



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

Gefördert durch:



Bundesministerium  
für Wirtschaft  
und Energie

aufgrund eines Beschlusses  
des Deutschen Bundestages

# AFRICAN SKILLS FOR GERMANY

# CV BOOK

## AUTOMATION INDUSTRY



# AFRICAN SKILLS FOR GERMANY BY AHK TUNISIA

## INTRODUCTION

The African Skills for Germany 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, AS4G – AHK Tunisia**

[f.gam@ahktunis.org](mailto:f.gam@ahktunis.org)

# LIST OF CANDIDATES

## Automation Engineering & Programming

**KAN26-0404**  
**KAN26-0437**  
**Kand25\_119**  
**KAN26-0524**  
**KAN26-0469**  
**KAN26-0571**  
**Kand25\_102**  
**Kand25\_104**  
**Kand25\_109**

## Automation Maintenance & Technicians

**Kand25\_118**  
**Kand25\_074**  
**KAN26-0480**  
**Kand25\_101**  
**KAN26-0158**  
**Kand25\_076**

## Robotics & Smart Manufacturing

**Kand25\_103**  
**Kand25\_027**  
**Kand25\_099**  
**Kand25\_105**

## Mechatronics (Automation-oriented)

**KAN26-0594**  
**KAN26-0149**  
**KAN26-0379**



**AHK**

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Industrie- und Handelskammer  
الجمهورية التونسية الألمانية للصناعة والتجارة  
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# Automation Engineering & Programming





Candidate ID :  
**Kand26\_0404**

Automation industry

Automation Engineer

## Professional Experience

### Internship

02. 2025 – 06. 2025

AAF Production SARL

- Analysis of production downtime and causes.
- Optimization of production processes.
- Application of automation and control systems.

### Internship

06. 2024- 08. 2024

Pro Mécanique Design

- Preparation and adaptation of CNC programs.
- Machine operation and quality control.
- Laser cutting and mechanical finishing.

### Internship

02. 2022- 05. 2022

Olimpias Manufacturing Tunisia

- Analysis of recurring machine faults.
- Data collection and process analysis.
- Development of a hydraulic loading ramp system.

### Internship

09. 2021 - 09. 2021

Pâtes Warda

- Preventive and corrective maintenance.
- Technical documentation and improvements.

### Internship

01. 2020 - 02. 2020

Ruspina Garage Monastir

- Automotive Diagnostic and Repair Procedures.

## Education / Professional Training

### Electromechanical Engineering

2022 - 2025

Ecole Polytechnique de Sousse, Sousse

### Bachelor's Degree in Industrial Maintenance

2019 - 2022

ISET Ksar Hellal

### High School Diploma

2018 - 2019

High school Fattouma Bourguiba, Monastir

## Motivation

A motivated electromechanical engineer with a strong interest in automation technology, eager to apply and further develop my skills in PLC programming (TIA Portal), industrial communication, and system integration within a German industrial setting.

## Technical Skills

### Software & Digital Tools:

- TIA Portal (Step7), MATLAB/Simulink, Proteus, LabVIEW
- **Programming languages:**
- C, C++, Python, VHDL
- **Embedded Platforms:**
- Arduino, Raspberry Pi, ESP32
- **Office Tools :**
- Word, Excel, PowerPoint
- **Maintenance & Troubleshooting:**
- PLC Debugging, Preventive Corrective Maintenance, Signal Analysis,
- **Safety Standards & Procedures**
- Industrial Safety Standards (IEC, ISO)

## Soft Skills

- Adaptability
- Resilience
- Communication
- Teamwork
- Self-Motivation

## Languages

**German :** B2 Telc Deutch (2025)

**English :** B2

**French :** B2 DELF (2023)

**Arabic :** Native Language

## Projects

- Development and design of a versatile automated pneumatic press.
- Design and implementation of an electronic dosing scale.
- Design and manufacture of an autonomous cleaning robot.
- Analysis and design of a hydraulic dock leveler.



