Tunisia

Motivation

I'm a data and statistics expert. I will be interested in all fields related to DATA such as (Data Analyst , Data Scientist, Data Manager, BI & Analytics Consultant, BIG DATA Consultant, ...)

Languages

German : B1

English : B2 (TEOIC : 890 Points)

French : C1 (TCF : Niveau C1)

Arabic : Native Language

Realized Projects

Realized project with IBM technologies and business intelligence solutions:

- **MOOV (Atlantic Telecom of Ivory Coast) :** Installing and setting up a complete business intelligence solution (Managed with Scrum & Agile method).

Realized projects with SAS technologies and business intelligence solutions:

- **Ecobank:** Developing a data integration solution and creating 5 internal reports with SAS Visual Analytics
- **Attijari Wafa Bank:** Setting up an analytic datamart for strategic marketing purposes (Targeting and customers loyalty) + SAS Visual Analytics Training
- **Ivory Coast Electricity Company:** Assisting the client to develop his own SAS Visual Analytics reports+ SAS Visual Analytics/ SAS Visual Statistics Training.



**Candidate ID :
Kand25_035**

IT & Data Analysis

Business / Data Analyst

Technical Skills

- Python (pandas, NumPy, matplotlib scikit-learn)
- SQL (MySQL, PostgreSQL basics)
- Excel (advanced)
- Power BI
- Tableau (basic)
- Google Data Studio
- Jupyter
- Google Colab
- VS Code
- Git/GitHub
- APIs (Postman)
- Google Cloud Platform (basics)

Professional Experience

Business Operations & Analytics Specialist

Anglophiles Academic, London, UK Oct. 2023 - Dec. 2024

- Built and optimized Excel pricing models.
- Analyzed customer participation data to support strategic decisions.
- Coordinated with French-speaking clients and stakeholders.

Business Analyst Intern

ATS Digital Dev – Tunis, Tunisia Sep. 2022 - Dec. 2022

- Used SQL and Power BI to analyze financial performance and improve budget allocations by 10%.
- Supported fintech digital transformation projects to enhance operational workflows.
- Presented analytical insights to support decision-making in transaction banking.

Client Relations Intern

Bosch Jun. 2019 - Aug. 2022

- Assisted in client relations and customer support, handling inquiries and service coordination in French.
- Developed problem-solving and analytical skills by managing customer interactions and operational tasks.
- Collaborated with internal teams to improve service efficiency and business processes.

Languages

German : A2

English : C1

French : B2

Arabic : Native Language

Certifications

- Data Science & Business Analytics (In Progress) – GoMyCode
- Pre-Master's in Science and Engineering – Kaplan International College London

Education / Professional Training

MSc Fintech with Business Analytics

University of Westminster From 09/2021 to 09/2022

Bachelor's in Business Administration

West University of Timișoara From 09/2017 to 07/2020

Volunteering Experience

AIIESEC

From 02/2019 to 07/2021

Involved in youth leadership programs and cross-cultural exchange projects.

Lions Club

From 10/2015 to 09/2018

Participated in local community service initiatives and fundraising events.

Motivation

I'm drawn to the German IT sector for its structured environment, emphasis on quality, and openness to international talent. With my background in business analytics and interest in data-driven solutions, I see Germany as the right place to grow professionally and contribute meaningfully to innovation. My goal is to work in a role where I can bridge business needs with technical solutions, while adapting to a new culture and work ethic that challenges me to improve every day.



Candidate ID :
Kand25_036

Software Development / Artificial Intelligence

Full Stack Software Engineer / Artificial Intelligence Engineer

- Python, Java, C++, C#, JS, TS
- HTML, CSS, Tailwind, Figma
- Angular, React
- .Net, Spring Boot, NodeJS
- RestAPI, GraphQL, WebSockets
- Android, Flutter
- SQL, PostgreSQL, MongoDB, Firebase
- Pytorch, TensorFlow
- Selenium, Cypress, Playwright, JUnit
- Artificial Intelligence, ML, DL, GenAI
- Computer Vision, OpenCV

Professional Experience

Artificial Intelligence Engineer Intern *Feb. 2024 – Nov. 2024*

Novobit Group GmbH - Germany

- Designed and implemented multi-agent architectures to automate unit and end-to-end test generation and execution using generative AI.
- Developed these architectures using Junit, Python, Selenium, Cypress, Langchain and Large Language Models.

Software Engineer Intern *Jul. 2023 – Aug. 2023*

Ernst & Young - Tunisia

- Designed and created a web interface enabling users to submit and manage job applications, establishing a centralized database of potential candidates.
- Developed the solution using React, .Net and Azure Data Studio.

Software Developer Intern *Mar. 2021 – Jun. 2021*

Prosoft International - Tunisia

- Designed and developed an intelligent chatbot, enabling real-time customer interactions and task execution across web and mobile platforms.
- Developed the solution using Angular, Ionic, .Net, Python and TensorFlow.

Languages

German : B1

English : C2

French : C2

Arabic : Native Language

Personal Projects

- Cross-Platform and multi-agent application for audio and sign language translation, created using Python, Flutter and the ETL architecture
- Web application for student monitoring, created using Angular and Spring Boot
- Cross-Platform Music Streaming Application, created using Flutter, NodeJS and MongoDB
- Cross-Platform real time quiz application, created using Flutter and Firebase

Education / Professional Training

Bachelor's Degree in Computer Science *From 09/2018 to 06/2021*

Higher Institute of Technological Studies

Software Engineering Degree *From 09/2021 to 12/2024*

Higher Institute of Computer Science

Motivation

I'm excited to work in Germany to build an impactful career, contribute to exciting projects, and collaborate and learn from experienced and motivated colleagues. Germany's strong engineering culture and dedication to innovation align perfectly with my aspirations in the tech industry.



Candidate ID :
Kand25_077

Software Development

**Software Engineer / Full Stack
 Developer**

- **Programming Languages :**
Java, Python, JavaScript
- **Data Bases:**
MongoDB, PostgreSQL, BigQuery
- **Project Management :**
Scrum, Jira, Trello
- **Frameworks :**
SpringBoot, Angular, NestJS
- **Libraries :**
ReactJS, Node.js
- **System Administration :**
Linux, Bash, Shell, Ubuntu, Docker
- **Version Control :**
Git, GitHub, Bitbucket

Professional Experience

Full Stack Engineer Intern *Feb. 2024 – Aug. 2024*
 Lucky Cart

- Developed a back-office platform for marketing campaigns.
- Built RESTful APIs (NestJS) and responsive UIs (ReactJS, AntDesign) for campaign and client handling.
- Managed data workflows with DBT and SQL in a Medallion Architecture for real-time transformation.

Full Stack Developer Intern *July 2023 – Aug. 2023*
 L-Mobile

- Developed a rental management interface with Angular for machine and customer operations.
- Built and integrated Java-based APIs into the CRM system.
- Implemented backend services and optimized SQL queries for high-volume rental transactions.

Full Stack Developer Intern *Feb. 2021 – Aug. 2021*
 Inscript

- Developed a web app for online psychological consultations.
- Built a secure backend (Spring) and responsive UI (Angular) for user and appointment management.
- Integrated real-time video calls using Spring WebSocket.

Languages

German : A1
English : B2
French : C1
Arabic : Native Language

Certifications

- Programming using JAVASCRIPT (Microsoft)
- First Aid within a Team Certification (Tunisian Red Crescent)
- Intercultural Soft Skills (AHK)

Education / Professional Training

National Engineering Diploma in Computer Science *From 09/2021 to 11/2024*
 Higher Institute of Computer Science of El Manar

Bachelor's Degree in Information Systems Development *From 09/2018 to 07/2021*
 Higher Institute of Technological Studies of Nabeul

Baccalaureate in Technical Sciences *From 09/2014 to 06/2018*
 Mahmoud El Messaadi High School

Volunteering Experience

Vice President Of Marketing *From 03/2019 to 02/2022*
 AIESEC In TUNISIA

Marketing Manager *From 10/2018 to 02/2025*
 Tunisian Red Crescent

Participant *From 10/2022 to 02/2023*
 ERASMUS+ Project in Serbia

Motivation

I'm a motivated Software Engineer with a solid background in both backend and frontend development. I'm drawn to Germany's engineering standards and structured work culture, which align with my commitment to quality and growth. I'm eager to contribute to meaningful projects and develop my skills in an international environment.



Candidate ID : Kand25_078

AI & Data analytics

AI Engineer / Data Scientist

Technical Skills

- Python(Pandas, numpy, scipy)
- ETL & Data Pipelines: Apache airflow, pyspark, Bigquery
- SQL (Postgresql, Mysql), MongoDB
- Scikit-learn, Tensorflow, Pytorch
- ML / DL: Classification, Regression, LSTM, MLFLOW
- LLM & Rag : Transformers, Fine tuning, semantic search, Langchain, Ollama
- Power BI, Tableau, Excel, Matplotlib
- Git, Github ci/cd , Docker
- Flask, Fast API, Streamlit
- Web scraping: Selenium, BeautifulSoup

Professional Experience

AI Engineer

Jan. 2025 - Present

Freelance

- Developed a CV Extractor app using Llama3 , mistral and phi (Benchmarking) leveraging embeddings and streamlit UI.
- Built a research RAG app for (pdf, csv, word) retrieval enabling summarization, translation and Q&A.
- Designed and Delivered Online Courses on probability / statistics and web scraping (python) for 10+ students.

AI Engineer

Feb. 2024 - Aug. 2024

4iNa Technologies

- Built time series forecasting models (lstm) for energy consumption predictions.
- Developed AI-driven chatbots & dashboards using flask & flutter for real time analytics.
- Applied CNN models for image classification(Infrared Image).

Machine Learning Intern

Feb. 2023 - Aug. 2023

Innov-Sys

- Developed a fitness e-coaching app using kivy & mediapipe (Pose estimation).
- Optimized user experience with LSTM-based motion analysis.
- Tools used : Python, mediapipe, lstm, real time , kivy

Languages

German : B1

English : C1

French : C1

Arabic : Native Language

Certifications

- Introduction of AI – University of Helsinki
- LLMs with semantic search – DeepLearning.AI
- Power Bi job simulation -PwC Switzerland -- Forage
- Introduction to MLFLOW – Data CAMP
- Intercultural Soft Skills --Fachkraefte Project

Education / Professional Training

Master of Science in Data Science

From 09/2021 to 11/2023

Faculty of sciences of Bizert

Bachelor of Science in Mathematics

From 09/2018 to 06/2021

Faculty of sciences of Bizert

High School diploma in mathematics

From 09/2013 to 06/2018

Atef Chaeib High school

Projects

Football AI-Scouting App

From 01/2025 to 05/2025

Built an AI-powered system for automated Bundesliga data analysis and scouting using Airflow, Bigquery and Mistral LLM.

Motivation

Passionate about using AI and data science to solve real-world problems in sectors like energy, sports, Finance and analytics, what drives me is the constant innovation in this field and the opportunity to create intelligent, impactful solutions. Germany's technology and its strong AI ecosystem make it the ideal place for me to grow professionally and contribute meaningfully.



Candidate ID : Kand25_088

Data Analytics

Data Analyst / Product Owner

Professional Experience

Digital Assets/Product Owner

Sep. 2023 - Today

Pluxee Tunisia (Ex Sodexo)

- Led cross-functional teams to deliver diverse digital products.
- Used Power BI, Firebase, and Google Analytics to drive product vision, boosting engagement 25%.
- Ran A/B tests, ensured data quality, and explored integrations to boost product value.

Business Analyst

Sep. 2022 - Aug. 2023

Save Your Wardrobe

- Developed data models, ETL pipelines, and dashboards with Power BI and Python to deliver actionable insights.
- Led cross-functional teams with SAFe, defining product vision and ensuring on-time delivery.
- Migrated reporting tools, saving \$3K+ annually, and aligned business with technology for better UX.

Junior Business Intelligence Developer

Jan. 2022 - Aug. 2022

Mantu Group

- Gathered business requirements, translated them into data dictionaries, and designed dimensional data models.
- Developed and implemented ETL processes using SQL Server BI tool.
- Delivered PowerBI reports and data quality summaries for client review.

Education / Professional Training

Computer Science Engineering in ERP

From 09/2019 to 06/2023

Business Intelligence

Private Higher School of Engineering and Technology

Bachelor of IT and Telecommunications

From 09/2016 to 05/2019

Higher Institute of Information and Communication Technologies

Baccalaureate : Mathematical Field

From 06/2011 to 06/2016

El Omrane High School

Motivation

I'm motivated to join the German IT sector for its structured approach, high standards, and long-term vision. I value precision, responsibility, and the opportunity to grow in an environment where quality truly matters. With hands-on experience in both data and product, I'm eager to bring an international perspective and contribute to reliable, user-centered solutions.

Technical Skills

- Programming language : Python .
- Databases: MySQL, MongoDB.
- Cloud Platforms: AWS, Azure.
- Data&Etl tools : SQL Server (SSIS, SSAS, SSRS), Power BI.
- Project & Product Management: Agile (Scrum, Kanban), Backlog Prioritization, JIRA, Confluence, Roadmapping
- Analytics: Google Analytics, A/B Testing (Optimizely, Google Optimize), KPI Dashboards

Languages

German : B1

English : C1

French : C2

Arabic : Native Language

Certifications

- Professional Scrum Product Owner™ I (PSPO I).
- Product Management and Product Marketing for technology-based products.
- Fundamentals of Deep Learning for Computer Vision.

Volunteering Experience

Member

2016

Member in volunteer activity (AMC)



Candidate ID :
Kand25_089

Data Analytics

**Data Analyst | Python Developer
| Business Analyst**

Data Analysis and Visualization Tools:

- Power BI
- Rstudio
- Python

Database Management Tools:

- SSMS
- MySQL
- MongoDB
- Oracle

Data Integration Tools:

- SSIS
- Talend

Education / Professional Training

Master in Business Analytics

From 09/2022 to 12/2024

Esprit School of Business

Bachelors in Applied Mathematics with a specialization in Environmental Statistics

From 09/2019 to 06/2024

Higher Institute of Environmental Sciences and
Technologies

Languages

German : A1

English : C1

French : C1

Arabic : Native Language

Professional Experience

Data Analysis (Internship)

April. 2024 - Dec. 2024

It & Technologies Tunisia (i3t)

- Implemented a BI solution for water production data analysis in Ain Bidha.
- Analyzed water production and distribution data to identify trends and forecast future volumes.
- Executed a complete ETL process for data collection, cleaning, and integration.
- Created an interactive dashboards in Power BI to visualize key data.
- Developed a machine learning prediction model to enhance strategic decision-making.

Data Analysis (Internship)

April. 2022 - Jun. 2022

National Agricultural Bank (BNA)

- Analyzed agricultural credit payment risks.
- Used o machine learning and logistic regression to predict future payments.

Certifications

- Microsoft Certified:
Data Analyst Associate Certification PL-300: Analyzing Data with Microsoft Power BI – 2024
- Microsoft BI (Business Intelligence) - 2025

Academic Project

RISK & OPPORTUNITY DETECTION - OD BHF 2023-2024

- Scraped 5,000+ news articles using Python (BeautifulSoup, Requests).
- Stored data in a NoSQL database (MongoDB). Built a news classification model with 85% accuracy.
- Conducted market analysis through semantic analysis, identifying trends, risks, and opportunities in real time.

