FACHKRÄFTE

CV BOOK

AUTOMATION INDUSTRY

Gefördert durch:

Bundesministerium
für Wirtschaft
und Energie

aufgrund eines Beschlusses
des Deutschen Bundestages

AHK Deutsch–Tunesische
Industrie- und Handelskammer
الغرفة التونسية الألمانية للصناعة والتجارة
Chambre Tuniso-Allemande
de l'Industrie et du Commerce

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
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LIST OF CANDIDATES

Automation Industry

Kand25_073

Kand25_074

Kand25_101

Kand25_102

Kand25_104

Kand25_109

Kand25_119

Kand25_115

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Kand25_027

Kand25_099

Kand25_118

Kand25_075

Kand25_105

Kand25_076

AUTOMATION INDUSTRY

Technical Skills

- **Software :**
  - ✓ TIA Portal
  - ✓ Step 7
  - ✓ WinCC
  - ✓ Studio 5000
  - ✓ PL7 Pro
  - ✓ Vijeo Designer
  - ✓ TwinCAT
  - ✓ E plan P8

- **Programming Languages :**
  - ✓ C #
  - ✓ SQL
  - ✓ VB Script
  - ✓ Python

Candidate ID : Kand25_073

Automation Industry

Automation Engineer

Languages

German : A2

English : B2

French : B2

Arabic : Native Language

Professional Experience

Automation Engineer *April 2022 - Current*
Sea Electronics , Tunisia

- Programming PLC controls (Siemens, Schneider, Allen Bradley, Omron ...)
- Programming of Human-Machine Interfaces (HMI)
- Commissioning of system installations and acceptance tests at customers' sites
- Planning and commissioning of automation projects to ensure system functionality

Automation Engineer *September 2020 – March 2022*
MD Confection , Tunisia

- Programming PLC controls using platforms such as Siemens (TIA Portal)
- Designing SCADA systems using WinCC
- Testing, commissioning, and maintenance of programmed installations
- Commissioning of automated machines production lines

Automation Intern *July 2019 – August 2019*
Sartex , Tunisia

- Programming S7-1200 PLC
- Designing HMI Interface (KTP 700 Basic)
- Analyzing and optimizing functional processes
- Creating documentation and training materials

Certifications

- Siemens Expert Level Test
- Siemens PLC Training Level 1 and 2

Projects

- **Automation Projects :**
  - ✓ Automation of the Syrup Plant Station
  - ✓ Automation of a beverage production line
  - ✓ Automation of a wooden door press
  - ✓ Automation of a concrete batching plant
  - ✓ Automation of a cake production line Automation of Heuser winding machine

Education / Professional Training

National Diploma in Electromechanical Engineering *From 15 / 09/2015 to 20/07/2020*

Esprit , Tunisia

National Baccalaureate Diploma *From 15 / 09/2012 to 15 / 06 / 2015*
High School March 2 , Tunisia

Motivation

- I'm eager to work in Germany because is a country with a great lifiestyle, culture, and fantastic work - life balance.

- German industries offer an opportunity to work on innovative and challenging projects.

- Teamwork
- Communication
- Problem-solving
- Automation & Control

Candidate ID : Kand25_074

Automation Industry

Continuous Improvement Manager

Technical Skills

- Matlab
- LabVIEW
- Tia Portal
- Proteus ISIS

Professional Experience

Internship *03/2025 - 06/2025*
Triki Le Moulin confectionery (Sfax-Tunisia)

- Implemented a Manufacturing Execution System (MES) to monitor and control production in real time
- Configured data parameters to track performance, quality, and machine availability

Internship *03/2023 - 06/2023*
METELEC - Electrical Control Panel and Cabinet Design, Wiring, Automation, and Maintenance (Sfax - Tunisia)

- Performed wiring and electrical installation of control systems for industrial machinery
- Conducted testing, troubleshooting, and maintenance of automated systems

Internship *10/2021 - 11/2021*
Chemnitz University of Technology (Chemnitz - Germany)

- Conducted laboratory experiments involving sensor calibration

Languages

German : A2

English : B1

French : B1

Arabic : Native Language

Certifications

- Certificate of Upper Intermediate English Proficiency
English cultural center Sfax