Candidate ID :  
KAN26\_0437

Industrial Automation

Automation Engineer  
/ PLC & SCADA

- **SPS-Programmierung:**  
Siemens S7, TIA Portal, STEP7, Schneider Electric, Beckhoff, Fatek
- **SCADA / HMI-Entwicklung:**  
WinCC, Ignition, Node-RED, Wonderware
- **Kommunikationsprotokolle:**  
PROFINET, Modbus, EtherCAT, SPI, TCP/IP, PROFIBUS
- **Fehleranalyse & Troubleshooting:**  
Root Cause Analysis, Störungsbehebung in automatisierten Systemen
- **Industrie 4.0 & IT:**  
MES-Systeme, ERP, IoT-Integration, Power BI, SQL
- **Elektrische Schaltplanentwicklung:**  
AutoCAD Electrical, EPLAN

## Professional Experience

### Automation Engineer – Industrial Information Systems

Aug 2025 - Present

Group Poulina Holding

- Designed, programmed PLC, SCADA, and HMI systems using Siemens TIA Portal for automated production lines .
- Configured and maintained industrial communication networks (Profinet, Modbus TCP/IP) .
- Implemented industry 4.0 solutions, including IoT-based monitoring and data acquisition systems .

### Lithium-Ion Battery Assembly Engineer

March. 2023 - NOV.2024

Enas SARM ASSAD

- Developed and optimized automated assembly processes for lithium-ion battery production.
- Integrated welding technologies and Battery Management System(BMS) into production lines .
- Improved production efficiency and system reliability .

### Senior Technician - Maintenance

Oct. 2018 - Aug. 2020

SARTEX

- Performed preventive and corrective maintenance on industrial equipment ( electrical and mechanical systems)
- Diagnosed faults in automation systems and production machinery .
- Supported production teams in troubleshooting and process optimization .

## Education / Professional Training

**Engineering Degree in Mechatronics (Iot & Embedded systems )** 2020 - 2023

University of Tunis (ULT)

**Applied Degree in Mechanical Engineering** 2015 - 2018

Higher Institute of Technological Studies

**Technical Baccalaureate** 2013 - 2014

Habib Bourguiba High School

## Languages

**German :** B2- Certified (TELC)

**French :** C2

**English :** B2

**Arabic :** Native Language

## Certifications

- FMEA (AMDEC)
- AHK Tunisia – Skilled Worker Program .
- SolidWorks Certification (CSWA)
- Electrical Authorization .
- Siemens Automation Certification ( in Progress)
- Embedded systems Certification.

## International Assignment

**Mechatronics Engineer- Geophysical surveys ( resistivity & SEV ) : Mission**

in Gabon Africa Nev – 2024 - Feb – 2025

## Project Portfolio

**Battery Assembly Robot :**

Designed and developed a 3-axis automated robotic system .

March – 2023 - Juli – 2023

**Industry 4.0 Integration with MES**

Smart Factory Implementation

Oct – 2025 - March – 2026

## 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\_119**

**Automation Industry**

**Automation Technician**

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

## Professional Experience

### 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.

Degree recognized (Anabin H+)



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Candidate ID :  
**KAN26\_0524**

Automation Industry

Junior Systems & Automation Engineer

## Technical Skills

- **Programming & Systems:** Next.js, Node.js, Express, REST APIs, Zod, System Architecture, Drizzle ORM, Python, Bash Scripting
- **Infrastructure, Automation & SRE:** Linux, Docker Compose, n8n, SaltStack, Prometheus, Grafana, Loki, Promtail, Sentry
- **Tools & Ecosystem:** Git, GitHub, Auth0, Aply, Cloudflare R2, Postman, Vercel, Vitest, Playwright
- **Data, Storage:** PostgreSQL, Turso, MongoDB, Schema Design, Structured Data Modeling
- **Soft Skills :** Technical decision-making, Adaptability, Analytical thinking, Collaboration, Problem-Solving
- **AI:** MCP, AI agents, Prompt Engineering, Harness Engineering, Skills

## Professional Experience

### IT Systems & Backend Developer SWM

Jul. 2025 - Present

- Built an internal ATS to replace Excel-based tracking, using AI-assisted design and implementation to speed up structure, validation, and iteration.
- Designed the backend using Next.js, Zod, Drizzle, and Turso, with a focus on simplicity, reliability, and maintainability.
- Implemented Auth0, Aply real-time updates, file storage, PDF generation, and monitoring to support daily operations.
- Maintained company web platforms through deployments, bug fixes, and continuous improvements to keep systems stable and responsive.