Motivation

I'm motivated to work in Germany's IT sector for its focus on innovation and data-driven solutions. This step aligns with my goal to apply and grow my skills in real-world projects while contributing to impactful technologies.



**Candidate ID :
 Kand25_091**

Data Science

Data Scientist / ML Engineer / AI Engineer

Technical Skills

- Python, SQL
- Pandas
- NumPy
- Scikit-learn
- OpenCV
- PyTorch
- TensorFlow
- Matplotlib
- Hugging Face
- LangChain
- OpenAI API
- Azure
- Git / GitHub

Professional Experience

Data Scientist Intern

May. 2024 - Oct. 2024

German Aerospace Center (DLR), Germany

- Developed monitoring systems for sensor failure detection.
- Applied ML models to predict operational behavior.

Data Scientist Intern

Jun. 2023 - Sep. 2023

Caustaza Group, London (Remote)

- Cleaned and preprocessed data for model accuracy.
- Developed AI chatbots using BERT and PyTorch.
- Built predictive models for HR planning.

Data Scientist Intern

Jul. 2022 - Oct. 2022

Orange Tunisie, Tunisia

- Designed AI system to monitor vital signs of premature babies.
- Integrated ML into mobile/web apps for neonatal care.

Languages

German : A1

English : B2

French : B2

Arabic : Native Language

Certifications

- Machine Learning,
- Stanford University (via Coursera), 2022
- Scrum Master (SFC) 2021

Education / Professional Training

Computer Science Engineering Degree

Sep. 2021 - Dec. 2024

National School of Engineering of Carthage

Physics and Chemistry Degree

Sep. 2019 - Jun. 2021

Preparatory Institute for Engineering Studies

Volunteering Experience

Member

Feb. 2023 - May. 2023

Engineering & Humanity Academy (SMU Dallas, USA)

HR Coordinator

Oct. 2021 - Jan. 2023

Joker Info Club, Enicarthage

Motivation

I am a passionate Data Scientist eager to contribute to Germany's leading AI industry, known for innovation and excellence. With experience in advanced ML and AI across multiple sectors, I deliver impactful, real-world solutions. I am committed to continuous learning and excited to grow professionally within Germany's dynamic tech ecosystem. Working in Germany aligns perfectly with my goal to drive meaningful technological advancements.



**Candidate ID :
 Kand25_092**

AI/ ERP/ Data Science

**Junior AI and ML Engineer / ERP
 Consultant / Data Scientist**

- Python
- ASP.Net / C#
- Javascript/ PHP/ HTML/ CSS
- MySQL/ MangoDB
- AWS
- DRL/ LLM

Professional Experience

University Lecturer *Oct. 2010 - Aug. 2020*

Taibah University, KSA

- Delivered lectures
- Supervised undergraduate projects
- Prepared and organized course materials and examinations

ERP Consultant/ GPAO *Sep. 2009 - Sep. 2010*

ICInformatique, Tunisia

- Configured and customized the Herakles ERP system, developing missing components as needed.
- Conducted installations, and trained end-users.
- Provided after-sales support and technical assistance.

Temporary University Lecturer *Sep. 2008 - June. 2009*

Higher Institute of Accounting and Business Administration, Tunisia

- Taught C2i Certificate training courses.

Languages

German : A1

English : B1

French : B2

Arabic : Native Language

Certifications

- Certificate Big Data Engineer from IBM 2023
- CISCO Certificate:CCNA1 and CCNA2 2007

Education / Professional Training

Research Master's Degree in Data Science *From 10/2022 to 11/2024*
 Higher Institute of Information and Communication Technologies, Tunisia

Professional Master's Degree in Computer Science *From 10/2007 to 06/2009*
 Higher School of Technology and Computer Science, Tunisia

Bachelor's Degree in Computer Science *From 09/2003 to 06/2007*
 Higher School of Technology and Computer Science, Tunisia

Publications

My paper, "Optimizing Cluster-Based Vehicle Dispatching in Ride-Hailing Services: A Reinforcement Learning Approach to Demand-Supply Dynamics", was published in IEEE Xplore on March 7, 2025. It was presented at the IEEE IATMSI2025 Conference, where it received the Best Paper award.

Motivation

I aim to combine my ERP consulting experience with AI knowledge to develop intelligent ERP solutions. Germany's advanced tech ecosystem and focus on innovation make it ideal for this goal. This international step motivates me to grow, contribute, and build a global career.



Candidate ID :
Kand25_094

Data Science / Computer Science

Data Analyst / RPA Developer

- **Data Science & Visualization:** Power BI, Tableau, Gephi, Excel, Grafana
- **RPA & Automation Tools:** UiPath Studio, Orchestrator, AI Center
- **Programming & ML:** Python, SQL, Java, PL/SQL | Scikit-learn, Pandas, NumPy, TensorFlow, NLP, Predictive Modeling
- **Web Development:** React, Spring Boot, HTML/CSS
- **Tools & Platforms:** Talend (ETL), Wireshark, Firebase, MySQL, Overleaf LaTeX, Cisco Packet Tracer
- **Methodologies:** Agile (Scrum), UML

Professional Experience

Data Specialist *Nov. 2024 - Feb. 2025*
 Progress Consulting Service SUARL (PCS)

- Transformed unstructured and inconsistent datasets into clean, analyzable formats using Python and Excel for an open data publication.
- Validated and corrected data anomalies, increasing data accuracy and reliability.
- Documented metadata for better usability and compliance.

RPA & App Developer *April. 2024 - Sep. 2025*
 Mobilite, Tunis

- Designed and developed a mobile app with Android Studio(Java) and Firebase to collect real-time employee feedback.
- Developed an RPA bot using UiPath integrated with AI to analyze employee sentiments.
- Implemented interactive dashboards for data visualization.

Data Analyst Intern *Jul. 2023 - Sep. 2023*
 RAPIDID, Tunis

- Built predictive models with Python to analyze employee retention.
- Processed and analyzed datasets to support HR decision-making.
- Communicated insights through clear reports and data visualizations for business stakeholders.

Languages

German : A2

English : C1 - (Aptis)

French : B2 – (TCF)

Arabic : Native Language

Certifications

- Introduction to Automation – Uipath Academy (2025)
- Aptis – British Council (2023)
- Big Data Engineer – IBM (2022)
- Predictive Analytics Modeler – IBM (2022)

Education / Professional Training

Engineering Degree in Computer Science & Multimedia *From 09/2022 to 10/2024*

Higher Institute of Multimedia Arts, Manouba

Bachelor's Degree in IT Management *From 09/2018 to 06/2021*

Higher Institute of Management, Tunis

High School Diploma in Experimental Science *From 09/2015 to 06/2018*

Mixed High School, Menzel Bourguiba

Volunteering Experience

Member *From 2019 to 2020*
 Young Entrepreneurs Club

Founder & Member *From 2016 to 2018*
 Korean Culture Exchange Club (KFFC)

Member *From 2016 to 2017*
 Deutsch-Tunesische Kulturorganisation, Exchange Student to Germany

Motivation

Since visiting Germany as an exchange student, I was deeply impressed by the culture, society, and work ethic — which inspired my goal to live and work there. Germany's status as a global tech hub makes it the ideal place to expand my skills in data analytics, visualization, and RPA. This international move reflects my ambition to work in a high-quality, forward-thinking environment



Candidate ID : Kand25_095

Data science | Software Development

AI, Data Science | Backend Engineer

Artificial Intelligence:

Deep Learning, Machine Learning, NLP / NLU, LLM, Computer Vision

Programming Languages & Frameworks:

Python, R, PySpark, JEE / Java, React, Node.js, Angular, Spring Boot, Flask, Django

Business Intelligence & Tools:

ETL, ELT, Power BI, Talend

Cloud & Big Data:

Big Data, DB (SQL, NoSQL), AWS, Azure

MLOps & DevOps:

Git, Docker, Jenkins, Nexus, Mockito, Maven, Sonar, Grafana, Prometheus

Professional Experience

Engineering Internship

Feb. 2024- Dec. 2024

Data Dolt

- Enhanced Job-Candidate Alignment with Large-Language Models.
- Developed a resume matching application using LLM for extracting and analyzing data.

Freelance Project

Oct. 2023 -Dec. 2023

Pixemantic

- Completed Parking Management Solutions Provider
- Developed an AI system to predict vehicle type, color, make, and model, enhancing license plate detection and vehicle differentiation
- Provided detailed system descriptions and ensured seamless integration in response to user inquiries.

NLP Internship

Feb. 2017 - May. 2023

Pixemantic

- Created a medical corpus using NLP for medical fraud detection.
- Implemented Named Entity Recognition (NER) with SpaCy and used Jaccard similarity metric for fraud detection.

Creating Value For Employees

Feb. 2017 - May. 2023

Focus

- Developed a solution to identify factors contributing to employee turnover and enhance productivity.

Languages

German : A1

English : B2 - Certified (TOEIC - Esprit)

French : B2 - Certified (DELFL - Esprit)

Arabic : Native Language

Education

Software engineering

Esprit

First Year of Research Master's in Computer Science

FSM

Fundamental License in Computer Science

ISIMM

Certifications

Introduction to AI in the Data Center

NVIDIA 2023

Building AI Based cybersecurity Pipelines

NVIDIA 2022

Microsoft Certified: Azure AI Fundamentals

Microsoft 2023

MLOps — Machine Learning Operations

Duke University , Coursera 2023

Analyze Datasets and Train ML Models using AutoML

DeepLearning.AI , Coursera 2023

Projects

MedicusClinic

Developed a medical **chatbot** and a Named Entity Recognition (NER) system to extract disease information from medical courses.

Shoplifting detection

Developed an AI system for real-time shoplifting detection using two approaches "**RGB-based Model**" and "**Skeleton-based Model**"

Semantic Detection of Self-Modifying Malware in a Big Data Environment

Proposed a semantic detection method using function call graphs (FCGs) in a big data environment, which effectively identifies both known and unseen malware variants.

PowerAI Data-Engineering project

Django dashboard for data description and input predicting, after several manipulations: Data preparation (**ETL**), Data modeling , Data Visualization(Graphic representation and dashboarding).

Motivation

I'm motivated to join Germany's innovative data science sector to apply my AI skills on impactful projects while growing professionally in a leading international tech environment.



Candidate ID : Kand25_106

Machine Learning / Software Development

Machine Learning Developer / Generative AI Developer

Technical Skills

- Python
- JavaScript
- TensorFlow
- Pytorch
- Mlflow
- Triton
- Weights & Biases
- AKS
- ONNX
- Pinecone
- MongoDB
- Docker
- Github Actions

Professional Experience

AI Software Engineer Freelance

Jun.2021 – Current

- Delivered Agentic AI onboarding solutions that reduced manual workload by 95 %.
- Proactively communicated with international clients, ensuring smooth collaboration.

Machine Learning Engineer Artemis Industries Startup

March. 2025- Current

- Implemented advanced model optimization techniques, resulting in 60% reduce in computational costs.
- Engineered a LLMOPS Pipeline to automate LLMs development and production improving efficiency and scalability in production workflows.

AI Intern

Feb. 2024 – May,2024

VERMEG for Banking & Insurance Software

- Implemented a RAG architecture ensuring secure and efficient data integration.
- Secured the LLM against vulnerabilities identified by OWASP to enhance user data protection.

Languages

German : A1

English : C2

French : C2 – Certified (TCF)

Arabic : Native Language

Certifications

- Microsoft Certified : Azure AI Fundamentals
- Java Core Specialization

Education / Professional Training

Bachelor's Degree in Computer Systems Engineering

From 15/9/2021 to 26/5/2024

Higher Institute Of Computer Science Of El Manar

Machine Learning Engineering Diploma

From 05/2023 to 09/2023

Holberton School Tunis

Baccalaureate of Secondary Education

From 15/9/2015 To 28/5/2019

Pioneer High School 15 Of October 1963

Volunteering Experience

Member

From 9/2022 to 6/2023

Enactus ISI

Motivation

Fueled by a deep passion for machine learning and a relentless drive to advance the AI revolution, I'm drawn to Berlin's vibrant, forward-thinking tech ecosystem. Its diverse community and collaborative spirit make it the perfect place for me to learn, innovate, and make a real impact.



Candidate ID : Kand25_105

IT Sector

Data Analyst /
SAP Consultant / QA Engineer

Technical Skills

- **Data & Analysis**
Python, Excel (Advanced, VBA), Power BI, AWS (basics)
- **Engineering & Design**
PVsyst, AutoCAD, Figma
- **Project & Business**
MS-office 365, Jira, Confluence, Trello, SAP, Odoo, Google Workspace

Soft Skills

- Adaptability
- Resilience
- Communication
- Teamwork
- Leadership
- Self-Motivation
- Decision-Making

Languages

German : A2.1

English : C1

French : C1

Arabic : Native Language

Certifications

- CEM® , Certified Energy Manager Training
- Soft Skills, Lean Manufacturing, and Project Management
- Introduction to Artificial Intelligence (Machine Learning)
- Functional Consultant Odoo (SAP)

Volunteering Experience

- Leader at Scoot
- Volunteer with 2 charity associations
- Translator and Facilitator at an AMIDEAST Youth Camp
- Active Member of 6 other student and community associations

Professional Experience

Product Owner

WattNow, SA

10/2023-Present

- Led a Scrum team of 9 to develop 3 AI-based software for clients in aeronautics, manufacturing, and automotive sectors.
- Improved delivery time through workflow optimization.
- Ensured product quality through systematic testing.

Project Engineer

WattNow, SA

12/2022 – 09/2023

- Managed industrial IoT monitoring and control projects, enhancing factory system performance.
- Built dashboards to support technical decision-making.
- Contributed to audits through structured data analysis.

Engineering Intern

WattNow, SA

11/2022

- Developed a tool for stock and quotation management.
- Automated workflows, reducing manual work by 40%.
- Enhanced internal operations and resource planning.

Education / Professional Training

Master of Energy Engineering

National Engineering School of Monastir (EURACE®)

2019 – 2022

Engineering Preparation Program

Monastir University

2017 – 2019

High School Diploma – Natural Sciences

Pioneer School of Gafsa

2017

Motivation

Germany's leadership in sustainability, engineering, and digital innovation has inspired me since my early studies. I aim to contribute to impactful projects in digitalization technology and smart solutions while continuing to grow professionally. Joining the German workforce is a purposeful step aligned with my values, career goals, and desired way of life.



**SOFTWARE &
WEB DEVELOPMENT
& EMBEDDED SYSTEMS**



**Candidate ID :
 Kand25_027**

IT & Automation

**Robotic Process Automation
 Developer**

- Uipath.
- Power automate.
- Python.
- Botpress.
- Excel.
- Postgresql.
- Mysql
- Microsoft Access.

Professional Experience

Robotic Process automation developer *Dec. 2023 - Present*

TUI Group

- Developed and deploy end-to-end automation solutions using UiPath.
- Collaborate with stakeholders to identify automation opportunities and improve efficiency.

Customer Service Representative *Apr. 2023 - Nov. 2023*

TUI Group

- Successfully addressed and resolved customer complaints.
- Acted as a bridge between technology and hospitality, combining software engineering proficiency with a keen understanding of guests needs.