- Certificate of achievement IEEE
IEEE-ESPIN Sfax English

- Certificate of achievement Intercultural Soft Skills
AHK Tunesien

Education / Professional Training

Master Degree (Industrial Information Technology: Industry 4.0) *10/2023 - 07/2025*
International Polytechnic Private University of Sfax (Sfax, Tunisia)

Bachelor Degree (Electronics, Electrical Engineering, and Automation: Industrial Electronics) *10/2020 - 07/2023*
International Polytechnic Private University of Sfax (Sfax, Tunisia)

High School Diploma: Engineering Sciences *09/2016 - 07/2020*
Majida Boulila High School (Sfax, Tunisia)

Motivation

As a Continuous Improvement Manager, I'm driven by the potential of Industry 4.0 to boost efficiency and innovation. I use smart technologies like Sensors, real-time data, and predictive analytics to optimize processes, cut waste, and support agile operations. I consider Germany as a global leader in Industry 4.0 and advanced manufacturing. The country offers a strong industrial base, a high level of innovation. It is the ideal place to grow professionally and be part of the future of smart industry.

Technical Skills

- **Control Systems and Instrumentation:** knowledge of sensor integration ,PID control loops, and actuator-based automation

- **Skills: a knowledge in Automated Machinery:** Preventive and Corrective Maintenance

- **Troubleshooting and repair:** Capable of diagnosing and resolving mechanical, electrical and automated production lines

Professional Experience

Position : Machine Operator

Company : POLINA GROUP HOLDING

06/01/2022 –05/03/2025

- Responsible for machine intervention and maintenance
- Coordinated production launches based on work orders, ensuring smooth start-up of serial manufacturing through effective changeovers and self-inspection processes
- Provided periodic monitoring of production results, with focus on quality and efficiency indicators

Position : Production Technician

Company : LECTRIC TUNISIE

10/03/2025 TO DATE

- Oversee and control production while maintaining performance levels
- Trigger all necessary maintenance actions and actively participate in the weekly scheduling of preventive maintenance tasks
- Involved in non-conformity management through analysis, resolution ,and final validation processes

Education / Professional Training

- Technical Baccalaureate

  2017/2018

- Diploma : Professional Technician in Automation and Industrial IT

  From 17/09/2018 to 29/11/2020

  Institute: Sectoral Center for Mechatronics Training, Borj Cedria

Volunteering

As a Local Volunteer Coordinator with the **TUNIBLESS** Association , I actively contributed to awareness campaigns and training workshops

Languages

German : - B1 – Certified (ECL)

English : - B1

French : - B2

Arabic : Native Language

Internships

- Company : Amphenol Tunisia Department : IT

Role : assisted with IT support tasks and contributed to system maintenance and troubleshppting

- Company : Corail Technologie

Role : performed soldering of electronic components onto printed circuit boards (PCBs) to ensure proper electrical connections and functionality

- Company :Votorantim Cimentos

Role : proficient in identifying electrical components and wiring electrical control panels according to technical specifications and safety standards

Motivation

Passionate about automation systems, i am eager to apply my skills in maintenance , troubleshooting to support an innovative company . Motivated by continuous learning , i am, committed to actively contributing to the optimization of industrial processes while further developing my technical knowledge in a dynamic environment .

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Candidate ID : Kand25_102

Automation Industry

Automation Engineer / Automated Systems Programmer

Technical Skills

- **Programming Siemens and Allen-Bradley PLCs :** Simatic Step7,TIA Portal, RsLogix 500,Studio 5000,Factory Talk View ,
- **Programming HMIs :** WinCC, Tia Portal, RsView32, FactoryTalk View,
- **Programming Languages :** C,C++ , HTML, CSS, JavaScript, PHP,
- **RobotStudio :** Basic Knowledges,
- **Electrical design software :** AutoCAD Electrical, Revit MEP, CanecoBT...,
- **Programming and commissioning protection and control relay :** Sepam 20,40,60 and 80 using SFT2841 and MICOM using S1 STUDIO,
- **GMAO system :** IVARA,
- **Familiarity with international and local code :** IEC, IEEE,NEMA,DIN,NFC,IEC 61131...,
- **Office Tools :** Word, Excel, PowerPoint.