### DevOps Intern (Final Year Project) Consultim-IT

Jan. 2025 - Jun. 2025

- Defined the overall system architecture, structuring the platform into monitoring, AI, automation, and control layers.
- Led the development of Veritas, an MCP-based AI terminal agent for natural-language system interaction, tool orchestration, and operational workflows.
- Designed and implemented a neural log anomaly detection and observability stack, combining log analysis, monitoring tools, n8n, and SaltStack for automation and self-healing infrastructure workflows.
- Developed control and management layers including Clevify for human-in-the-loop remediation workflows and Dockify for Docker operational visibility, while using AI tools to accelerate architecture exploration, prototyping, and implementation.

### IT Support Intern CPG Gafsa

Jun. 2023

- Simulated Windows Server installation in a virtualized environment.
- Configured roles, permissions, and basic server administration tasks.

## Languages

**German :** B2 (in progress)

**English :** C1

**French :** A2

**Arabic :** Native Language

## KEY PROJECTS

### AI Terminal Agent (Mar. 2025) :

Designed and built an AI-driven terminal agent that interprets natural language commands and executes system-level operations through structured tool orchestration, developed within a broader system-focused project. The system bridges human intent and system actions using an MCP-based architecture to enable extensible, context-aware decision-making, simplifying complex operations while maintaining control, reliability, and flexibility.

### Coreify – Monitoring and self-healing platform (May 2025) :

Development of a distributed monitoring and remediation platform with automatic service discovery, observability (Prometheus/Grafana/Loki), and anomaly detection (n8n + API). Auto-healing (automatic & manually approved) via SaltStack, containerized with Docker and Consul.

## Education / Professional Training

### Bachelor's Degree in Computer Engineering

Higher Institute of Applied Sciences and Technologies, Gafsa

2022 - 2025

### Baccalaureate Degree

Al-Hussein Bouziane High School, Gafsa

2018 - 2022

## Motivation

Motivated to contribute to Germany's engineering-driven environment by building reliable systems, automation workflows, and infrastructure solutions that create real value. I am especially interested in Linux, monitoring, system reliability, and AI-assisted workflows, where I can bring a systems-oriented mindset, collaborate in a quality-focused team, and keep developing through hands-on technical challenges.



**Candidate ID :**  
**KAN26-0469**

**Electrician / Automation**

**Electricians specialized in Energy Systems Engineering and Construction Services**

**Technical Skills**

**Software & Digital Tools**

- MatLab, Step7, KiCad, Arduino, Blynk
- **Technical Equipment & Tools**
- Multimeters, Electric Drill, Phase tester
- **Machinery & Industrial Systems**
- **IDEs & Development:**
- PLCsystems, ESP32/8266, C++ programming, Microcontroller
- **Maintenance & Troubleshooting**
- **Interfaces & Formats:**
- Electrical diagnosis, Electrical Scheme
- **Safety Standards & Procedures**
- Electrical Safety Standards

**Professional Experience**

**Electrician**

*February. 2023 - Present*

*ELECTROHOME*

- Installing electrical power systems.
- Ensuring the proper functioning of electrical equipment.
- Management of energy systems and building infrastructures.
- Read and interpret electrical schematics and technical drawings.

**UNIVERSITY INTERNSHIP**

*February. 2025 - May. 2025*

*AJSD: Djerba Club*

- Development of an automated school bell system.
- Programming a monitoring system using ESP32-CAM.
- Integration of an energy management system.

**UNIVERSITY INTERNSHIP**

*January. 2023 - February. 2023*

*TUNISIAN TRANSPORT COMPANY*

- Support in the repair and replacement of defective components.
- Participate in regular inspections of electrical systems.
- Participate in emergency simulation exercises.