Freelancer & Innovator *Apr. 2017 - Apr. 2023*

Freelance

- Developed automations for Banking and Insurance companies.
- Developed tools based on artificial intelligence for health tech domain.
- Created BPMN processes for a client.

Languages

German : A2/B1

English : B2 – Certified (Toeic)

French : B2 – Certified (DELF)

Arabic : Native Language

Certifications

- DAAD Tunis : Effective cooperation in teams - 2019
- Microsoft certified: Power platform fundamentals -2022
- Microsoft certified: Azure fundamentals -2022
- Microsoft certified: Azure AI (Artificial intelligence) fundamentals -2022
- MCPS: Microsoft Certified Professional- 2016
- Microsoft Technology Associate: Database Fundamentals -2015
- TOEIC (825/990) - 2015
- Diploma in French language studies - DELF B2 – 2016

Education / Professional Training

Software engineering *From 09/2013 to 10/2016*

Esprit

Preparatory school for engineering studies *From 09/2010 to 06/2013*

Essths - Sousse

Engineering degree in Computer Engineering *From 09/2009 to 06/2010*

Taher Sfar High School Sousse.

Motivation

I want to work and live in Germany to expand my career as a Robotic Process Automation developer in a country known for its innovation and technology. I am motivated to bring my skills to a place that values efficiency and smart automation.



Candidate ID :
Kand25_002

Embedded Systems

Embedded Software Engineer

- Linux / Embedded Linux
- Shell scripting
- C/C++
- Buildroot / Yocto
- Makefiles
- Python
- Git / Gitlab
- Docker
- Wireshark
- ROS
- Jira

Professional Experience

Embedded Software Engineer

Sep. 2023 - Present

Telnet | SoftAtHome

- Built a Linux tool (C, GTK, Bash) for automated gateway flashing.
- Maintained Orange France's 2 & 3 Livebox firmware, fixing bugs and patching vulnerabilities.
- Managed a Buildroot build-system for firmware builds and deployment.

End-of-Studies Engineering Internship

Feb. 2023 - Jul. 2023

Sofrecom Tunisia

- Built an autonomous robot with ROS, simulated in Gazebo and RViz.
- Developed modules for navigation, vision (YOLOv7), and IoT (MQTT).
- Designed mobile UI for remote control using React Native and Node.js.

Embedded Systems Engineering Internship

Jun. 2022 - Aug. 2022

Startup ZONE ATEX

- Coded UE3003 sensor for real-time fuel level measurement.
- Enabled secure AWS IoT Core communication via GSM module.
- Designed the PCB and deployed cloud backend on Amazon EC2.

Languages

German : A1

English : C2

French : B2

Arabic : Native Language

Certifications

- Linux Kernel Programming and Introduction to Yocto Project
- Linux System Programming and Introduction to Buildroot
- C Programming: Using Linux Tools and Libraries
- Open-Source Software Development, Linux and Git Specialization badge
- Using Git for Distributed Development
- Linux Tools for Developers
- Linux for Developers
- Open-Source Software Development Methods

Education / Professional Training

Embedded Systems Engineering

Sept 2020 - Jul 2023

Higher Institute of Applied Science and Technology of Sousse

Preparatory degree in Physics & Chemistry

Sept 2018 - Aug 2020

Preparatory Institute for Engineering Studies of Tunis - IPEIT

High School Diploma

Sept 2015 - Jul 2018

El Omrane high school, Tunis

Motivation

Passionate and motivated junior embedded systems engineer with 2 years of experience in middleware and firmware development for Home Gateways using Linux, Embedded Linux, and C. Seeking international opportunities to broaden my expertise and contribute to impactful, forward-thinking projects. Open to new challenges, feel free to get in touch.

Technical Skills

- **Programming languages:** JavaScript, PHP, HTML/CSS, SQL
- **Database:** PostgreSQL, MySQL, MongoDB
- **Web Frameworks:** React js, Angular, Nextjs, Laravel, NodeJS, Expressjs
- **Desktop Development:** Electronjs
- **Tools:** Git, Docker, Ubuntu, Nginx
- **Real-time / Messaging Protocols:** Socket (WebSocket library) MQTT (Lightweight messaging protocol)
- **Methodologies:** Scrum (Agile methodology)

Languages

German : A1

English : B2

French : B2

Arabic : Native Language

Certifications

- Backbase Frontend Certification - 2025
- Front-End JavaScript Frameworks: Angular - 2020
- Front-End Web Development with React - 2020

Volunteering Experience

Member/ VFPD *From 01/2018 to 01/2020*
JCI Bekalta

Coordinator *From 01/2019 to 01/2020*
IIDebate – IRC bekalta

Education / Professional Training

Software Engineering *From 09/2018 to 07/2021*
ESPRIT

License Degrees in IT Management *From 09/2015 to 07/2018*
Higher Institute of Management of Sousse

Motivation

I'm interested in the German IT sector for its strong engineering culture, innovation, and global impact. My goal is to grow as a software engineer in a structured and high-quality environment. This international step motivates me to challenge myself, contribute globally, and integrate into a culture that values collaboration.



Candidate ID :
Kand25_005

Software Engineer

Full stack Development / Frontend developer

Professional Experience

Frontend Developer *Oct. 2023 - Present*
ONE-TECH B.S

- Migrated major Backbase projects from Angular 14 to 18 to enhance performance and maintainability.
- Led code reviews, mentored junior developers, and collaborated across UX/backend teams.
- Built and tested features for Retail and Digital Assist web applications using Angular and Jest.

Frontend Developer *Jul. 2022 - Sep. 2023*
SATORIPOP

- Developed a cross-platform Electron desktop app to improve user focus and productivity.
- Integrated 3rd-party services (Google Calendar, Stripe, Google Auth).
- Built a Chromium extension and collaborated closely with designers and backend teams.

Fullstack JS Developer *Mai. 2021 - Jul. 2022*
DIGINOV

- Built analytics dashboards and micro-frontend architecture for a customer service platform.
- Led development of LOCKBOX, integrating secure payments, MQTT protocols, and admin APIs.
- Built a secure property registry app with identity verification and payment integration

Data Science & Visualization:

- Power BI, Tableau, Excel

Programming Languages:

- Python, NoSQL, Java, JavaScript, PL/SQL

framework :

- spring boot , Angular , Reactjs

ERP system :

- SAP ERP , SAP S/4HANA

Methodologies:

- Scrum, UML

Operating Systems :

- Linux , Windows , MacOS

Languages

German : B1

English : B2

French : B2

Arabic : Native Language

Certifications

- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional

- Oracle Cloud Data Management 2023 Certified Foundations Associate



Candidate ID :
Kand25_012

IT Sector

Data Scientist / Software Developer

Professional Experience

Data Quality Technician

Dec. 2021 - Present

Sartorius Stedim Bioprocess

- Ensured data accuracy in SAP ERP and SAP S/4HANA, focusing on the MM module and MDG
- Validated and managed Bill of Materials (BOM) and routing data
- Transformed unstructured and inconsistent datasets into clean, analyzable formats using Python and Excel.
- Create and maintain workflows and team definitions in SAP ERP

The End-of-studies Internship

Feb. 2024 - Jul. 2024

Sartorius Stedim Bioprocess

- Design and Development of a Training Management Application
- Developed a full-stack web application using Spring Boot (back-end), Angular (front-end), and MySQL (database)
- Designed and implemented key features for managing training sessions, including user management, session planning, and data persistence
- Gained hands-on experience in RESTful API development, component-based UI design, and database integration

Education / Professional Training

Master's in software engineering - Open Source *From Seb.2022 - Oct. 2024*

Higher Institute of Computer Science Manar, Tunisia

Bachelor's degree in computer networks *From Seb. 2017 - Jun 2020*

Higher Institute of Computer Science Kef, Tunisia

Baccalaureate technology *From Seb. 2016 - Jun 2017*

Motivation

I'm motivated IT professional with experience in data quality and software development. I enjoy solving problems, learning new technologies, and working on projects I'm currently looking for new challenges in Germany where I can apply my skills, grow professionally, and be part of a collaborative team in an international environment.



Candidate ID : Kand25_015

Embedded Systems

Embedded Software Engineer

Technical Skills

- Python, Micropython
- C, Embedded C
- Linux, shell scripting
- PyTorch
- STM32CubeIDE, IAR workbench
- VS Code
- Gitlab
- UART, I2C, SPI
- TCP/IP
- Modbus TCP, Modbus RTU
- LoRa
- Debugging and troubleshooting

Professional Experience

Embedded Software Engineer *May 2024 - Present*
 SBG Techelectro | Marsa, Tunisia

- Developed IoT solutions utilizing embedded systems, focusing on STM32 microcontrollers with Micro Python and C.
- Designed and implemented a firmware flashing solution using Device Firmware Upgrade (DFU) STM32 DFUSE.
- Worked on communication and data transfer between NW.js application and a stm32 board using TCP.
- Worked on a File Transfer Protocol project for transferring files from a server to STM32's flash memory using a GSM module.
- Implemented serial communication protocol Modbus between STM32 and PLCs using RS485.
- Developed communication between multiple STM32-based boards over various protocols such as Modbus TCP, Modbus RTU and LoRa.

End of Studies Intern *Feb 2023 - Aug 2023*
 Research Center for Automatic Control of Nancy | Nancy, France

- Worked with nodes composed of Arduino boards, sensors and Xbee modules.
- Developed a Machine Learning model to predict energy consumption in Wireless Sensor Networks.

Languages

German : A2 (currently studying)
English : C1
French : C1
Arabic : Native Language

Education / Professional Training

Electrical and Automatic Engineering *From 09/2020 to 10/2023*
 National Engineering School of Gabes

Preparatory for Engineering Studies *From 09/2017 to 06/2020*
 Preparatory Institute for Engineering Studies of Tunis

Baccalaureate in Mathematics *From 19/2017 to 06/2017*
 Pilot High school of Gabes

Certifications

- **Embedded Systems Development** : CSF- Centre Superieur de Formation El Ghazela
 - Embedded C
 - STM32 architecture
 - Object-oriented programming in C++
 - Embedded Linux and Shell scripting

Volunteering Experience

Judge *From 09/2022 to 01/2023*
 ENIGROBOTS V6 international robotics event

Organizer *From 09/2021 to 01/2022*
 ENIGROBOTS V5 national robotics event

Motivation

I'm excited about the opportunity to work in Germany because I admire the country's strong reputation in engineering. I'm motivated, open to challenges, and eager to bring a positive attitude and team spirit to my next role.



Candidate ID :
Kand25_016

Web Development

Full Stack JavaScript Developer

Frontend :

- Angular , VueJS , ReactJS
- JavaScript, TypeScript
- HTML, CSS, Bootstrap, Tailwind

Backend :

- NodeJS, Express, NestJS
- SQL / NoSQL Databases
- REST APIs, GraphQL APIs
- Socket.IO, BullMQ, Webhooks

Database :

- MySQL , PostgreSQL , BigQuery
- MongoDB , Firebase DB

Testing :

- Cypress, Jest, Mocha, Karma, Jasmin

Versioning , CI / CD & Cloud :

- Git, GitHub, GitLab, Azure Repos
- Docker, Kubernetes, GitLab CI
- Jenkins, GitHub Actions
- GCP, MS Azure, AWS

Professional Experience

Lead Full Stack JavaScript Developer

October 2024 - Today

Devoteam / Tunisia

- Analyze requirements to design and implement effective solutions
- Create flowcharts and propose scalable solutions
- Mentoring junior developers with technical guidance

Senior Node.js Developer

April 2024 – September 2024

Gulf Software / Turkey - remote

- Implementing RESTful APIs using Node.js and Nest.js
- Ensuring code quality through code reviews, unit testing, and CI
- Contributing to build a strong internal development team

Senior Node.js Developer

November 2023 – March 2024

Free2move / France - remote

- Implement Angular project migration strategy
- Ensuring the integration of new partners in the platform
- Work on project maintenance backend regressions with Node.js

Senior Node.js Developer

November 2021 – October 2023

Elasticbrains GmbH / Germany - remote

- The development of the different APIs with Node.js and Nest.js
- Creating model management and preparing APIs with Strapi
- Implementing GraphQL for efficient data manipulation

Full Stack JavaScript Developer

September 2016 – October 2021

FormaLab / Tunisia

- Developing front-end features using Angular
- Building back-end APIs with Node.js (Express.js and Nest.js)
- Working with SQL and NoSQL databases

Languages

German : A1

English : C1

French : C1

Arabic : Native Language

Certifications

- UX PM – Level 1 : Adopting UX
- UX PM – Level 2 : Executing UX
- Professional Scrum Master (PSM 1)
- GitLab Certified Git Associate

Voluntary Experience

Junior Chamber International

Member & VPFD

Google Developer Groups

Member

ESEN Android Club

Founder & Team Leader

Education / Professional Training

Modelling, Databases and Systems Integration

From 09/2016 to 12/2018

Higher School Of Digital Economy

Computer Science Management

From 09/2013 to 06/2016

Higher School Of Digital Economy

Motivation

Joining a tech company abroad is a chance to grow, innovate, and work alongside passionate experts. It's the perfect step to challenge yourself and make a real impact in the global tech scene.



Candidate ID : Kand25_019

Cybersecurity

ICT, Cybersecurity & Infrastructure & Management

Cybersecurity Tools:

- Wireshark
- Burp Suite
- ELK Stack

Scripting and Programming:

- Python
- PowerShell

Virtualization and Containerization:

- Docker
- VMware
- VirtualBox

Operating Systems:

- Windows
- Linux/Unix

Professional Experience

Test & Release Coordinator Mar. 2025 - Current

Web Hosting Canada

- Managed change management processes and project tracking.
- Executed testing efforts to ensure quality and resolve issues.
- Coordinated deployments and communicated project status across different teams.

System Administrator Sep. 2022 - Feb. 2025

Web Hosting Canada

- Administered and maintained Windows and Linux Servers.
- Delivered bilingual (French & English) technical support.
- Documented system configurations and processes.

End of Study Internship Project Jan. 2023 - Jun. 2023

Athena Experts

- Developed a SOC strategy, complying with banking standards.
- Improved threat detection through threat intelligence analysis.
- Used open-source tool to implement a Cybersec solution PoC.

SOAR solution for a SOC Feb. 2022 - May. 2022

ESPRIT

- Established network infrastructure supporting deployment.
- Installed and configured essential SOC security components.
- Integrated security tools with the existing network architecture.

Languages

German : A2

English : C1

French : B2

Arabic : Native Language

Certifications

- Introduction to Cybersecurity
- CyberOps Associate
- CCNA: Introduction to Networks

Education / Professional Training

National Diploma in Engineering From 09/2020 to 06/2023

Private Higher School of Engineering and Technology (ESPRIT)

Telecommunication Applied License From 09/2017 to 06/2020

Higher Institute of Technological Studies in Communications of Tunis (ISET'Com)

Baccalaureate From 09/2013 to 06/2017

El Wafa High-school

Volunteering Experience

Committee Member From 01/2022 to 01/2023
Rotaract Ariana la Rose

Active Member From 03/2021 to 01/2022
Rotaract Ariana la Rose

Motivation

I enjoy working in IT because I like solving problems and building smart solutions. Germany has a strong and modern tech sector, where I can learn more and grow. I want to work with international teams and take the next step in my career.