Professional Experience

Electrical and Automation Engineer   *Apr. 2017 - Present*
Chemical Tunisian Group
- Developed and implemented PLC programs for Siemens and Allen-Bradley systems, optimizing process control and reducing cycle time by 15%
- Developed and implemented HMI Platforms for Siemens and Allen-Bradley systems, enabling real-time monitoring of Phosphoric, Sulfuric Acid and Diammonium Phosphate processes and reducing operator intervention by 30%,
- Successfully programmed and commissioned MV/LV protection relays, improving system reliability and reducing false tripping incidents by 30%,
- Assisted in technical evaluation of components, achieving a 10% cost saving while maintaining compliance with technical specifications.

Electrical Engineer   *May. 2015 - Mar. 2016*
Electrical Engineering Consulting Firm
- Developed and reviewed electrical design packages in compliance with NFC 15-100, DIN VDE 0100, and IEC 60364, ensuring regulatory compliance and reducing approval time.

Languages

German : B1

English : B2

French : C1

Arabic : Native Language

Education / Professional Training

Diploma in Electrical Engineering   *From Sep/2011 to Jun/2014*
High National School of Engineers of Tunis

National Entrance exam to engineering schools   *From Sep/2008 to Jun/2011*
Faculty of Sciences of Gabes

Certifications

- Stir-Advanced Training in Automation - Level 1 and 2 – Oct2019 and Oct 2022
- Studi-Training Revit-Level 1 and 2 - Feb/2024 and Apr/2025
- 2iformation-Web,Front-End and back-End development skills(Angular and Symfony) - Jan /2023-Jun/2023
- AHK-Intercultural Soft skills - May/2025

Motivation

I'm motivated to work in Germany as an Electrical and Automation Engineer to contribute to cutting-edge Industrie 4.0 projects, enhance my skills, and grow in a high-performance industrial environment.

Technical Skills

- Lean Manufacturing: VSM, 6S, Kaizen, Kanban, JIT
- Six sigma methodologies: DMAIC, root cause analysis, SPC, FMEA
- Data and tools: Minitab, excel, python, ERP systems
- Project Management: Gantt charts, critical path method, budgeting, risk assessment, scrum

Candidate ID : Kand25_104

Automation Industry

Industrial Engineer

Professional Experience

Planner *May. 2025 - Present*
ENPAL
- Planning and visualizing solar systems using specialized planning software
- Organizing virtual meetings to support team coordination and efficiency
- Generating tailored proposals for clients based on energy and structural needs

Intern *April. 2024 – Aug. 2024*
TUNICOTEX Group
- Optimizing material flow in the knitting process using Value Stream Mapping
- Leading Kaizen circles
- Executing a 6S project involving workplace inspection, action plan development, checklist design, and employee training

Intern *July. 2023 – Aug. 2023*
PLASTICAP – JUDY Group
- Supporting the implementation of a Quality Management System in alignment with ISO 9001:2015 standards
- Participating in the development of quality procedures and manuals

Education / Professional Training

Engineering Degree *From 09/2021 to 09/2024*
National School of Advanced Sciences and Technologies of Borj Cedria

Pre-engineering Degree *From 09/2020 to 06/2021*
Preparatory Institute for Engineering Studies of Nabeul

Pre-engineering Degree *From 09/2019 to 06/2020*
Preparatory Institute for Engineering Studies of Bizerte

Languages

German : A2

English : B2

French : B2

Arabic : Native Language

Certifications

- Whistleblowing & Whistleblower Protection
- Compliance & Anti-Corruption
- Data Protection for Employees
- Compliance Basics
- Six sigma yellow belt
- Scrum fundamentals

Volunteering Experience

Training Officer *From 09/2022 to 05/2023*
Finance and logistic manager

Member *From 10/2021 to 05/2022*
Association for computing machinery

Motivation

As a young engineer trained in process optimization and lean methods, I'm looking for an environment where those values are lived daily. Since I am an analytical and solution-oriented person, I don't just want to apply what I've learned I also want to grow where quality and purpose matter to strengthen my technical foundation.