**Languages**

**German :** B2- Certified (ECL)

**English :** C1 Certified (EF SET)

**French :** B2

**Arabic :** Native Language

**Certifications**

- Participation in an Innovation Camp with INJAZ Tunisia: 2021

**Volunteering Experience**

**Comar Djerba HALF-MARATHON**

*March - 2019 - March - 2019*

**International Media Art Project SEE**

**DJERBA** *August - 2019 - August - 2019*

**Djerba Land Of peace and Tolerance**

**Event** *August 2019 - 2019 - August - 2019*

**Education / Professional Training**

**Bachelor in Automation and Industrial Computing**

*2021 - 2025*

*Higher Institute for Technological Studies of Djerba*

**High School Diploma**

*2017 - 2021*

*HIGH SCHOOL HOUMT SOUK DJERBA TUNISIA*

**Motivation**

I am motivated to work in Germany because of its strong economy, advanced technology, and excellent opportunities for professional growth. I want to improve my skills, gain international experience, and contribute with my knowledge and motivation in a professional working environment.



## Candidate ID : Kan26\_0571

Automation

Automation engineer/ Project  
Engineer

## Technical Skills

### Software & Digital Tools

- PLC Programming: STEP7, TIA Portal
- SCADA & Visualization: WinCC, Distech Designer
- Building Management Systems (BMS)
- AutoCAD (technical drawings)
- **Technical Equipment & Tools**
- HVAC and MSR equipment
- Commissioning and diagnostic tools
- Measurement and testing instruments
- **Communication Protocols :**
- BACnet, Modbus-integration ,  
Configuration, troubleshooting in  
building automation system,
- **Safety Standards & Procedures**
- ISO 50001, QHSE

## Professional Experience

### Technical Sales Engineer

03. 2025 - 11. 2025

STGE (Water Treatment Company)

- Delivered technical training to clients on water treatment equipment, operation, and maintenance
- Participated in the installation, commissioning, and configuration of water treatment systems and connected devices
- Ensured after-sales technical support, including troubleshooting and problem-solving on-site or remotely
- Promoted and explained technical products and solutions through presentations and demonstrations

### Energy Efficiency Project engineer

04. 2022 - 03. 2025

GEEC

- Designed and implemented automation and control systems for energy efficiency projects in industrial and commercial buildings
- Programmed and configured PLC systems and integrated SCADA solutions for real-time monitoring
- Developed and analyzed energy performance reports to identify optimization opportunities
- Planned, supervised, and optimized technical solutions in building systems (HVAC / MSR / building automation)
- Coordinated and managed external contractors and subcontractors during project execution

## Languages

**German** : B1 - Certified (ECL)Attending an attentive course ,  
progressing towards B2**English** : B1**French** : C1**Arabic** : Native Language

## Volunteering Experience

**Web Radio Host / Presenter (Club)**

03 - 2017 - 10 - 2020

## Education / Professional Training

### Master's Degree in Industrial Management

2019 - 2021

Higher Institute of Technological Studies, Djerba, Tunisia  
Specialization: Hospitality Facilities

### Bachelor's Degree in Automation and Industrial Computing

2016 - 2019

Higher Institute of Technological Studies, Djerba,  
Tunisia

## Motivation

Technical professional with strong experience in building automation, HVAC/MSR, and energy efficiency. Skilled in PLC programming, SCADA systems, and technical problem-solving, with a strong interest in technical building management. Currently improving German and seeking to develop a long-term career in Germany.



**Candidate ID :**  
**KAND25\_102**

**Automation Industry**

**Automation Engineer/ Automated  
Systems Programmer**

## 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.

## Education / Professional Training

### Diploma in Electrical Engineering

High National School of Engineers of Tunis

*From Sep/2011 to*

*Jun/2014*

### National Entrance exam to engineering schools

Faculty of Sciences of Gabes

*From Sep/2008 to*

*Jun/2011*

## 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

- **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.

## Languages

**German** : B1- Certified ECL B1

**English** : B2

**French** : C1

**Arabic** : Native Language

## Certifications

**Stir-Advanced Training in Automation-Level 1 and 2** - Oct/2019 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 Symphony)** - Jan/2023-Jun/2023

**AHK-Intercultural Soft skills** - May/2025



**Candidate ID :**  
**Kand25\_104**

**Automation**

**Industrial Engineer**

## 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

## 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

## 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

## 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

## 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.



# Candidate ID : Kand25\_109

Automation industry

Automation Technician

## Technical Skills

- SAGE X3
- Dynamics AX 2021
- PowerBI
- Excel/Power Point/Word
- AutoCad Electrical
- Power Systems
- Electronics

## Professional Experience

### Technical sales representative ELECSA TN

Jan. 2024 - CURRANT

- 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.