Candidate ID :
Kand25_020

IT Infrastructure and Security Engineering

SOC Analyst / System and Network Administrator

- Linux & System Administration
- Windows Server & Active Directory
- Cloud Technologies (Microsoft Azure)
- Virtualization & Cloud Infrastructure (VMware, OpenStack)
- Network Security & Monitoring
- SIEM & Threat Detection (Splunk, Graylog, Wazuh, Zabbix)
- Penetration Testing & Vulnerability Management
- Compliance & Risk Management (ISO 27001, GDPR)
- Automation & Orchestration (SOAR)

Professional Experience

Cyber Security and Network Engineer *From October 2023 to Present*
 Codway - Assurance Maghreb

- Administer and secure network and security infrastructure, including switches, routers, firewalls, IDS/IPS, and VPN solutions.
- Participate in the deployment and maintenance of security tools.
- Administer and secure systems (Windows, Linux) and networks

Final Study Internship *From 02/2023 to 2023/07*
 Sagemcom

- Installed and configured OpenStack
- Built a Security Operations Center (SOC) with integrated security tools for monitoring and threat detection.
- Integrated security tools, such as IDS/IPS, into the SOC for proactive threat

Final Study Internship *From 01/2021 to 2021/06*
 Sotetel

- Performed penetration testing with tools like Nessus, Greenbone, Metasploit, and Nmap to find network vulnerabilities.
- Identified and fixed security issues to protect systems from potential threats.

Languages

German : A1

English : B2

French : B2

Arabic : Native Language

Certifications

- ISC2 Certified in Cybersecurity (CC)
- EC-Council Ethical Hacking Essentials
- EC-Council Digital Forensics Essentials
- Fortinet Certified Associate in Cybersecurity
- Wireshark Expert – LetsDefend
- Vulnerability Management – Qualys

Education / Professional Training

Professional Master's Degree in Computer Engineering – Network Expert *From 09/2018 to 06/2021*

Higher Institute of Computer Science of Mahdia

Bachelor's Degree in Network and Systems Administration *From 09/2018 to 06/2021*

Higher Institute of Computer Science of Mahdia

Technical Sciences Baccalaureate *From 09/2017 to 06/2018*

Aboul-Qacem Echebbi Morneg High School

Motivation

With a strong background in cybersecurity and system administration, I am motivated to contribute to innovative and secure IT environments. Germany's reputation for technological excellence and structured work culture aligns with my professional goals. I am eager to join a skilled team where I can apply my knowledge, continue learning, and grow both personally and professionally. I am also committed to integrating into the German work culture and improving my language skills.



Candidate ID :
Kand25_024

Project Management

ICT / Management

Technical Skills

- Project Management Methodologies
- Team Management
- Collaboration and Communication
- Risk Management
- Business Analysis
- Financial Analysis and Accounting
- Automation and Industrialization
- Negotiation and Conflict Management
- Work Management Tools and Skills
- ERP and CRM Tools and Skills

Professional Experience

QA Manager (Insurance, DevOps) 07. 2023 - 02. 2024

CED Europe, Tunisia

- Align frameworks with organizational objectives.
- Manage claim handling processes.
- Manage data analysis and SaaS for international clients.

PMO (Junior Project Manager, FA) 06. 2022 - 06. 2023

Medisys Consulting (Accon RVS GmbH)

- Establish project management approaches and tools.
- Collaborate in backlogs refinement, ensuring planning's execution.
- Manage and prioritize variety of tasks and requests.

Senior Technician (Instrumentation) 02. 2021 - 07. 2021

HMT (Hydraulique, Materials & Technologies)

- Drive implementation and integration of systems and equipment.
- Support sales and maintenance operations.

Management Developer (B2B and Methods) 07. 2018 - 01. 2020

JM Mechatronics (Kobold GmbH)

- Develop communication plan and channels for sales.
- Develop strategies enhancing business insights and profits.
- Increase financial benefits and ROI.

Languages

German : C1 (B2, B1 Certified)

English : C1

French : B2

Arabic : Native Language

Certifications

- Microsoft Project Management PMP (05-2025)
- IBM Project Management Capstone (04-2025)
- CompTIA PACKT Advanced Tools for PMP (04-2025)
- Google Project Management PMP (03-2025)
- Diploma in Project Management Professional PMP (09-2024)
- Foundations of Agile & Scrum (04-2024)
- Foundations of Business Analysis BA (03-2024)
- Agile Certified Practitioner ACP (12-2023)
- Claim Handling Management (11/2023)

Education / Professional Training

Senior Technician in Management From 09/2015 to 06/2018

CSFMI Institute of management and industrial maintenance.

- 3 Professional Trainee of 2 months
- Finale grade: 16,07

Baccalaureate in Mathematics From 2012 to 2013

Volunteering Experience

Industrialization Manager (Freelance) From 11/2021 to 11/2021

NET Glass Comp. : Repair of machine and systems.

Motivation

Motivated by the opportunity and the challenging role where can I apply structured project management approaches and meticulous planning, to ensure that projects are completed efficiently, to the highest quality standards and that the business objectives are achieved.

Technical Skills

- SQL(Oracle, MySQL), PL/SQL, T-SQL (SQL Server)
- Power BI, Talend Open Studio
- Figma (UI/UX design)
- Back-end & OOP Development: Python, Java, Node.js (Express), RESTful API design, MVC architecture
- React.js, HTML5, CSS3, JavaScript
- Git, GitHub, GitLab
- Postman (API testing), Swagger
- Xray, Jira (test management & bug tracking)

Gefördert durch:



aufgrund eines Beschlusses des Deutschen Bundestages



Candidate ID :
Kand25_025

IT Sector

Data Analyst

Professional Experience

Business and Data Analyst

5 Years

KAMAsofts

- Led ECM implementation from scoping to deployment, including workflow modeling, access configuration, system integration (Oracle, AD), user training, and change management.
- Designed and executed PL/SQL-based ETL pipelines for data migration across Oracle and MongoDB, with validation via Postman and SQL checks.
- Developed React.js interfaces linked to ECM APIs, and conducted automated/manual testing with Xray, Jira, and Postman within agile project cycles.

SAP HCM Functional and Technical Consultant

2 Years

Kartosa

- Implemented and maintained SAP HCM and SuccessFactors integration, led HR scoping workshops, authored payroll/time management specs, developed ABAP reports (DSN), performed testing, ensured HR data integrity and consistency, and delivered TMA support with technical documentation.

Languages

German : A1

English : C2

French : C2 – Certified

Arabic : Native Language

Certifications

- PL-900: Microsoft Power Platform Fundamentals
- DP-900: Microsoft Azure Data Fundamentals

Education / Professional Training

Engineering Degree in Computer Systems

From 01/09/2012 to 25/08/2018

ESPRIT – Private Higher School of Engineering and Technology

Bachelor in International Business Administration

From 01/01/2013 to 01/06/2016

Montpellier Business School

High School Diploma in Mathematics

From 15/10/2007 to 25/06/2011

El Wafa High School

Motivation

My involvement in ERP and data migration projects, particularly with SAP, has given me firsthand insight into the German approach—methodical, quality-driven, and solution-oriented—which resonates deeply with my professional values. Leading implementations in Tunisia and Ivory coast, I admired how German companies blend rigorous planning with continuous innovation. I am eager to join a German organization where I can apply these principles across diverse technologies, drive high-impact digital transformation initiatives, and fully embrace Germany's renowned standards of precision and excellence.



Candidate ID : Kand25_026

Information Technology

IT Help Desk / Systems Administrator

Professional Experience

IT Technician

09/2024 - 12/2024

The National Institute of Statistics.

- Installed, maintained, and supported different computer environments.
- Provided end-user support, PC setup, and software upgrades.
- Offered technical support via phone and email.
- Assisted field enumerators and supervisors during Census with device and app issues.
- Enrolled and managed Android tablets for national Census operation.

IT Summer Internship

07/2018 - 08/2018

Ruspina Telecom

- Introduced on Zimbra Collaboration Solution to improve end-user experience assessment.
- Acquired knowledge about various types of network equipment can be used in IT department.

The End-of-studies Internship

02/2018 - 06/2018

Ruspina Telecom

- Worked with IT team for VoIP implementation using open-source solution Asterisk.
- Created Asterisk server configuration files and user accounts .
- Created and configuring Voicemail forwarding as Email.
- Ensured Asterisk server performance under stress test using Kali Linux tools.

IT Internship

01/2017 - 02/2017

Sabena Technics | Monastir International Airport MIR

- Created a Web-based human resource management software that helps manage HR operations.

Education / Professional Training

Systems and Network Bachelor Degree

09/2015 - 08/2018

Higher Institute of Technological Studies Sousse - Tunisia

Bachelor of Applied Computer Science

09/2013 - 06/2014

Higher Institute of Technological Studies Sousse - Tunisia

Baccalaureate diploma in Computer Science

09/2012 - 06/2013

Bourguiba High school Monastir - Tunisia

Motivation

I'm looking forward to learning more details about IT roles to be a member of a successful Team and grow professionally.

Technical Skills

- **Programming Languages** : C, JAVA, Python, PHP.
- **Web Development** : HTML,CSS, JAVASCRIPT, JSON.
- **Database** : Easy PHP, SQL, mongo DB, Oracle.
- **Security** : SSH, Linux Firewall, Fail2ban, SRTP, SSL, TLS.
- Open-source software.
- Windows Server.
- Linux UBUNTU.
- Microsoft Office.
- Open Office.

Languages

German : A1

English : B1

French : B2

Arabic : Native Language

Certifications

- Microsoft office Specialist (2019)



Candidate ID : Kand25_032

ICT / HRIS

Data Analyst / Business Analyst

- Power BI (DAX, Power Query)
- SQL (MS-SQL, PL-SQL)
- Excel (Power Query, VBA)
- Python
- Data Analytics with Python (In progress)

Professional Experience

Expert ICT System Analyst - HRIS
ADP

Since Jan.2025

- Automate data reporting and visualization
- Analyze payroll data to identify trends and optimize HR processes
- Animate training sessions for junior analysts

Team Leader – Functional Support
ADP

Mar.2022 - Dec.2024

- Monitoring and organizing tests for different payroll products
- Working with R&D through AGILE methodology (SCRUM framework)
- Monitoring assistance KPIs and optimizing them

Payroll Support Expert
ADP

Mar.2019 - Feb.2022

- Providing 3rd level assistance for payroll functional analysts
- Executing tests for payroll products
- Analyzing/escalating anomalies/bugs to R&D
- Animating training sessions for payroll functional analysts

Team Leader – HRIS functional analysts
ADP

May.2018 - Feb.2019

- Estimating, planning and monitoring the team's workload
- Establishing KPIs
- Actively partake in BPI projects

HRIS Functional Analyst
ADP

Jul.2010 - Apr 2018

- Managing a set of clients (total of 10k to 15k paylips)
- Implementing technical solutions
- Partaking in HRIS technical solutions implementations
- Cost estimation of projects

Languages

German : A2 (B1 in progress)

English : C1

French : C1

Arabic : Native Language

Certifications

- Professional Certificate in Agile Project Management
- Professional Certificate in Essential Technologies for Business (DEV OPS – AI – CLOUD)
- PL300 Power BI Data Analyst (In progress)

Education / Professional Training

MBA in ICT

From 01/2024 to 05/2024

Protected Consulting

Fundamental License in Management and ICT

From 09/2006 to 06/2009

FSEG Jendouba

Motivation

Germany stands in the podium of the most powerful economies in the world (3rd) with 70% of its GDP generated by the service sector, this generates so much Data that it will need more and more analysts to go through it and help make the right decisions for even better results and brighter future.

I wouldn't want to miss that future, not for me nor for my children, so I want to be an active member in it.



Deutsch-Tunesische
Industrie- und Handelskammer
اتحاد الصناعة والتجارة الألمانية-التونسية
Chambre Tuniso-Allemande
de l'Industrie et du Commerce

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

Candidate ID : Kand25_037

IT Sector

ICT, Cybersecurity & Infrastructure & Management

Technical Skills

- ESP32/ESP8266/Raspberry PI/STM32
- C/C++
- Python
- Pandas
- NumPy
- PyTorch
- Scikit-learn
- Matplotlib
- Git
- Docker
- OpenCV
- TensorFlow
- Keras

Professional Experience

AI Freelancer

Independent

Present

- Develop, Integrate and implement AI models
- Improve the performance of AI models and systems for scalability and real-time applications.
- Create prototypes to test AI applications and refine machine learning techniques

Intern

Grains Academy

April. 2025 - June 2025

- Developed an autonomous Drone System for Environmental Sensing in Agricultural Fields using AI
- Drone can be monitored using mobile and web application

Customer Service Representative

Transcom Tunisia

Aug. 2023 - May. 2024

- Utilized strong problem-solving skills to handle a high volume of customer interactions with accuracy.

Intern

Higher Institute of Computer Science

April. 2023 - June 2023

- Developed a prototype for a smart flowerpot based on IoT, Embedded systems and AI.

Education / Professional Training

Master in Smart Systems and Internet of Things

Higher Institute of Computer Science ISI Ariana .

Sep 2023 – June 2025

Bachelor in Embedded Systems

Higher Institute of Computer Science ISI Ariana

Sep 2020 - June 2023

- Majoring my Final year internship with excellence and highest honors

Baccalaureate in Experimental Sciences

Bardo High School

Sep 2019 - June 2020

Languages

German : A1

English : C1

French : B2

Arabic : Native Language

Certifications

- W3School: Certified C++ developer (professional)
- Solo learn: Certificate in theoretical and practical understanding of SQL
- IBM: Certificate in Cloud computing

Volunteering Experience

Community Manager

Creative Lab

Sep 2021 - June 2023

Member

Creative Lab

Sep 2020 - June 2023

Member

National Tunisian Children Organization

Sep 2015 - June 2020

Motivation

Keen to contribute to German artificial intelligence and Internet of Things sector following their known high standards via the skills acquired through my previous experience in machine learning. Adept at translating business needs into innovative data-driven solutions. Continuously learning new skills.



Candidate ID :
Kand25_081

IT Sector

Software Engineer

- **Programming Languages:** Java, C, C++, JavaScript, Python, PHP
- **Backend Frameworks:** Spring Boot, NodeJS, NestJs, ExpressJS, Flask
- **Frontend Frameworks:** ReactJS, Angular
- **Devops:** CI/CD, Docker, Jenkins, Kubernetes, Helm, Microsoft Azure, GitlabCI
- **Database:** SQL, PostgreSQL, MongoDB

Professional Experience

FullStack Engineer

Yellowsys

June 2024 – present

- Contributed to developing new features for the Meta Chatbot web app using NestJS, ReactJS, and MongoDB, wrote unit tests with Jest, integrated Azure AI Translator for real-time translation, and implemented notifications upon successful translations.

Fullstack & Devops Engineer

Harington

February 2023 – June 2024

- Worked on the open-source 'leto-modelizer' low-code platform by creating plugins in JavaScript and Vue.js using tools like Antlr and Nunjucks, building parsers and renderers, writing Jest unit tests, and handling CI/CD pipelines with Docker, Helm, Jenkins, Kubernetes and Azure.

FullStack Developer

Elitech

June 2022- January 2023

- Built a corporate website and content management system using Node.js, React.js, Express.js, and MongoDB, deployed through GitLab CI, Heroku, and OVH Cloud, enhanced SEO to increase customer reach, and maintained API documentation with Swagger.