Automation Industry

Automation Technicians

Technical Skills

- SAGE X3
- Dynamics AX 2021
- Power BI
- excel/power point/word
- AutoCAD Electrical
- Knowledge of Power Systems
- Electronics

Professional Experience

Technical sales representative   *1 year and 5 months-Current*
ELECSA TN
- Providing technical assistance to clients before and after the purchase of products or solutions and ensuring accurate technical cost estimation for projects.
- Analyzing customer feedback, addressing issues, and ensuring customer satisfaction.
- Monitoring and benchmarking competitors and identifying technological and industrial innovations.

Smart home installer   *1 year*
Freelance
- Analyzing client needs and preferences to design customized automation
- Installing equipment while ensuring everything is properly positioned, wired, and connected in accordance with standards and best practices.
- Conducting thorough tests before commissioning to ensure all components are functioning correctly

After-sales service technician   *1 year and 7 months*
SOMEF
- Evaluate customer operations and recommend the development of new product features to ensure reliable quality and customer service
- Track technical issues and after-sales service (SAV) complaints and provide support when needed.

Languages

German : A2 – Certified (OSD)

English : A2

French : B1 – Certified (TCF)

Arabic : Native Language

Certifications

- Microsoft Office Specialist: Associate (Office 2019) -2023
- Arab Engineering & Media Associate services – Training in maintenance of electrical circuits

Education / Professional Training

Two-year technical degree (BTS)   *01/02/2023 – 01/03/2025*
Centre Sectoriel de Formation en Mecatronique Borj Cedria
Automation and industrial computing

Two-year technical degree (BTP)   *26/11/2018 – 21/02/2021*
Centre Sectoriel de Formation en Mecatronique Borj Cedria
Automation and industrial computing

Qualification recognized in Germany   *01/2025*
IHK FOZA – Application number 24,0073925

Voluntary Experience

- Vice-president   01/01/2018 – 31/12/2020
United States Junior Chamber

Motivation

I wish to come work in Germany to deepen my professional knowledge in the technical field. Germany, being a major player in innovation and industry, this experience would allow me to familiarize myself with the latest technologies and practices in this sector. It would be a real asset for both my professional and personal development.

Candidate ID : Kand25_119

Automation Industry

Automation Technician

Technical Skills

- TIA Portal
- Step 7
- GX Developer
- Scada
- Eco 8
- SoMove
- Vijeo Designer
- Unity Pro
- Pack Microsoft Office

Professional Experience

Position Maintenance Technician   *Jul 2023 -Dec 2024*
Ezzinoubi Agricultural Equipment Company

- Integration of variable frequency drives to improve equipment efficiency and extend its lifespan.
- Implementation of an energy monitoring system (SCADA) with real-time consumption visualization.

Intern   *Apr 2023-Jun 2023*
Delice Dairy Central

- Observation of the daily operations of the workshop and assisting technicians during their interventions.
- Creating and modifying HMI pages.

Intern   *Nov 2022 -Feb 2023*
Delice Dairy Central

- Participation in interventions on electrical cabinets.
- Participating in the improvement of automated system performance.

Languages

German : - B2 - Certified (TELC)

English : B2

French : B2

Arabic : Native Language

Certifications

- Certificate of Participation in the Workshop "The Climate Fresco".

- Certificate of Participation in Intercultural Soft Skills Training.

- Certificate of Participation in Soft Skills Training.

- Certificate of Completion – Public Speaking Training.

Education / Professional Training

Certificate of Specialization in Energy Efficiency of Industrial Electrical Installations   *From 23/10/23 to 29/12/23*
Sectoral Training Center for Electrical and Electronic Industries of Tunis .

Higher National Diploma in Automation and Industrial Computing   *From 05/2023 to 09/2023*
Sectoral Training Center for Electrical and Electronic Industries of Tunis

Bachelor of Computer Science   *From 09/2017 to 06/2018*
Sidi Bouzid Mixed High School

Motivation

I see my future firmly rooted in industrial automation, a field where I can apply my passion for technology and continuous improvement. Germany, with its leadership in innovation and efficiency, offers the ideal environment to deepen my expertise, contribute to cutting-edge projects, and grow through international experience.