### Smart home installer Freelance

Jan. 2023 - Jan. 202

- 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.

### After-sales service technician SOMEF

June. 2021 - Dec. 2022

- 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 complaints, and provide support when needed.

## Languages

**German** : - A2 – Certified (ÖSD)

**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)

From 02/2023 to 03/2025

Sectoral Training Center for Electrical and Electronic Industries of Borj Cedria

Automation and industrial computing

### Two-year technical degree (BTP)

From 11/2018 to 02/2021

Sectoral Training Center for Electrical and Electronic Industries of Borj Cedria

Automation and industrial computing

### Qualification recognised in germany

From 01/2025 to Current

IHK FOZA – Application number 24,0073925

## Volunteering Experience

### Vice president

From 01/2020 to 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.



**AHK**

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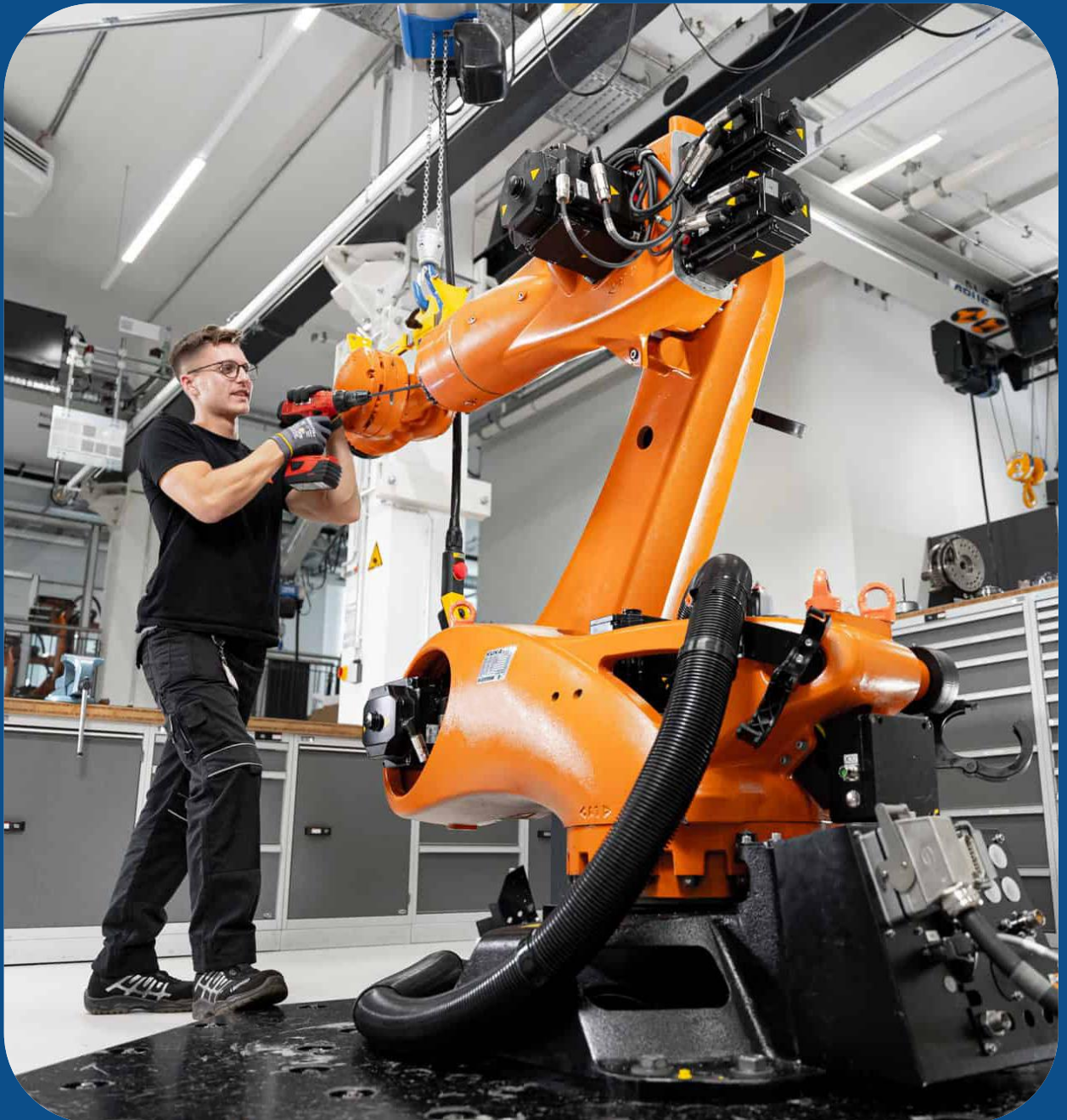
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für Wirtschaft  
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aufgrund eines Beschlusses  
des Deutschen Bundestages