Languages

German : A1

English : B1

French : B2

Arabic : Native Language

Certifications

- AI objective: learn about artificial intelligence (02/2022)
- CCNA1 (01/2022)

Education / Professional Training

National Diploma in Computer Engineering: Software Development Engineering

Higher Institute of Computer Science (ISI)

From 2020 to 2023

Bachelor's degree: Software Development Engineering

Faculty of Sciences of Tunis (FST)

From 2017 to 2020

Motivation

As a dedicated Fullstack and DevOps engineer, I'm enthusiastic about joining forward-thinking projects in Germany. With hands-on experience in modern technologies, CI/CD pipelines, and cloud infrastructure, I appreciate the precision and excellence of German engineering. I'm driven to grow my career, contribute within a collaborative team, and further enhance my German language proficiency.



Candidate ID : Kand25_082

IT Sector

Embedded System

Technical Skills

- Programming: C, C++, Embedded C, Python, Shell Script
- Hardware Description Languages: VHDL, Verilog
- Embedded System: STM32, ESP32, Arduino, Raspberry Pi
- Development Tools: STM32CubeIDE, STM32CubeMX, IAR EW, VS Code
- Tools: MATLAB/Simulink, Xilinx ISE, Proteus (ISIS), LabVIEW
- -OS: Linux, Windows

Professional Experience

Industrial engineer *From 10/2025 to present*
 Draexlmaier

- Improved production efficiency by resolving bottlenecks and reallocating tasks.
- Streamlined workflows through process enhancements.
- Supported technical changes and ensured team coordination

End of studies internship *From 02/2024 to 07/2024*
 SAGEMCOM

- Developed a new calibration bench architecture for electric meters.
- Assessed existing systems and redesigned hardware layout.
- Enhanced calibration performance with embedded C++ software

Summer Intern *From 06/2023 to 08/2023*
 Draexlmaier

- Project: Temperature Controller (PID)
- Defined system requirements and technical specifications.
- Designed and implemented a PID-based temperature regulation system

Languages

German : A1
English : B2- Certified (TOIEC)
French : B2
Arabic : Native Language

Certifications

Embedded system Training Program:

- STM32 (20 hours)
- C++ (16 hours)
- Embedded Linux (20 hours)

Training center: CSF - 2024

Soliya Virtual Exchange Program:

- Global teamwork and problem-solving skills development.- 2023

Education / Professional Training

National Engineering: *From 09/2021 to 07/2024*
Degree in Microelectronics and embedded system
 Higher Institute of Computer Science and Mathematics, Monastir

Bachelor Degree: *From 09/2018 to 06/2021*
 Science information and Communication Technologies
 Higher Institute of Computer Science and Mathematics, Monastir

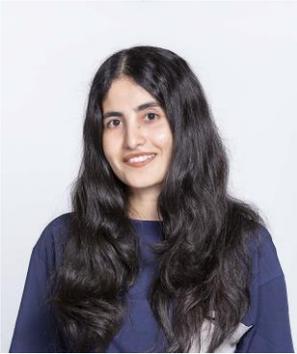
Volunteering Experience

HR Manager *From 04/2022 to 09/2024*
 IEEE RAS Chapter
 Higher Institute of Computer Science and Mathematics, Monastir

Assistant *From 09/2019 to 09/2021*
 Microsoft Club:
 Higher Institute of Computer Science and Mathematics, Monastir

Motivation

I'm excited to start my career in Germany's industrial sector because it offers great opportunities for growth and innovation, and I genuinely appreciate German culture and its values.



**Candidate ID :
 Kand25_083**

Cybersecurity

**SOC Analyst / Cybersecurity
 Consultant**

Technical Skills

- Network Monitoring
- Risk Assessment (EBIOS /ISO/IEC 27005)
- Pentest : OSINT, Maltego, Wireshark, Network View, Hydra, John The Ripper, Metasploit
- SIEM (Wazuh), OpenVAS, Sonarqube, Nessus
- DevOps & DevSecOps (Jenkins, Trivy, DefectDojo)
- Cloud Security (Azure)
- Web Dev: React, Node.js, Next.js, JavaScript
- Back-end: PHP, Python
- Database: MySQL, MongoDB
- Tools: Firebase, Jenkins, Maven, Dependency Check

Professional Experience

Graduation Internship 02/02/2025 – Current
 Innovation Technology Consulting (ITC)

- Implemented an ISO/IEC 27001-compliant Information Security Management System (ISMS) using an IT GRC platform.
- Conducted a gap analysis based on ISO/IEC 27002:2022 controls to identify compliance gaps and prioritize remediation actions.
- Participated in risk assessment methodology evaluation, comparing ISO/IEC 27005, EBIOS, and MEHARI to select the most appropriate approach.
- Performed on-site technical assessments to evaluate physical security controls and ensure alignment with ISO/IEC 27001 requirements.

Cyber Security Intern 01/07/2024 – 31/08/2024
 STB Bank

- Configured and managed virtual machines (VMs) to simulate real-world security environments, facilitating effective monitoring and incident response.
- Implemented a Security Operations Center (SOC) utilizing Security Onion, enhancing the bank's security posture by integrating various open-source security tools.

Graduation Internship + Search and Rescue Controller
 Rescue Coordination Center RCC Tunis 01/04/2022 – 01/02/2024

- Implemented procedures to structure communication, supporting the controller's security-focused mission.
- Developed an airport traffic management system in MATLAB using statistical analysis and data visualization.
- Coordinated and managed SAR (Search and Rescue) operations.

Languages

German : A1

English : ICAO Level 5 (equivalent to CEFR B2-C1)

French : C1

Arabic : Native Language

Certifications

- CCNA2 : Switching, Routing, and Wireless Essentials
- Cisco CyberOps Associate
- Cisco DevNet Associate
- Cybersecurity Fundamentals Certificate
- Partner: NDG Linux Unhatched
- Data Analytics Fundamentals
- Certificate of participation in search and rescue exercises SAREX

Education / Professional Training

Master's Degree in Information Systems and Infrastructure Security 09/2023 - Current
 Higher Institute of Computer Science (ISI)

Bachelor's Degree in Air Traffic Control 10/2019 – 08/2022
 Aeronautical Specialties School

Baccalaureate of Science 2017 - 2018
 Ibn El Baytar school

Volunteering Expérience

Member of **Tunibless** student initiative for volunteering and social impact

Motivation

I am seeking to apply my technical expertise and problem-solving skills in a forward-thinking company where innovation, security, and reliability are key priorities. Germany's strong engineering culture and commitment to excellence align with my values and career goals. I am eager to contribute to impactful projects, expand my professional experience, and integrate into a team that values quality and long-term vision.



Candidate ID :
Kand25_085

Cybersecurity

**Cybersecurity Engineering
Undergraduate**

- Python, SQL
- Wazuh
- Threat Intelligence : SIEM, Wazuh, ELK, OSINT, MISP
- Threat hunting & Incident Response : Ansible, Shuffle, TheHive, YARA, MITRE ATT&CK
- Logs analysis: Wireshark, Splunk
- AI & ML: TesnorFlow, PyTorch, NLP, Isolation forest, Pandas, Matplotlib
- Programming & Developpement : Python, Bash, Powershell, C++, JWT, OAuth
- Cloud & DevSecOps: Docker, GitLab CI/CD
- Audit & Pentest : ISO 27001, NIST, GDPR

Professional Experience

Threat Intelligence Analyst

10/2024- 05/2025

Academic Project

- Developed an AI-powered threat intelligence platform tailored for the healthcare sector, integrating automated detection, prediction, and risk mitigation to strengthen data security.
- developed custom dashboards, compliance alerts, and detection rules adapted to healthcare threats..

IAM Project Lead

02/2025 – 05/2025

BNA Assurances

- Designed and secured an IAM system integrating AD and Keycloak with automated provisioning to validate access control and threat resilience.
- Hardened and audited AD environments by securing group policies and implementing logging mechanisms in accordance with ISO 27001 standards.

Cybersecurity Intern

06/2024 – 08/2024

Orange Tunisia

- Preprocessed and cleaned over 8,000 email samples applying NLP techniques.
- Trained and evaluated multiple classification algorithms, achieving 92% accuracy,

Languages

German : A1

English : C1

French : C1

Arabic : Native Language

Certifications

- CCNA (Cisco Certified Network Associate)
- CyberOps Associate (Cisco Cybersecurity Operations Associate)

Education / Professional Training

Engineering Degree in Cybersecurity

From 10/2021 to 06/2026

The Private Higher School of Engineering and Technology (ESPRIT)

Summer School of Generative Ai

From 07/2025 to 08/2025

CESI school of Engineering – Paris, France

Climate Change Training

From 02/2024 to 04/2024

University of Oxford

Volunteering Experience

Member

From 06/2025 – 06/2025

Bonn Climate Camp - Germany

Member

From 10/2019 - Present

Youth For Climate Tunisia

Youth Delegate

COP26 – COP27 – COP28 – SB60 – SB62

Motivation

Eager to contribute to Germany's dynamic AI and cybersecurity sectors, leveraging my hands-on experience in machine learning and threat intelligence. Skilled at transforming complex challenges into data-driven solutions and always committed to learning and growth.



**ICT, CYBERSECURITY &
INFRASTRUCTURE
& MANAGEMENT**



Candidate ID : Kand25_115

Software & Embedded

DevOps Engineer / Python Developer

• Programming languages:

Java, HTML, CSS, JavaScript, Python

• Operating Systems:

Windows, Linux

• Frameworks:

Angular, Spring Boot

• IDEs & Development:

VS Code, Android Studio,
IntelliJ, Eclipse, Postman

• DevOps, CI & CD:

DevOps, Jenkins, GitHub

• Interfaces & Formats:

REST API, JSON, XML, UML

• Databases:

MySQL, Firebase

Professional Experience

Automotive Technical Writer Engineer

Oct. 2024 - May. 2025

PRIMATEC, TECHNICA member of KPIT

- Maintained Python API docs at CARIAD following Google Style Guide.
- Managed automated documentation deployment.
- Documented JIRA tickets to ensure billing accuracy and traceability.

Automotive Development Engineer

Mar. 2024 - Oct. 2024

jSERVICE

- Summarized tests and reviewed validation reports for Volkswagen components.
- Validated procurement, design, and type approval.
- Documented sensor and actuator production and coordinated with stakeholders for approvals.

Final Year Project Intern

Feb. 2023 - Jun. 2023

WEVIOO

- Built a website with dish details and pricing.
- Added admin tools for user, reservation, and data management.
- Enabled secure user accounts and meal ordering.

Languages

German : B1- Certified (ÖSD)

English : B2- Certified (IELTS Academic)

French : B2

Arabic : Native Language

Certifications

- DevOps Certificate -2024
- Scrum Fundamentals Certified -2022
- Linux System Administration 101 -2022
- Introduction to QHSE management and audit techniques according to ISO 9001, ISO 14001, ISO 45001, ISO 19011 - 2021

Volunteering Experience

Vice Chairwoman & Planning Manager

Mar. 2021 - Mar. 2022

Designed and built robots for competitions and organized the IEEE TSYP event.

Moderator – ENIS Open House Day

Nov. 2022 - Nov. 2022

Presented the fair and managed booth coordination for the electrical engineering event.

Education / Professional Training

National Electrical Engineering Diploma

Sep. 2020 - Jun. 2023

National Engineering School of Sfax, Tunisia

National Engineering Preparatory Cycle Diploma

Sep. 2018 - Jun. 2020

Faculty of Sciences of Sfax, Tunisia

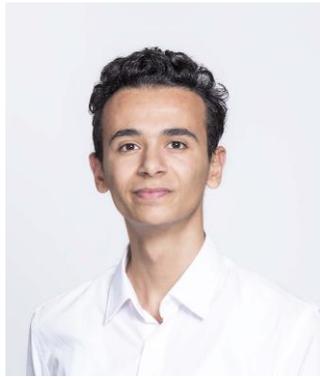
Baccalaureate Diploma

Sep. 2018 - Jun. 2020

High school november 15, 1955, Sfax, Tunisia

Motivation

Passionate about the German IT sector and eager to expand on my previous experience with German teams. I'm especially interested in opportunities in Munich, where I will be relocating on 01.07.2025 to grow technically and contribute to international projects.



Candidate ID : Kand25_001

Software Engineer

Full Stack JS Developer /
AI Engineer

Technical Skills

Web Development: Node.js, NestJS, Vue.js, HonoJS, PostgreSQL, MongoDB
DevOps & Tools: Docker, GitLab, GitHub, CI/CD (GitLab CI)
Machine Learning & AI: Hugging Face, Supervised / Unsupervised Learning, Deep Learning, Fine-tuning, Python

Languages

German : A1
English : C1
French : B2
Arabic : Native Language

Volunteering Experience

Vice President of Marketing *From 08/2022 to 01/2023*
 • Led local marketing initiatives and team coordination with marketing strategy to enhance the branding of the organization.

Vice President of Outgoing Global Talent *From 02/2022 to 01/2023*
 • Led local marketing initiatives and team coordination with marketing strategy to enhance the branding of the organization.

International Relations Manager *From 07/2021 to 01/2022*
 • Developed global collaborations and cross-cultural projects.

Certifications

• SCRUMstudy: Accreditation Body for Scrum and Agile - 2022.

Professional Experience

Software Engineer *Sep. 2025 -Present*
 Tekab Dev

- Built urJob, a Vue.js and NestJS platform connecting software firms with job seekers.
- Refactored codebase, cutting size by ~35% and improving maintainability.
- Added AI features: job matching, candidate profiling, and smart interview agents.

End of Studies Internship *Feb. 2024 - Jun. 2024*
 Tekab Dev

- Built Pro-recruiter, an AI hiring tool with classification, summaries, and chatbot.
- Fine-tuned and deployed models using Python and the Hugging Face platform.
- Created Angular UIs and HonoJS backends on Cloudflare Workers.

Backend Developer Summer Internship *Jun. 2023 - Aug. 2023*
 Tekab Dev

- Built an AI marketing assistant with Cloudflare Workers and HubSpot
- Integrated a chatbot for automated client interaction.
- Used GitLab CI/CD for streamlined deployment.

Education / Professional Training

Software Engineering Degree *From 09/2021 to 06/2024*
 Higher Institute of Computer Science and Multimedia of Sfax

Fundamental License *From 09/2018 to 06/2021*
 Higher Institute of Computer Science and Multimedia of Sfax

Baccalaureate *From 09/2014 to 06/2018*
 Abouloubeba school , Gabes Tunisia

Motivation

Strong software engineering background with a passion for user-focused applications. Experienced in AI-driven platforms and scalable backend systems. Eager to contribute to Germany's dynamic tech scene and grow in a culture known for technological excellence.