Candidate ID : Kand25_115

Automation Industry

Automotive Engineer / Technical Writer Engineer

Technical Skills

- **Programming languages:**
  C, C++, Python, VHDL
- **Operating Systems:**
  Windows, Linux
- **IDEs & Development:**
  LabVIEW, Proteus
- **CI & CD:**
  Jenkins, GitHub
- **Project Management:**
  Scrum, JIRA, MS Office, OpenProject
- **Electronics & Design:**
  Altium Designer, LTspice, AutoCAD
- **Embedded Platforms:**
  Arduino, STM32, Raspberry Pi, ESP8266

Languages

German : - B1- Certified (ÖSD)

English : - B2- Certified (IELTS   Academic)

French : B2

Arabic : Native Language

Certifications

- Altium Designer Pro- From Design to Manufacturing -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

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.

Trainee worker   *Aug. 2021 - Aug. 2021*
SOTECA ELECTRIC

- Designed and planned electrical cabinets.
- Selected components and defined layout.
- Oversaw cabling and ensured technical compliance.

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

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.

Motivation

Passionate about the German automation 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_103

Automation Industry

Automated Systems Programmer/Automation Technicians

Technical Skills

- Mirocontroller
- Arduino
- RaspberryPi
- TIAPortal
- Isis Proteus Professional 7
- LabVIEW
- Matlab/Simulik
- AUTOMGEN
- Grafcet Studio
- CNC machine
- Java

Professional Experience

Technical Manager and QMS Coordinator — *June. 2024 - CURRENT*
Nour Energy

- Developed single-line and multi-line electrical diagrams
- Prepared detailed technical reports and documentation
- Ensured compliance with ISO standards

Final Year Internship — *Feb. 2024 - April. 2024*
Frikha Concept

- Final year project: Studied, modeled, and simulated an unloading system for the plates of a CNC machine

Electrical Assembler — *July. 2023 - Aug. 2023*
ITEC

- Read plans and wiring diagrams
- Prepared materials
- Assembled and installed electrical components

Languages

German : A2

English : B2

French : B2

Arabic : Native Language

Certifications

- Certificate in Internal Audit of Quality and Environmental Management Systems (ISO 9001 & ISO 14001)
- Certificate in the Implementation of a Quality Management System according to ISO 9001 and ISO 14001 Standards
- Certification in Training of Trainers (ToT) in Soft Skills

Education / Professional Training

Master's in Industrial Informatics (Online) — *From 09/2024 – CURRENT*

National School of Electronics and Telecommunications of Sfax

Bachelor's Degree in Electronics, Electrical Engineering and Automation: Industrial Computing — *From 09/2021 to 05/2024*

Higher Institute of Industrial Management of Sfax

Technical Science Baccalaureate — *From 09/2017 to 06/2021*
Secondary School Med Ali of Sfax

Motivation

Passionate about industrial automation, I aim to join a German company known for its technical excellence. With skills in PLC programming (TIA Portal), system modeling, and a keen eye for detail, I am ready to contribute to the optimization of industrial processes in a demanding and innovative environment.

Candidate ID : Kand25_110

Automation Industry

Automation Technician

System Integration

Technical Skills

- TIA Portal
- Proteus 8
- AutoCad
- SolidWorks
- Psim
- Matlab
- Arduino IDE
- HTML/CSS
- JAVA
- PYTHON
- Electronics
- Robotics
- Programming Languages
- Embedded Systems
- Automation & Control
- CAD & Simulation Tools
- Leadership and team coordination
- Problem-solving and critical thinking
- Communication and collaboration

Professional Experience

Maintenance Technician   *3 months*
APS ALARM

- Installation and maintenance of the BIAT security system
- Installation and maintenance of fire detection system at Adwya
- Installation and maintenance of fire detection system at Beau Sejour clinic

Embedded Systems Technician   *1 year,9 months*
FRMRI

- Carry out smart home projects
- Carry out smart farm projects
- Assembled, tested, and debugged embedded systems using microcontrollers