# Automation Maintenance & Technicians





## BEWERBER-ID : Kand25\_118

AUTOMATISIERUNG

AUTOMATIONSTECHNIKER

- SPS-Programmierung
- Erfahrung mit Software-Tools:  
TIAPortal, STEP 7
- Kenntnisse  
industrieller Kommunikationsprotokolle:  
Profibus, Profinet, Modbus,  
Ethernet/IP
- Ausgeprägte analytische  
und problemlösungsorientierte  
Fähigkeiten
- Konfiguration und Verkabelung von  
Sensoren

## Berufserfahrung

### Alarmanlagen und Servicetechniker für Kameras *Mai. 2024/April. 2025*

#### Alarm hammamet

- Installation von Sicherheitssystemen
- Aufzeichnungen über Installationen, Wartungs- und Reparaturarbeiten führen
- Tests durchführen, um die korrekte Funktionsweise und Sicherheit zu überprüfen

### TECHNICIAN INTERNSHIP

*Nov. 2016/März. 2017*

#### Gafsa Phosphatgesellschaft

- Praktikum im technischen Bereich
- Regelmäßige Installation und Wartung
- Teilnahme an planmäßigen Wartungsarbeiten zur Vermeidung von Geräteausfällen

### TECHNIKER-PRAKTIKUM

*Nov. 2018/März. 2019*

#### Gafsa Phosphatgesellschaft

- Technologische Lösungen in der Produktionsumgebung
- Unterstützung bei der Reparatur oder dem Austausch von hydraulischen und pneumatischen Systemen
- Hilfe bei der Fehlerbehebung und Reparatur mechanischer Störungen

## Sprachen

**Deutsch** : - B1 ÖSD Zertifikat

**English** : - B1

**Französisch** : - B1

**Arabisch** : Muttersprache

## Zertifizierungen

- CertZertifikat: B1 ÖSD 02/2025
- Teilnahmebescheinigung:  
Interkulturelle Soft Skills im Rahmen  
des Projekts Fachkräfte mit AHK
- Zertifikat: Glasfasertechniker

## Bildung / Berufsausbildung

### Gymnasium

Mohamed Boudhina Hammamet Gymnasium

*Von 09/2011 bis 06/2016*

### Fachkraft für industrielle

Sektorielles Ausbildungszentrum für Mechatronik, Borj Cedria, Tunis

*Von 09/2016 bis 06/2018*

## Freiwilligenarbeit

**FREIWILLIGER HELFER** *Von 10/2022 bis heute*

Beteiligung an der Organisation und Moderation von  
Verbandsveranstaltungen: Workshops,  
Sensibilisierungskampagnen.

## Motivation

Ich freue mich darauf, in Deutschland zu arbeiten, um praktische Erfahrungen in einem erstklassigen industriellen Umfeld zu sammeln, das für Innovation und Präzision bekannt ist. Dies entspricht meinen Karrierezielen im Ingenieurwesen und bietet mir die Möglichkeit, mich beruflich weiterzuentwickeln, meinen internationalen Horizont zu erweitern und meine Deutschkenntnisse zu verbessern.