Candidate ID :
Kand25_003

Software Engineering

Full Stack

Technical Skills

- **Frontend:** React.js, Ant Design, Material-UI, HTML, CSS, JavaScript (ES6+)
- **Backend:** Express (Node.js), Spring Boot (Java), Django (Python)
- **Databases:** MongoDB, PostgreSQL, MySQL
- **DevOps:** Docker, GitHub Actions, AWS (EC2, S3, Lambda)
- **Security:** JWT, OAuth, Cryptography (AES, RSA)
- **Blockchain:** Solidity, Truffle, Web3.js, MetaMask
- **Testing:** Jest, JUnit, Postman

Professional Experience

Full-Stack Engineer (Internship) *02/2024 – 06/2024*

Dots Technology

- Built MERN web app for photo booth rentals
- Integrated RBAC/ABAC controls
- Improved UI/UX with React and Redux
- Dockerized app for scalable deployment

Blockchain Developer (Internship) *07/2023 – 09/2023*

National School of Computer Sciences (ENSI)

- Developed Ethereum dApp with Solidity
- Deployed via Infura and integrated MetaMask
- Managed events using Web3.js

Freelance Developer *05/2023 – 10/2023*

Fitness mobile App

- Flutter app for personalized meal planning
- Spring Boot backend with JWT auth
- Admin dashboard in React.js

Languages

German : A1

English : B2+ Certified (TOEIC)

French : B2

Arabic : Native Language

Certifications

- Hedera Certified Developer Exam
- IT Specialist – Database
- IT Specialist – HTML and CSS
- Scrum Foundation Professional (SFPC)
- Programming for Everyone (Python) – University of Michigan (Coursera)
- Introduction to AR and ARCore – Google (Coursera)
- Pirlpe Fundamentals Certification
- HTML, CSS, and JavaScript for Web Developers – Coursera

Education / Professional Training

Engineering Degree in Software Engineering *From 15/09/2021 to 10/09/2021*

Sesame University, Tunisia

Applied Bachelor's Degree in Computer Science *From 15/09/2018 to 14/07/2021*

Higher Institute of Computer Science of Mahdia (ISIMA), Tunisia

High School Diploma – Specialization in Mathematics *From 15/09/2016 to 15/06/2018*

Higher Institute of Computer Science of Mahdia (ISIMA), Tunisia

Motivation

I am a passionate software engineer with a solid background in full-stack development, cybersecurity, and blockchain technologies. I thrive in innovative, cross-cultural environments and continuously seek to expand my skills. Motivated by long-term growth, I aim to contribute meaningfully to forward-thinking tech teams.

Technical Skills

- **Cloud Platforms:** AWS, Azure, GCP
- **Infrastructure as Code:** Terraform, Ansible
- **CI/CD:** GitLab CI/CD, Azure DevOps, GitHub Actions, Jenkins
- **Containers & Orchestration:** Docker, Kubernetes
- **Monitoring & Logging:** Prometheus, Grafana, Fluentd
- **Version Control:** Git (GitHub, GitLab)
- **Scripting & Automation:** Python, Bash
- **Programming Languages:** Go, Java
- **Operating Systems:** Linux (Ubuntu, CentOS)
- **Security:** IAM, SSL/TLS, DevSecOps
- **Methodologies:** Agile, Scrum

Languages

German : A1

English : B2

French : B1

Arabic : Native Language

Certifications

- GCP Associate Cloud Platform
- Microsoft Azure Fundamentals AZ-900
- AWS Certified Developer – Associate
- AWS Certified Solutions Architect – Associate
- AWS Certified Cloud Practitioner
- CCNAv7 Introduction to Networks



Candidate ID :
Kand25_006

Information Technology & Software Development

DevOps & Cloud Engineer

Professional Experience

DevOps & Cloud Engineer

August 2024 - Present

Piterion GmbH

- Automated the provisioning and configuration for Teamcenter using Jenkins, Terraform, and Ansible across DEV and QA environments.
- Deployed cloud resources on AWS, including EC2, S3, IAM, and VPC, following IaC practices.
- Leveraged Prometheus and Grafana dashboards for proactive monitoring.

DevOps & Cloud Intern

February 2024 – July 2024

Piterion GmbH

- Designed Azure Virtual Desktop infrastructure for Siemens NX using Terraform and automated image creation with Packer.
- Implemented monitoring using Application Insights and automated scaling based on user activity via Azure Functions and Logic Apps.
- Built CI/CD pipelines with GitHub Actions and automated VM setup and configuration using PowerShell scripts.

Cloud Developer Intern

Juin 2023 – August 2023

Vermeg

- Led the migration of a big data compute engine from a Hadoop to a serverless solution.
- Designed a highly available architecture for data processing, leveraging technologies such as EMR Serverless
- Reduced costs by 4,2 times and decreased the execution time by 30%

Education / Professional Training

Engineering Diploma: Software Engineering

From 15/09/2020 to 05/07/2024

Faculty of Sciences of Tunis

Preparatory for Engineering

From 02/09/2019 to 15/07/2020

National Institute of Applied Sciences and Technology

Baccalaureate in Experimental Sciences

From 15/09/2018 to 30/06/2019

El Ahd El Jadid High School Thibar

Motivation

There are three things that make me the perfect fit for your project. First, I am truly passionate about automation, Second, I had a good deal of experience with public cloud providers AWS, Azure and GCP. Third, and perhaps most importantly, I had hands-on experience with end-to-end CI/CD pipelines.



Candidate ID : Kand25_007

Software Engineer

DevOps Engineer / Full Stack

Technical Skills

- **Languages** : Java, JavaScript, Shell Scripting
- **Cloud & DevOps** : Docker, Kubernetes, Ansible, Terraform, AWS, Helm, ArgoCD, Iac
- **Tools & Technologies** : Git, Jira, GitOps, Nginx, Linux, Rest APIs, WebSockets, Microservices, Unix
- **Soft Skills** : Project & Risk Management, Problem-Solving, Collaboration, detail-oriented
- **Databases** : SQL, MongoDB, HeidiSQL

Professional Experience

Full-stack developer *Sep 2024–Present*
 Inspark

- Developed and maintained responsive web applications.
- Streamlined deployment workflows by implementing CI/CD pipelines and containerized applications with Docker and K8s.
- Built RESTful APIs and integrated solutions for seamless data flow and scalability.

Backend Developer *Jan 2024–Sep2024*
 Medlink360

- Led backend development, collaborating the team for optimal software delivery.
- Designed and implemented scalable architectures
- Containerized applications with Docker, orchestrated deployments via Kubernetes, and managed Git Ops workflows

Mentor & Project Management Trainer *Aug 2024–Oct2024*
 U.S. Embassy

- Led training on project management tools including WBS, Gantt, RACI, OKRs, and Risk Management.
- Facilitated team exercises to develop structured project roadmaps.

Languages

German : A1.2
English : B2
French : C1
Arabic : Native Language

Personal Projects

- **Internal Developer Platform (IDP)** :
 Built a self-service platform using EKS, Terraform, and Docker to streamline infrastructure provisioning and CI/CD.
- **BackAppX (BAAS)** :
 Developed a MERN-based backend-as-a-service with Flutter integration for seamless mobile app deployment.

Education / Professional Training

Bachelor Degree in Computer Science *Jul 2021*
 High Institute of Technological Studies

Information Technologies Engineering Degree *Jul 2024*
 Higher School of Engineering and Technology

Motivation

I'm passionate about writing clean, reliable code, but even more passionate about building systems that help people across the world. I've mentored, collaborated across cultures, and I'm always looking for the next challenge that will help me grow and contribute.



**Candidate ID :
Kand25_008**

**Web Development/ Software
Development**

Fullstack Developer

- **Frontend:** Angular(RxJS), TypeScript, HTML5, CSS3/SCSS, Bootstrap, Angular Material,
- **Backend:** NestJS, Node.js, RESTful APIs, Swagger, java, Spring Boot
- **Database:** PostgreSQL, MySQL, MongoDB, TypeORM
- **Tools:** Git, Docker, Postman
- **Testing:** Jasmin, Karma

Professional Experience

Fullstack Developer

03/2021-Now

Digital Integrated Solution

- Developed and implemented RESTful APIs.
- Developed and implemented responsive web applications.
- Optimized application performance.

Internship developer

11/2019– 02/2020

FH Darmstadt, Germany

- Designed, developed a software module to securely control access.
- Assigned roles and provided access based on these roles.
- Allowed users to update their personal details, settings, and preferences.

Internship developer

12.2018 - 04.2019

FH Darmstadt, Germany

- Developed a WebRTC module using AngularJS,Node.js and MongoDB.
- Enabled real-time audio, video, and data communication between clients.
- Integrated the module into an existing e-learning system.

Education / Professional Training

Studies in Computer Science

From 15/03/16 to 31/12/20

Hochschule Darmstadt, German

Studies in Computer Science

From 15/03/12 to 14/03/16

TU Darmstadt, Germany

Engineering degree in Computer

From 15/09/02 to 30/06/08

National Engineering School of Tunis, Tunisia

Languages

German : B2 Certified (Goethe)

English : B2 Certified (Bourguiba School)

French : C1

Arabic : Native Language

Certifications

Completed 40 hours of online training on CI/CD concepts – 2025

Angular 18 applications with the new Signals API - 2024

Motivation

Germany's focus on innovation and technology makes it the ideal place for me to develop my career as a full-stack developer. The country's commitment to digital transformation provides the perfect environment in which to utilise my expertise in creating scalable solutions. I am eager to join a community that values quality, precision, and sustainable development.



Candidate ID :
Kand25_009

Software Engineering

Fullstack Developer

Technical Skills

- **Programming Languages:**
TypeScript, JavaScript, PHP, Python
- **Frameworks & Libraries:**
NodeJS, NestJS, Symfony, Laravel, Flask
FastAPI, Vue, Angular, React, Quasar
Tailwind
- **Tools & Platforms:**
Azure, AWS, Redis, CosmosDB, Docker
SonarQube, Jest
- **Methodologies:**
Agile (Scrum), Microservices
architecture, API Development

Professional Experience

Fullstack Developer

Jan. 2024 – Present

Forvia

- Created scalable backend systems using (NestJS) and Microservices.
- Enabled real-time data flow via Azure CDC & ingestion pipelines.
- Boosted user engagement 25% with Vue.js & TypeScript interfaces.

Fullstack Developer

Feb. 2022 – Dec. 2023

Inetum

- Built secure APIs with PHP Symfony & Laravel.
- Collaborated with clients to adapt solutions to evolving needs.
- Integrated seamlessly with React, Angular & Drupal frontends for smooth user experiences.

Fullstack Developer & CTO

Sep. 2018- Oct. 2019

House Stark Coworking Space

- Co-founded the first co-working space in my city at the age of 20.
- Designed and developed a booking system with Vue.js and Symfony
- Enhanced user experience and backend performance, leading to a 20% rise in customer retention.

Languages

German : A1

English : B2 – (TOIEC Certified)

French : B2 – (DELFI Certified)

Arabic : Native Language

Certifications

- PHP Certification
- React + Redux Certification
- Angular + NestJs Certification
- NodeJS Certification

Education / Professional Training

Master's Degree, Software Engineering

From 09/2019 to 20/2022

Polytechnic School of Sousse

Bachelor's Degree, Computer Science

From 09/2016 to 06/2019

ISTICOM Hammem Sousse

Baccalaureate Degree, Computer Science

From 09/2012 to 06/2016

Farhat Hached High School M'saken

Volunteering Experience

Team member

From 11/2020 to 02/2023

AIESEC Hadrumet

Department Lead

From 10/2016 to 01/2019

Youth Council M'saken

Motivation

I'm drawn to Germany's IT sector because of its strong focus on innovation and quality. I want to grow my skills by working on meaningful projects and learning from talented teams. Taking this international step excites me, it's a chance to broaden my experience and embrace new challenges.



Candidate ID :
Kand25_010

Software Engineering

IT Engineer

- Salesforce
- React
- Vue
- Javascript / Typescript
- Apex
- REST API
- Flutter

Professional Experience

Salesforce Developer

3 years

INETUM

- Implementation of a solution capable of managing the sales process as well as the service process
- Technical design of the solution, validation and integration
- Analysis and incidents resolution
- Writing the macro-conception and the functional/technical specifications for the solutions

FullStack js Developer

1 year

Carnelian Digital Innovation

- Design of an e-commerce application for Medicenter pharmaceutical products
- Implementation of various functionalities (online showcase, selections of products according to type, category and sellers, favorites list , shopping list and online payment

FullStack js Developer

1 year

Carnelian Digital Innovation

- Development and design of the application user interfaces
- Analysis of students' performances
- Implementation of various functionalities related to students, teachers and the administration
- Management of courses, activities, quizzes, events and grades

Languages

German : A2

English : C1

French : C1

Arabic : Native Language

Certifications

- SCRUM certification (UDEMY)
- FULLStack JS developer (GOMYCODE)
- 2023 Salesforce Certified Platform 1 Developer
- 2023 Salesforce Certified Administrator
- 2024 Salesforce IA associate

Education / Professional Training

BS in Software Engineering

From 2016 to 2020

ESPRIT

Engineering studies

From 2014 to 2016

TUNIS PREPARATORY ENGINEERING INSTITUTE

High School degree

From 2010 to 2014

15 OCTOBER PIONEER HIGH SCHOOL

Motivation

Over the past five years, I've navigated two complementary worlds: leading Salesforce customizations that turned data into actionable sales insights, and architecting full-stack JavaScript applications that deliver seamless user experiences. Now, I'm ready for my next challenge in Germany, where the focus on quality, continuous learning, and teamwork aligns perfectly with how I love to work: hands-on, collaborative, and results-driven.



**Candidate ID :
 Kand25_011**

Software Engineering

Software Engineer / Backend Engineer

Technical Skills

- HTML | CSS | Javascript | Typescript
- Node.js | React | ExpressJS
- Python
- Git | Github | GitLab
- GitLab CI | Github Actions
- SonarQube
- MySQL | MongoDB
- Kafka | RabbitMQ
- Linux | Bash
- Apache | Nginx
- Docker
- Terraform
- AWS
- Grafana | Prometheus

Professional Experience

Software Engineer *Feb. 2024 – CURRENT*

Armada Delivery Solutions

- Developed and deployed scalable dashboards and audit tools to enhance visibility and compliance.
- Built GitHub integrations and automated workflows to streamline auditing and ensure consistency.
- Improved performance and reliability with optimized APIs, state management, and 85%+ test coverage.

Web Development Intern

FinLogik Offshore Solutions *Jul. 2023 – Aug. 2023*

- Built a real-time monitoring system with a high-performance WebSocket proxy for enhanced visibility and responsiveness.
- Designed a scalable, maintainable framework and automated CI/CD workflows with GitHub Actions.
- Ensured code quality and reliability with 77.9% test coverage using SonarQube.

Web Development Intern

MRTech Solutions *Jun. 2022 – Sep. 2022*

- Built a full-stack web app for small businesses to manage stock and finances efficiently.
- Designed a structured database and developed a REST API with 35 endpoints for seamless operations.
- Created a user-friendly React interface and ensured reliability with 70+ PHPUnit tests.

Languages

German : A1

English : B2

French : B2

Arabic : Native Language

Volunteering Experience

Github's Tunisian Community *Feb. 2022 - CURRENT*

Co-Organizer

Organizing online talks and events for IT enthusiasts in Tunisia, featuring high-profile speakers.

JCI ENIT *Feb. 2020 - Feb.2021*

Organizing Committee President

Organized a hackathon in partnership with Tunisian Smart Cities to develop digitized solutions for municipalities.
 Event Date: July 18-19, 2020.