Freelance Robotics Developer   *1 year*
AJST

- Designed and developed custom robotic solutions for educational, industrial, and competitive use
- Built autonomous robots using Arduino, ESP32, Raspberry Pi, and various sensors and actuators

Languages

German : A2

English : B1

French : B1

Arabic : Native Language

Certifications

- Fachkraefte training
- Participation in iRobot hackathon
- Participation in Cyber Robotic Days
- Participation in GOTHAM HACK
- Participation in CRBOT Competition
- Participation in green hydrogen training

Education / Professional Training

Bachelor's Degree   *15/09/2019 to 11/06/2024*
Higher Institute of Technological Studies of Kef

Internship   *01/02/2020 to 01/01/2020*
STEG of KEF

Technical Baccalaureate   *01/09/2018 to 28/07/2019*
Ahmed Amara High School of Kef

Volunteer Experience

- Tech Event Organizer
- Community Clean-Up Campaigns
- Robotics Instructor for Children
- STEM Workshop
- Tech Support Community Centers

Motivation

Passionate about innovation and robotics, I am driven by the challenge of building intelligent and efficient systems. Eager to apply my technical skills to real-world problems and contribute to impactful engineering projects. Motivated by teamwork and continuous learning, I strive to grow both personally and professionally.

Technical Skills

- 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.

Automation Industry

Industrial Systems Engineering/Embedded Systems Engineer/Automation Engineer

Technical Skills

- **Data Analysis :** SQL, Power Bi, MS
- **Industrial Connectivity & IIOT:** Cogent Datahub ArcGIS, Symphony+, WinCC, NodeRED
- **CAD :** Catia v5, Solidworks, AutoCAD
- **CAE:** Abaqus, meshing
- **Mathematical and Programming:** MATLAB, Simulink, Labview, Visual basic, C,C++,C#, Embedded C, ESP32,STM32,Arduino,RaspberryPi
- **Testing and Quality Control:** FMEA,PDCA,5S,Kanban,Six Sigma
- **Standards:** ISO 50001 / 14001/9001
- **Industry 4 . 0 Tools :** additive manufacturing, SAP, ERP, Oracle , Coswin 8i,Mpulse
- **Advanced diagnosis tools:** Delphin

Professional Experience

Technical Support Engineer *From 07/2020 - today*
Ansaldo Energia Spa

- Improved equipment availability by 60% in SoS systems for H_2-cooled A94.3A turbo-alternators by tuning turbine supervisory instrumentation (TSI) and implementing advanced diagnostics.
- Implemented CMMS Coswin 8i and provided system integration .
- Planned and Led overhaul planning and boosted resource management efficiency by 10%.

Energy Efficiency Engineer *From 01/2020-03/2020*
CRA2E

- Assessed energy audits reducing energy by 30% through DAQ systems
- Performed systems upgrades on automated systems .
- Designed technical layout plans aligned with industry standards

Embedded Telemetry Engineer *From 04/2019 - 10/2019*
SERGAZ-ENI Group

- Engineered a telemetry for remote monitoring of gaz pipeline
- implemented accurate signals acquisition to centralized WSN
- Conducted on-site testing and calibration.

Languages

German, Italian ,Spanish : A2

English : - C1 – Certified (TOEIC 840/990)

French : - C1 – Certified (TCF)

Arabic : Native Language

Certifications

- Linux Commands and Shell scripting
- Artificial intelligence Fundamentals
- Cybersecurity-awareness-and recovery
- Embedded Systems Architect et mechatronics engineering
- PMP-Project-Management Professional Training
- Robotic Systems Trainer Workforce
- Embedded Systems Developer
- Internal Auditor ISO 9001 : 2015
- CSW Certified SolidWorks Associate
- SIEMENS TIA Portal programmer S7-300 ,S7-400,S7 1200 & S7-1500
- SoftSkills (Leadership/Negotiation/ Teamwork, Timemanagement)

Education / Professional Training

Instrumentation and industrial Maintenance Engineering *From 2014 - 2019*
Specialization instrumentation and intelligent systems
National Institute of applied Sciences and Technology - INSAT

High school Diploma *From 2011 -2014*
High school les Pères Blancs

Motivation

I am deeply motivated to contribute to the German automation industry ,which is globally recognized for its engineering precision, innovation and commitment to high standards of quality as well as cutting-edge solutions .I am inspired by Germany's approach to industrie 5.0. I value structured thinking, reliability and technical excellence as I think that represents the ideal environment to grow professionally and provide sustainable automation solutions .