Fully recognized (ZAB)



Getördert durch:



aufgrund eines Beschlusses  
des Deutschen Bundestages



**Candidate ID :**  
**Kand25-074**

**Automation / Automation  
Maintenance & Technicians**

**Workshop Manager**

## Techniques

- Teamwork
- Communication
- Problem-solving
- Time management
- Leadership
- Self-Motivation
- Adaptability

## Technical Skills

- Matlab
- LabVIEW
- Tia Portal
- Proteus 8
- Psim
- Microsoft Tools (Word,PowerPoint,Excel)
- Android Studio

## Languages

**German :** B1

**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

- Certificate of achievement Intercultural Soft Skills  
AHK Tunesien

## Professional Experience

### Workshop Manager

July.2025 – CURRENT

ET2M Plastic Construction (Sfax – Tunisia)

- Recording, maintaining, and reviewing repairs and complaints in the system (MS Teams)
- Processing incoming and outgoing goods
- Programming machine controls and displays

### Intern

Mar. 2025 – Jun. 2025

Triki Le Moulin confectionery (Sfax-Tunisia)

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

### Intern

Mar. 2023 – Jun. 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

## Education

### Master Degree Industrial Information Technology: Industry 4.0

2023-2025

International Polytechnic Private University of Sfax

### Bachelor Degree Electronics, Electrical Engineering, and Automation: Industrial Electronics

2020-2023

International Polytechnic Private University of Sfax

### High School Diploma: Engineering Sciences

2016-2020

Majida Boulila High School of Sfax

## Motivation

As a Workshop 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



**Candidate ID :**  
**KAN26\_0480**

**Industrial electronics**

**Electronics technician for  
automation technology**

### MS Office

- Good knowledge
- **CAD**
- Excellent knowledge

## Professional Experience

**Position :** Electronics technician 09. 2025 - heute  
Company : Asteelflash, Soukra

- Performing functional and electrical tests on electronic circuit boards.
- Diagnosis of faults and identification of defective components.
- Use of testing tools and software to ensure product quality.

**Position :** Electronics technician 02. 2024- 06. 2025  
Company : Multi-Services Ascenseurs MSA

- Installation of new elevator units in new and existing buildings, including connection of the electronic systems.
- Preventive maintenance: Lubrication of moving parts, adjustment of mechanisms, replacement of worn parts.

**Position :** Elektroniker Praktikum 09. 2023 - 11. 2023  
Company : El Athir Service

- Assembly of electronic components onto printed circuit boards (PCBs) using manual or automatic soldering techniques.
- Operation and maintenance of production machines.

## Languages

**German :** B1

**English :** A1

**French :** A2

**Arabic :** Native language

## Certifications

- MS Office (Good knowledge)
- CAD (Excellent knowledge)

## Volunteering Experience

### Volunteer Animator Association Artistic Podium Tunis, Tunisia

08 – 2018 - 09 – 2020

Organization and execution of educational workshops.

### Solidarity campaign during the COVID-19 pandemic, Association for Artistic Podium

Organization of collections and distribution of donations.

05 – 2020 - 07 – 2021

## Education/Professional Training

**Professional Technician Diploma – Industrial Electronics** 2022 - 2024  
Electronics Training Center Denden, Tunisia

**High School Diploma specializing in economics and  
management** 2020 - 2021

Zahrouni High School, Tunis, Tunisia

## Motivation

I am a motivated industrial electrician and would like to work in Germany to further develop my technical skills in a modern industrial environment. I learn quickly, am reliable, and am ready to successfully integrate into the job market.



Gefördert durch:  
 Bundesministerium  
 für Wirtschaft  
 und Energie  
 aufgrund eines Beschlusses  
 des Deutschen Bundestages

**Candidate ID :**  
**Kand25\_101**

**Automation Industry**

**Automation Technician**

## 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 06/01/2022 -05/03/2025  
 Company : POLINA GROUP HOLDING

- 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 10/03/2025 TO DATE  
 Company : LECTRIC TUNISIE

- 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

## 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

## Education / Professional Training

- Technical Bacalaureate 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

## Internships

- Company : Amphenol Tunisia  
 Department : IT  
**Role :** assisted with IT support tasks and contributed to system maintenance and troubleshooting

- 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 .