Education / Professional Training

National Software Engineering Degree *Sep. 2021 – Oct. 2024*

ESPRIT: Private School of Engineering and Technology

Preparatory School Diploma *Sep. 2019 – Jul. 2021*

Preparatory School for Engineering Studies El Manar

Baccalaureate Degree *Sep. 2015 - Jun. 2019*

Monastir Pioneer High School

Motivation

I like turning unclear specs into clean, working software, ideally with some coffee nearby. I care about building systems that solve problems, not create new ones. Germany's focus on engineering and quality is a great match for how I like to work. I'm not in it for buzzwords or job titles, just good teams, real challenges, and meaningful work.



Candidate ID : Kand25_013

IT Sector

Software Engineer / Developer

- C#, JavaScript, Java
- .NET Framework / ASP.NET Core
- Xamarin
- Git, SVN
- Azure
- Dynamics 365/Power Apps
- SQL, postgresql
- Requirement Analysis
- Presentation Skills
- UML and BPMN Modeling

Professional Experience

Software engineer

Sep. 2025 - Present

IXIN

- Designed and maintained scalable enterprise apps using ASP.NET Core, .NET MVC, and Xamarin.Forms, aligning solutions with evolving business needs.
- Optimized data access and performance with Entity Framework and NHibernate, while prototyping modern UI approaches with Blazor and .NET MAUI.
- Collaborated in agile teams, managing code with Git/SVN and

Deep Learning Research Engineer

Feb. 2023 - Jul. 2023

EY

- Designed and customized a Power Apps CRM for the insurance sector.
- Translated stakeholder requirements into functional CRM features.
- Built custom workflows and plugins for seamless system integration.
- Automated workflows with Power Automate to reduce manual tasks.
- Collaborated on requirements and built Dynamics 365 solutions.

Languages

German : A1

English : C1 – TOEIC/ 970

French : C1 – TCF

Arabic : Native Language

Certifications

- Microsoft Dynamics 365 Fundamentals Finance and Operations (ERP)
- ESB : Entrepreneurship and Small Businesses

Education / Professional Training

Software Engineering Degree

From 09/2020 to 09/2023

École Multidisciplinaire Internationale (EPI)

-Sousse

Bachelor Of Business Computing

From 09/2017 to 09/2020

Higher Institute Of Management of Sousse

Volunteering Experience

Global Volunteer From 08/2018 to 09/2018

AIESEC - Morocco

Taught young children the basics of French, English, and computer science.

Motivation

I am motivated to relocate to Germany for both professional and personal reasons.

Professionally, the strength of Germany's tech industry aligns with my career aspirations, offering opportunities for growth and continuous learning. Personally, I have a longstanding interest in German culture and society, and I am eager to contribute to and integrate into this environment.



Candidate ID :
Kand25_014

Software / Web / Game Development

Fullstack Engineer / Game Developer

Technical Skills

- **Programming Languages:** Python, C#, Knowledge of Java, C and C++
- **Backend Development:** FastAPI (Python)
- **Frontend Framework:** React, Knowledge of Angular and VueJS
- **Databases:** MongoDB, Knowledge of SQL
- **Game Development:** Unity 3D, Knowledge of 3D modelling (Blender)
- **Design Tools:** Figma, Adobe XD, Adobe Photoshop

Professional Experience

Fullstack Engineer & Project Manager *Mar. 2022 - Present*
 Hope Horizon (Tunisian Startup)

- UI/UX and graphical charter design of a global healthcare platform
- Organization of work within a small team of 3 developers
- Fullstack development using React & Python (FastAPI)
- Mentoring of multiple small teams of interns (composed of around 4 interns) on small projects or features related to the healthcare platform

Intern for an End of Studies Project *Feb. 2021 - Oct. 2021*
 Hope Horizon (Tunisian Startup)

- Fullstack development using Vue JS and Python (FastAPI) of a dedicated data collection platform for partner hospitals
- Analysis of collected data and model training for hospital emergency patients' diagnosis prediction

Intern for a Summer Internship *Aug. 2019 - Sep. 2019*
 Las Media's

- Design and implementation of a behavioural AI system with pathfinding functionality for NPCs (non-player characters) in a game developed in Unity

Languages

German : A1

English : C2

French : B2

Japanese : A1

Arabic : Native Language

Volunteering Experience

Social Media Manager *Oct. 2018 - Oct. 2021*
 INSAT Press

Graphic Designer *Oct. 2018 - Oct. 2021*
 Several university associations at INSAT

Member *Oct. 2015 - Jun. 2018*
 Creative Lab (ISI), Art Box (ISI)

Education / Professional Training

National Diploma In Computer Engineering *Sep. 2018 - Oct. 2021*
 Institute of Applied Sciences and Technologies (INSAT)

National Diploma Of Fundamental License *Sep. 2015 - Jun. 2018*
 Higher Institute of Computer Science (ISI)

Baccalaureate in Mathematics *Sep. 2011 - Jun. 2015*
 Pioneer Secondary School Menzah 8 - Beyram 5 (LPM8)

Personal Interests

- Digital Painting & Drawing
- Video Games and TTRPGs (Running a story-focused campaign for a group of friends since 2021)
- Miniatures painting and crafting
- Cooking
- Japanese culture

Motivation

Since a 2014 student exchange, Germany has been my dream destination. Joining the German IT sector would give me the chance to pursue my dream and to establish myself in a country that values skilled workers while staying up to date with the latest advancements in technology.



Candidate ID :
Kand25_021

Cloud Computing

Platform Engineer

- Python
- Go
- AWS /Azure
- Kubernetes
- Docker
- Github Actions/CircleCI
- Terraform
- Grafana

Languages

German : A2

English : B2

French : B2

Arabic : Native Language

Professional Experience

Co-Founder & Technical Lead

6 years

Bouquiniste Startup Ltd

- Led tech for a platform with 5,000+ book exchanges
- Built AWS infrastructure (~40% costs)
- Oversaw product, ops, and support.

Cloud Infrastructure Consultant

1 year

Freelance

- Built scalable IaC with Terraform.
- Advised on cloud architecture and CI/CD for reliability
- Optimized Kubernetes for cost, sustainability, and security

Multi-Player Game Infrastructure

7 Months

Siemens Healthineers

- Thesis: Designed a 3D cloud-based multiplayer virtual escape room game for cybersecurity awareness training.
- Built and deployed game on AWS with Unity, Docker, and Kubernetes
- Cut infra costs by 30% with compliant setup.

Awards & Open Source

- HackBay Hackathon '2024 Nuremberg, Germany : Overall Best (First place)
- Microsoft CameraTraps - PR #560: Reduced image size and improved processing efficiency for wildlife detection.
- Hugging Face LeRobot - PR #751: Optimized Dockerfile for better build performance.

Certifications

- Certified Kubernetes Administrator (CKA)
- Certified Kubernetes Security Specialist (CKS)
- Certified AWS Solutions Architect Associate (AWS SAA-2022)

Education / Professional Training

MSc. in Advanced Engineering of Robotic Systems & AI (Remote)

From 15/09/24 to 15/06/26

Higher National Engineering School of Tunis

BSc. in Internet of Things Networks (IoT)

From 15/09/21 to 15/06/24

Virtual University of Tunis

DevOps Engineer Nanodegree

From 02/12/20 to 15/08/21

Udacity

Community Engagement

- Founder, CNCF Cloud Native Djerba
- DPSG Scouts ,Nuremberg
- Tunisian WildLife Association ,
- AI & Robotics Volunteer

Motivation

Driven by a passion for scalable systems and continuous innovation, I am eager to contribute my expertise in infrastructure, automation, and cloud technologies to build resilient platforms that empower teams and accelerate delivery.



Candidate ID :
Kand25_022

Information Technology & Software Development

IT Services & Web Development

Programming Languages and Frameworks:

- PHP / MySQL
- Laravel
- Angular
- C / C#

Development Environments / Local Servers:

- XAMPP
- WAMP

CMS (Content Management Systems):

- WordPress
- PrestaShop

Operating Systems:

- Windows
- Linux

Adobe Creative Suite:

- Adobe PhotoShop
- Adobe Premiere Pro

Microsoft 365 Copilot

Professional Experience

Assistant Professor

Feb. 2023 - Present

EPI SUP

- Trained over 300 students in Cybersecurity fundamentals and Web Development, contributing to improved class pass rates.
- Supervised over 50 final-year students for their End-of-Study Projects (PFE), guiding them from project ideation to technical implementation and defense preparation.

Assistant Professor

Feb 2021 — Feb 2024

ISET SOUSSE

- delivered virtual reality and Unity3D development training, resulting in student-created VR prototypes.
- Helped increase student engagement and creativity through project-based learning.

IT Engineer

Nov 2021 — Oct 2022

North Performance Call Center

- Maintained and enhanced multiple company websites using modern frameworks.
- Provided IT support and managed infrastructure for 40+ employees.
- Designed visuals and banners using Adobe Photoshop.

Education / Professional Training

Master in Software Engineering and Rapid Application Development.

From 09/2018 to 06/2020

ISET Sousse

Bachelor Degree in Multimedia and Web Development.

From 09/2015 to 06/2018

ISET Sousse

Baccalaureate in Computer Science.

From 09/2014 to 06/2015

Jemmel Secondary School

Languages

German : A1

English : B2

French : B1

Arabic : Native Language

Certifications

Artificial Intelligence & Deep Learning:

Generative AI with Diffusion Models
NVIDIA DLI — 2025

Fundamentals of Deep Learning
NVIDIA DLI — 2024

Programming & Cybersecurity:

Introduction to Cybersecurity
Cisco Networking Academy — 2024

Project & Process Management:

Six Sigma Yellow Belt
6sigma Study — 2024

Scrum Fundamentals Certified
SCRUMstudy — 2023

Motivation

I am a passionate IT professional and educator with a strong foundation in software engineering, web, and game development. I thrive in innovative, multicultural environments and am eager to contribute to Germany's advanced tech ecosystem. My goal is to apply my skills to real-world challenges while continuing to grow within a forward-thinking team.



Candidate ID : Kand25_023

Software & Web Development & Embedded Systems

SAP Supply Chain Consultant

Technical Skills

- SAP S4HANA
- SAP PublicCloud
- SAP PP
- SAP PPDS
- SAP MM
- SAP CBC
- SAP ECC
- Postman
- SAP API's
- Excel

Professional Experience

SAP PublicCloud Activities

Apr. 2025 - Present

Neapsys

- Delivered internal presentations, supported SAP Public Cloud adoption, and collaborated on knowledge sharing across teams

SAP SC Consultant – Delivered Global SAP Projects Across China, France ,Canada & the UK

Sep. 2022 - Jan. 2025

PwC

- Configured SAP PP/PPDS Profiles, heuristics, integration models, and master data
- Delivered Test execution (SIT/UAT) , client demo sessions, End-User Training, Cutover activities, and Go-live support for Several clients
- Configured SAP MM in SAP CBC and maintained Master data in S/4HANA Public Cloud
- Designed and implemented a Customs Clearing Solution in SAP S/4HANA Public Cloud for Canada Border Security Agency (CBSA), using core MM and TM functionalities

SAP YPP – S/4HANA Top 25 Trainee

Apr. 2022 - Jul. 2022

SAP

- Completed a competitive program (1,000+ applicants), gaining hands-on experience in core modules, and soft skills like public speaking and communication. Earned two official SAP certifications

Languages

German : B1

English : C1

French : B2

Arabic : Native Language

Certifications

- SAP S4HANA Business Process Integration (TS410) – 2022
- SAP Activate Project Manager - 2022

Education / Professional Training

German Language Courses B1

Apr. 2025 - Jul. 2025

Goethe Institute Tunis

Engineering degree in Electromechanics specialized in Industrial Management

Sep. 2016 - Dec. 2021

ESPRIT School of Engineering

Associative Experience

ESPRO Junior Enterprise

Sep. 2019 - May. 2020

Member, Project Coordination & Delivery

YOUROBOT

Sep. 2018 - May. 2019

Robotics Member, Experimental Projects & Challenges

Motivation

Working with SAP daily has shown me how innovative and precise German technology can be. I first experienced the country's culture in 2014 while living in Freiburg, and it left a lasting impression. Now at B1 level in German, I'm eager to grow further, professionally and culturally, by contributing my SAP expertise in a dynamic team.



Candidate ID : Kand25_028

Data Science | Software Development

AI & Machine Learning | Backend
Engineer

Programming Languages:

- Python, Go, Java, C++, R, Dart, SQL, PLSQL, JavaScript, HTML/CSS, TypeScript

Frameworks and Libraries:

- Django, FastAPI, NumPy, TensorFlow, Keras, PyTorch, OpenCV, Pandas, Selenium, Langchain, BeautifulSoup, Playwright, PySide6, PyQt, Celery, React, Next.js, Flutter, Spring Boot

Tools and Technologies:

- AWS, Microsoft Azure, GCP, Docker, RabbitMQ, PySpark, Hadoop, GitHub, OpenAI Gym, REST APIs, GraphQL, UiPath, MCP, N8N, Ollama, MongoDB, PostgreSQL, Labelling, Roboflow, Pgvector, Elasticsearch, PowerBI, Proxmox, NS3, Ubuntu, Windows

Specializing Knowledge:

- Machine Learning, Deep Learning, Deep Reinforcement Learning, LLMs, NLP, RAG, GenAI, Prompt Engineering, Object Detection, Computer Vision, Data Mining, Big Data, Data Science, ETL

Project Management & Methodologies:

- Agile, Scrum, Jira, Kanban

Professional Experience

Data Engineer

Jan. 2025 - Present

Affigen Sarl

- Web scraping using BeautifulSoup, Selenium, Playwright from 60+ sources.
- Performed MongoDB database cleaning and deduplication, reducing records from 16 million to 3.7 million.
- Developed a custom Odoo module to manage file uploads and storage on DigitalOcean CDN, handling 1TB+ of data with 99.9% up-time, while streamlining business processes and reducing manual effort by 40% across 5+ departments.

Backend Engineer

Feb. 2024 - Jan. 2025

Sphere Digitale

- Designed and implemented a microservices-based RAG system with REST APIs, enabling users to upload documents (txt, pdf, docx, excel, csv, img) and query information using advanced Large Language Models (LLMs) such as OpenAI, LLaMA 3.1, Gemini and Mistral.
- Developed an AI-driven ERP system featuring a chatbot and OCR capabilities to automate and streamline business processes.

Deep Reinforcement Engineer

Mar. 2024 - Oct. 2025

FST Labs

- Researched and optimized network routing in remote rural areas by developing a self-managing SDN architecture, implementing a Dueling Double DQN (Deep Reinforcement Learning) agent to enhance Quality of Service (QoS) through intelligent routing decisions.

Computer Vision Engineer

Feb. 2024 - Oct. 2025

HI Services

- Developed a mobile application using Flutter and TensorFlow to identify ingredients in Tunisian dishes and calculate calorie content.
- Created and annotated a large dataset of Tunisian food images (25K img), training a custom object detection for accurate ingredient recognition.

Education / Professional Training

Master of Science in Computer Science

From 09/2021 to 10/2023

Faculty of Sciences of Tunis (FST)

Bachelor's degree in Computer Science

From 09/2018 to 07/2021

Faculty of Sciences of Tunis (FST)

Languages

German : A1

English : C1

French : B2

Arabic : Native Language

Certifications

- Data Engineering – 2025
- Build Guardrails for Your AI with Open Source – 2025
- DataBricks LakeHouse Fundamentals – 2025
- Hedera Hashgraph Developer - 2025

Motivation

Motivated by a passion for innovation and global collaboration, I inspire to contribute to the dynamic German IT landscape known for its engineering excellence and forward-thinking technology culture.