Candidate ID : Kand25_118

Automation Industry

Automation Technician

Technical Skills

- PLC programming
- Experience with software tools: TIA Portal, STEP 7
- Knowledge of industrial communication protocols: Profibus, ProfNet, Modbus, Ethernet/IP
- Strong analytical and problem-solving skills
- Configuration and wiring of sensors

Professional Experience

Alarm Systems and Service Camera Technician   *May. 2024/April. 2025*
Alarm Hammamet
- Installation of Security Systems
- Maintain records of installations, maintenance, and repair work
- Conduct tests to verify correct coverage operation and security

Technician Internship   *Nov. 2016/Mars. 2017*
Gafsa Phosphate Company
- Internship in the technical field
- Regular installation and maintenance
- Participate in scheduled maintenance activities to prevent equipment breakdown

Technician Internship   *Nov. 2018/Mars. 2019*
Gafsa Phosphate Company
- Technological solutions in the production environment
- Assist in repairing or replacing hydraulic and pneumatic systems
- Help troubleshoot and repair mechanical failures

Languages

German : - B1– Certified (OSD)

English : B1

French : B1

Arabic : Native Language

Certifications

- Certificate : B1 ÖSD 02/2025
- Certificate of Participation: Intercultural Soft Skills as part of the project Fachkräfte with AHK
- Certificate : Optical Fiber Technician

Education / Professional Training

High school degree   *From 09/2011 to 06/2016*
Mohamed Boudhina Hammemet high school

Professional technician for industrial computer automation   *From 09/2016 to 06/2018*

Sectoral Training Center for Mechatronics, Borj Cedria, Tunis

Volunteering Experience

VOLUNTEER   *From 10/2022 to Present*
Participate in the organization and facilitation of association events: workshops, awareness campaigns.

Motivation

I am motivated to work in the field of industrial automation to gain hands-on experience and deepen my technical skills. Germany's reputation for engineering excellence and innovation makes it the ideal place for my professional growth. This opportunity will allow me to contribute actively while developing both technically and culturally.

Candidate ID : Kand25_075

Automation Industry

Automation Technician / Automation Maintenance Technician

Technical Skills

- **Software**
- Komax HMI (TopWin-HMI-TopTouch)
- Smart Vision
- SolidWorks
- E-Plan
- Cognex Software
- Beckhoff TwinCat
- ERP (TSI-SAP-Systematic)
- Microsoft Package

- **Hard Skills**
- Electrical circuit wiring and schematics understanding
- Pneumatic and Hydrolic understanding
- Troubelshooting
- Root cause analysis
- MES
- Industry 4.0 (Komax connect)

Professional Experience

Application and Sales Engineer   *Jan. 2024 - Present*
REEMI
- Designed test modules for automotive wire connectors.
- Analyzed and studied wire harnesses manufacturing projects.
- Resolved technical non-conformities in crimp applicators and implemented action plans.

Field Service Engineer   *April. 2019 - Jan. 2024*
REEMI (Komax Group)
- Assisted FAT at Komax Grafenau and conducted SAT for automated data wire platforms.
- Commissioned, troubleshot, and upgraded automatic automotive wire processing lines.
- Provided technical trainings for Komax machines to customers.

ERP Software Integrator   *Sep. 2018 - Mars. 2019*
Systematic ERP
- Configured ERP modules to meet customers specifications.
- Migrated manufacturing data seamlessly into the new system.
- Tested system functionality and resolved critical issues promptly.