Candidate ID : Kand25_072

Mechanical Industry

Mechanical Design / Embedded Systems

Technical Skills

• Programming Languages

C/C++ | C# | Python | FPGA | VBA

• CAD - Mechanical

SolidWorks | Autocad | Catia

• CAD - Electrical

Proteus | Altium | TIA Portal | Labview

• Microcontroller

Arduino | STM32 | Xilinx | ESP32 | PIC

• Mathematics

Matlab | Maple

• Car diagnosing tools

ESI [TRONIC] | Diagbox | Delphi | VCDS

• Microsoft 365

Professional Experience

Startup Founder

Apr. 2023 - Present

Zayka Motors

- Supervising and ensuring high quality services
- Thinking about new strategies to enlarge the business field
- Overseeing and participating in complex vehicle retrofits upgrades

Chief Technology Officer

Sep. 2020 - Mar. 2023

Vulcain

- Designing products and estimating their cost
- Managing the entire supply chain
- Leading a team

Mechanical Technician - Internships

One month each

Bosch / Peugeot / Mercedes

- Car maintenance services
- Diagnosing
- Assisting in complex repair services

Languages

German : B1

English : C1

French : C1

Arabic : Native Language

Certifications

• Fundamentals of deep learning for computer vision (Nvidia) - 05/2019

• Mechanical design associate (SolidWorks) - 10/2016

• Mechanical design professional (SolidWorks) - 12/2016

• Simulation associate (SolidWorks) - 12/2016

• Advanced drawing tools (SolidWorks) - 12/2016

Education / Professional Training

Engineering Degree - Mechatronics

From 09/2017 to 10/2023

Private Higher School of Engineering and Technology

Professional License - Mechatronics

From 09/2014 to 06/2017

Higher Institute of Technological Studies - Rades

Baccalaureate - Technical

From 09/2010 to 06/2014

Carthage Presidency

Motivation

I am driven by the challenge of solving real-world technical problems, I want to become the person that anyone will think about when facing a technical issue or looking for improvements, I managed to reach that goal first in my family, throughout my university education then during my professional career. I am now seeking to apply this experience in a dynamic, international environment where I can continue to grow, contribute to innovative projects, and adapt to new challenges.



Candidate ID :
Kand25_079

Software Developer

BackEnd Developer

- **Programming Languages** : HTML, CSS, PHP, JS
- **Frameworks** : Laravel , Lumen
- **Version Control & Project Management** : SourceTree, Gitlab, Trello
- **Web Hosting Tools** : Filezilla Plesk Forge CMS
- **Platforms** : WordPress, Prestashop, Shopify

Professional Experience

Software Developer *Sep.2022 – Present*

ADS Mania

- Developed and maintained web applications using Laravel and Lumen frameworks.
- Built and customized e-commerce websites using WordPress, PrestaShop, and Shopify.
- Designed and implemented custom modules for PrestaShop and Shopify to enhance store functionalities.
- Managed server environments using Forge, Plesk, and other hosting tools.

Web Developer *Mar.2022 – Aug.2022*

ANOHA Digital

- Designed and developed responsive websites.
- Ensured cross-browser compatibility and optimized performance.
- Collaborated with designers and project managers to deliver high-quality digital solutions.

Web Developer *Dec.2020 – Mar.2022*

Astronet Marketing Digital Agency

- Designed and developed custom websites using WordPress and PrestaShop.
- Ensured website responsiveness, performance optimization, and SEO best practices.
- Collaborated with clients and team members to deliver effective digital solutions.

Languages

German : A1

English : B2

French : B1

Arabic : Native Language

Motivation

I am a software developer with over four years of experience in building web and e-commerce applications using Laravel, WordPress, and PrestaShop. I am currently completing my engineering degree in Software Development at EPI Digital School. I am highly motivated to join your company to expand my career in Germany, gain international experience, and contribute my technical skills to a dynamic team. This opportunity represents a great step forward in my professional and personal development.

Education / Professional Training

Software Engineering *Since 09/2022*

EPI Digital School – Sousse, Tunisia

Trainee *From 02/2022 to 06/2022*

Terraform Group

Bachelor Degree in Business Computing *From 09/2017 to 09/2020*

Higher Institute of Management (ISG) – Sousse, Tunisia

Baccalaureate in Economy and Management *From 09/2016 to 09/2017*

Erriadh High School – Sousse, Tunisia



Candidate ID :
Kand25_080

Embedded Systems

Embedded Software Engineer

Programming & Scripting Languages:

C, C++, Python, Bash, Shell Scripting

Debugging and troubleshooting

Tools: IAR Embedded Workbench, STM32CubeIDE, Code::Blocks, Qt, Altium designer, Fusion 360, Ltspace

Communication protocols: UART, SPI, I2C, CAN, Modbus, SOME/IP, MQTT, TCP/IP

Microcontrollers: STM32, ARM, PIC, ESP32, Raspberry Pi, FPGA

Machine Learning: Supervised, Unsupervised Learning, ELM, Time Series, ANN, CNN, Pruning Techniques

OS: Windows, Linux, FreeRTOS

Methodologies: Agile, Scrum

Professional Experience

Embedded Software Engineer (DAAD Scholarship)

Feb. 2024 - Aug. 2024

Professur Mess- und Sensortechnik (MST)

Chemnitz, Germany

- Developed an embedded system of a wireless, wearable EMG sensor, enabling real-time data transmission with stable, high-speed TCP/IP communication.
- Developed a novel adaptive dynamic, real-time segmentation algorithm ensuring efficient and responsive performance.
- Created a gesture classification algorithm using pruned Extreme Learning Machine for high accuracy and reduced testing times in real-time applications.
- Designed a PCB for a wireless, wearable sEMG sensor with an integrated ADC for enhanced signal processing and UART communication.

Tech : C++, ESP32, ADC, UART, Python, Qt, Machine learning, Raspberry Pi 5, Fusion 360, LTSpice

Embedded Android Intern

Jun. 2023 - Aug. 2023

Primatec Engineering

Tunisia

- Generated an Android emulator using the Android Open-Source Project on a Linux system.
- Established the Communication between Android emulators using the SOME/IP protocol (Publish/Subscribe architecture).

Tech : Linux, SOME/IP, AOSP, bash, CMakefile, Makefile, bootloader

Languages

German : A2

English : C1

French : C1

Arabic : Native Language

Projects

• STM32 Vehicle Project

Tech: C, STM32, ESP82, ADC, UART, PWM, Qt

• Intelligent Irrigation System

Tech: C++, ESP32, MQTT, Node-RED (GUI)

• Embedded Linux project

Tech: Yocto, QEMU, Poky, BitBake

Certifications

• Professional Embedded Systems Training (130H)

Higher Training Center in progress

- Embedded C
- Architecture of STM32 microcontrollers
- FreeRTOS (STM32)
- C++ and Qt
- Embedded Linux

• Debugging Techniques for Serial Communications (I2C/SPI/UART)

Microchip 2023

• ISTQB Foundation Level Training

Primatec Engineering 2024

Education / Professional Training

Electronics and Communication Engineering

From 9/2021 to 10/2024

National School of Electronics and Telecommunications

Preparatory for Engineering Studies

From 09/2018 to 07/2021

Preparatory Institute for Engineering Studies of Tunis

High school diploma (Mathematics)

2018

Motivation

Motivated embedded software engineer inspired by German engineering culture and discipline, with a strong passion for exploring new hardware architectures and developing reliable low-level drivers. Eager to work on real-time intelligent systems, with a focus on performance, precision, and robustness in task management and system design.



Candidate ID :
Kand25_087

ODOO Developer (ERP)

Software Developer / Fiber Optic Engineering

- **Programming languages :** Python, XML ,CSS
- **ERP Systems:** Odoo
- **Simulation/Design Tools:** AutoCAD, QGIS , Labview , Arduino, Proteus
- **Tools:** Git, Github, AWS
- **Operating Systems:** Linux, Windows
- **Networking:** Familiar with fiber optic technologies

Professional Experience

Odoo Developer (ERP Systems) *Feb. 2023 - Present*
 Devzone international

- Develop custom applications with the Odoo platform .
- Maintain and migrate custom modules across Odoo versions
- Create custom reports

Telecommunications Study Engineer *Jul. 2020 - Jan. 2023*
 S2IA

- Designed fiber optic networks using AutoCAD and QGIS tools.
- Calculated aerial load stress (CAPFT, COMAC).
- Managed access orders and documentation .

Electrical Engineer *Jan. 2020 - Jun. 2020*
 CAPCONDO

- Conducted technical analysis related to energy compensation.
- Ensure the proper functioning of energy monitoring systems.
- Assisted in generating technical reports and performance diagnostics to support energy optimization.

Education / Professional Training

Engineering of Electronic Communication Systems *From 09/2012 to 07/2015*
 National School of Electronics and Telecommunications of Sfax

Preparatory for Engineering Studies *From 09/2009 to 06/2012*
 Higher Institute of Applied Mathematics and Computer Science of Kairouan

Mathematics Bacallaureate *From 09/2008 to 06/2009*
 Bouargoub High School

Languages

German : A2/B1

English : B1

French : B2

Arabic : Native Language

Certifications

- AWS Certified Cloud Practitioner

Volunteering Experience

Member
 Independent High Authority for Elections (ISIE), Tunisia

Member
 Tunibless Association

Motivation

I'm motivated to work in Germany's IT sector because it values quality, clear processes, and modern technologies. I want to grow in a collaborative and innovative environment, where I can contribute to useful projects and gain international experience.



Gefördert durch:



aufgrund eines Beschlusses des Deutschen Bundestages

Candidate ID : Kand25_090

ERP Development

Consultant ERP Microsoft Dynamics NAV/BC

Technical Skills

- **ERP Systems:** Microsoft Dynamics NAV
- **Development Tools:** Dynamics Development Environment (C/AL, AL)
- **Web Development:** HTML, CSS, JavaScript
- **Database Management:** SQL Server Management Studio (SSMS)
- **Business Intelligence:** QlikSense
- **Directory Services:** Active Directory (user and group management, permissions, authentication)
- **Productivity Tools:** Microsoft 365 (Excel, Word, Outlook, Teams)

Languages

German : B1 Certified Ösd

English : B2

French : B2

Arabic : Native Language

Certifications

IBM Digital Nation – Explorer Award

- Introduction to Data Science
- Introduction to Artificial Intelligence
- Analyzing Findings & Communicating Results

GIZ Project Participant Tech216

- Ösd Certificate B1

AHK-Intercultural Soft Skills Training

Projects

Application Smart Trading & WMS Integration Project

Automated inventory tracking, optimized picking processes and enabled dynamic pricing.

Lot Tracking Implementation

Customized item tracking setup, enabled lot-specific entries, and developed reports for quality control and audits.

Volunteering Experience

TuniBless e.V

Member

ESEN ANDROID CLUB

Member

Professional Experience

ERP CONSULTANT-MS Dynamics NAV

STE APPETISSANTE – IFFCO GROUP

Feb. 2021 - Present

- **Development:** Customized and extended Microsoft Dynamics NAV using C/AL within the classic development environment (C/SIDE).
- **Database Management:** Optimized, maintained, and administered MS SQL Server databases to ensure high ERP performance and reliability.
- **Technical Support:** Diagnosed, debugged, and resolved technical issues in close collaboration with functional teams.

E-Business Strategy Project – Academic Research

Jan. 2020 - July. 2020

TrustiT

- Analyzed and optimized digital marketplaces and e-commerce platforms.
- Assessed KPIs and customer behavior to suggest improvements.
- Improved website visibility through SEO strategies.

Web Application Developer – Internship Project

Jan. 2018 - July. 2018

DEVNET TUNISIE

- Developed a web app with real-time dashboards.
- Managed backend and database for data monitoring.

Education / Professional Training

Master Degree in E-Business

Higher School of Digital Economy - University of Manouba

From 09/2018 to 07/2020

Bachelor in Computer Science

Higher School of Digital Economy - University of Manouba

From 05/2023 to 09/2023

Baccalaureate in Computer Science

Independence High School -Manouba

From 09/2011 to 06/2015

Motivation

Germany is a leading hub for technology and digital innovation. I am eager to bring my skills and expertise to contribute effectively. Working in Germany will allow me to grow professionally in a challenging and collaborative environment while making a meaningful impact on IT projects.



Candidate ID : Kand25_111

Automotive Embedded Systems

Embedded Software Engineer

Technical Skills

- **Embedded Linux systems:** OpenWRT, Buildroot, Yocto.
- **Languages:** C, C++, Shell scripting (Bash),python.
- **Cross-compilation:** build systems, and board support packages (BSP).
- **Networking protocols:** MQTT, HTTPS, WebSocket, TCP/IP, DNS
- **Web and backend services:** Lighttpd, CGI.
- **Cloud platforms:** AWS IoT Core, Azure IoT Hub, S3
- **Database:** MySQL, JSON-based configuration
- **Debugging and performance:** GDB, Valgrind, strace syslog, journalctl, dmesg
- **Network configuration:** bridging, VLANs, iptables, firewall tuning

Professional Experience

Embedded Software Engineer - Technical Referent *3 years 8 months*
Sagemcom

- Lead team training to enhance skills and enforce best development practices.
- Integrate and maintain middlewares and chipsets on broadband devices using C/C++, Shell, OpenWRT, and Buildroot.
- Develop and debug Wi-Fi/cloud features, optimize performance and manage networking/firewall configs with Linux and opensource tools .

Embedded Software Engineer *2 years 3 months*
Acoba

- Design and implement features (e.g., recording, motion alarms, sensor links) using C/C++ and Shell on embedded Linux.
- Deploy and integrate devices with AWS IoT, S3, and MySQL for cloud connectivity and data handling.
- Troubleshoot, test, and optimize systems using Linux tools, GDB, Valgrind, and oscilloscopes.

Languages

German : B1 – Certified

English : C1

French : C1

Arabic : Native Language

Certifications

Technical Training

- Wifi-Dev Level 1 and 2 – 2025
- BSP for Broadband Devices – 2024
- Linux Advanced – 2023
- Networking Fundamentals – 2023
- C/C++ Programming – 2023

Professional Development

- Train-the-Trainer – 2024
- Personal Development – 2021
- Scrum – 2021
- Group Problem-Solving Method – 2019
- ISO 9001 – 2019

Education / Professional Training

Master Degree in Artificial Intelligence *From 12/September/2024 to 1/January/2025*
Higher Institute of Computer Science

Master degree in Intelligent Systems and IoT *From 12/September/2022 to 27/July/2024*
Higher Institute of Computer Science

Electrical Engineer *From 03/September/2014 to 29/July/2019*
National School of Engineering of Monastir

Motivation

I am motivated to work in Germany because its renowned engineering excellence perfectly aligns with my expertise in Intelligent and embedded Systems. I aim to contribute to innovative, practical solutions within a dynamic and quality-focused environment. This opportunity will enable me to grow professionally while delivering impactful technological advancements.



FIRAS GAM

Project Manager



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