Languages

German : - B1

English : - B2

French : - B2

Arabic : Native Language

Certifications

- Intercultural Soft Skills
- Leadership
- Managing the sales activity the performance of the commercial force

Education / Professional Training

Diploma: Electromechanical Engineering   *From 09/2015 to 06/2018*
Esprit Tunisia

Diploma: Electromechanical Bachelor   *From 09/2011 to 06/2014*
Higher Institute of Applied Science and Technology of Sousse

Diploma: Baccalaureate   *From 09/2010 to 06/2011*
Hammamet Mohamed Boudhina high school

Volunteering Experience

- Contributing to the renovation and improvement of schools and public area alongside AERE association.

- Acquiring and gathering medical oxygen concentrators during the COVID-19 pandemic, as well as sterilizing public space,

Motivation

Passionate about automation industry and its innovative potential in Germany, I am eager to enhance my technical skills in the country's advanced industrial environment and high standards. Building on my successful experience in Grafenau to contribute effectively as a dedicated team member.

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)

Voluntary 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

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Candidate ID : Kand25_105

Automotive

Smart Manufacturing Engineer / Quality Engineer

Professional Experience

Product Owner *10/2023-Present*
WattNow, SA

- 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 *12/2022 – 09/2023*
WattNow, SA

- 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 *11/2022*
WattNow, SA

- 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 *2019 – 2022*
National Engineering School of Monastir (EURACE®)

Engineering Preparation Program *2017 – 2019*
Monastir University

High School Diploma – Natural Sciences *2017*
Pioneer School of Gafsa

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.

Candidate ID : Kand25_076

Automation Industry

Automation Technician / Automation Maintenance Technician

Technical Skills

- Industrie 4.0 Principles & Applications
- Smart Factory & IIoT Concepts
- Total Productive Maintenance (Foundational)
- PLC & Control System Fundamentals
- Sensors, Actuators & Motor Control
- Electrical Systems Troubleshooting
- Arduino Microcontrollers & Raspberry Pi (Prototyping & Basic Automation)
- Programming Languages: C, C++
- CAD Software: AutoCAD & SolidWorks
- Matlab & Simulink
- LabVIEW, Proteus (ISIS)

Professional Experience

Technical Assistant - Power Distribution (Trainee)   *11/2024 - Current*
The Tunisian Company of Electricity and Gas (STEG)
- Contributed to MV/LV network design, power analysis and implementation.
- Assisted in grid infrastructure commissioning and compliance control.
- Supported critical field operations & electrical safety management.
- Contributed to field maintenance and equipment protection.

Telecom Activity Lead   *02/2020 - 10/2022*
Umanlink Group
- Validated 70+ daily technical interventions (FTTH/ADSL), maintaining 98% billing accuracy.
- Monitored field activities in real-time, delivering advance alerts that prevented 80% potential breaches.
- Reduced failed interventions through proactive client engagement.

Internship (Capstone Project)   *02/2019 - 06/2019*
Sagemcom
- Designed and developed an automation system for 24/7 power supply monitoring, using Arduino, Raspberry Pi and MQTT server.
- Configured a remotely controlled generator system with failover activation (<30 sec response time).
- Implemented real-time critical data telemetry (fuel levels, voltage, phase balance) via a secure IoT dashboard.

Languages

German : - A2 – Certified (ÖSD)

English : B1

French : C1

Arabic : Native Language

Certifications

- Industry 4.0 and Advanced Manufacturing Technologies - Festo Certified (2025)
- IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies – Coursera (2025)
- Code Yourself! An Introduction to Programming – Coursera (2025)
- AI, Empathy & Ethics – Coursera (2025)
- Intercultural Soft Skills - AHK Tunesien (2025)
- Effective Leadership - HP LIFE (2025)

Education / Professional Training

Bachelor's degree in Electrical Engineering   *09/2016 – 07/2019*
Higher Institute of Technological Studies (ISET Beja)

High School Diploma - Technical Sciences   *06/2016*
Marsa Saada High School

Volunteering Experience

Reforestation Volunteer   *26/01/2025*
Trip and Trek

Motivation

My passion for automation, an evolution of my Electrical Engineering studies and validated by my Festo Industrie 4.0 certification, draws me to Germany's dynamic and world-leading automation sector. I seek its international environment to collaborate with diverse talents on complex challenges, believing this global synergy drives superior innovation and my professional growth.

FIRAS GAM

Project Manager

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