**Candidate ID :**  
**KAN26-0158**

**Industrial Maintenance &  
Automation**

**Maintenance Technician |  
Automation Technician | Electrical  
Service Technician**

## Technical Skills

### Software & Digital Tools

- SAP (maintenance module), MS Office
- **Technical Equipment & Tools**
- Multimeters, oscilloscopes, medium-voltage switchgear, circuit testers
- **Machinery & Industrial Systems IDEs & Development:**
- Industrial automation lines, conveyor systems, transformer stations, building electrical networks
- TIA Portal, Simatic Manager, Lenze Engineer
- **Maintenance & Troubleshooting Interfaces & Formats:**
- Preventive / corrective maintenance, electrical fault diagnosis, CMMS (GMAO), spare parts management
- Electrical schematics, technical documentation, PLC
- **Safety Standards & Procedures**
- First aid, firefighting, B1V/B2V/BR/BC electrical safety

## Professional Experience

### Maintenance Technician

06.2022 – Present

COFICAB TUNISIA, Tunis

- Preventive & corrective maintenance on electrical systems
- Monitoring of medium-voltage transformer stations
- Building electrical installations

### Repair Technician

12.2020 – 03.2022

Asteel FLASH Tunisia, La Soukra

- PCB repair & troubleshooting (electrical diagrams)
- Preventive & corrective maintenance on industrial equipment
- Fault diagnosis in automated control systems
- Spare parts & maintenance documentation .

## Languages

**German :** B1 (TELC certificate)

**English :** Intermediate

**French :** Intermediate

**Arabic :** Native Language

## Certifications

- 07.2025 – German B1 (TELC)
- 09.2024 – First Aid & Firefighting (Civil Protection Office, Tunis – valid 04/2027)
- 06.2024 – Electrician Licence B1V/B2V/BR/BC (COFICAB Tunisia)

## Volunteering Experience

None

None

None

None

## Education / Professional Training

### Diploma of Qualified Technician – Automation & Industrial Computing

2018 – 2020

Centre for Vocational Training in Automation, Tunis

### Diploma of Vocational Technician – Installation of Electrical & Electronic Equipment

2015 – 2017

Centre for Vocational Training in Electronics, Tunis

### High School Final Year (Computer Science)

2014 - 2015

Hasan Hosni Abdelwaheb High School, Ariana

## Motivation

Automation and maintenance technician with solid hands-on experience in electrical troubleshooting and industrial systems. After obtaining German equivalence (IHK), I am highly motivated to work in a German-speaking technical environment, contribute to industrial reliability and grow my skills in automation and smart maintenance.



**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 Béja)

**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.



**AHK**

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

Gefördert durch:



Bundesministerium  
für Wirtschaft  
und Energie

aufgrund eines Beschlusses  
des Deutschen Bundestages

# Robotics & Smart Manufacturing



Fully recognized (Anabin H+)



Gefördert durch:



aufgrund eines Beschlusses des Deutschen Bundestages



Candidate ID :  
Kand25\_103

Automation Industry

Validation & Testing Technician

## Technical Skills

### Software & Digital Tools

TIA PORTAL, LabVIEW, Matlab/Simulink, AutoCAD, SketchUp, PvSyst, PVGIS

### Technical Equipment & Tools :

Measurement Instruments, Electrical Testing Tools

### Photovoltaic & Energy Tools :

Photovoltaic Systems (LV/MV), Autonomous Photovoltaic Pumping Systems

### Safety Standards & Procedures :

ISO 9001, ISO 14001, ISO 45001, Electrical Safety, Risk Assessment, HSE Compliance

## Professional Experience

### Photovoltaic Project Manager and QHSE Manager

IDELEC *Aug. 2025 - current*

- Complete management of photovoltaic projects.
- Creation of technical documentation and electrical diagrams.
- Implementation and monitoring of the quality management system (ISO 9001, 45001).
- Monitoring of Quality, safety and health conditions on-site.
- Audits and compliance inspections.

### Technical manager and QMS coordinator

Nour Energy *June. 2024 - July.2025*

- Supervising installation teams.
- Prepared detailed technical reports and developed electrical diagrams.
- Ensured compliance with ISO standards.

### Electrical assembler

ITEC *July. 2023 - Aug. 2023*

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

## Languages

**German** : B1

**English** : B2

**French** : B2

**Arabic** : Native Language

## Certifications

- Certificate of Electrical Authorization
- Certificat Google Project Manager
- Certificate in Autonomous Photovoltaic Pumping System Installation
- Certificate in Internal Audit of Quality safety, health and Environmental Management Systems (ISO 9001, ISO 14001 & 45001)
- Certificate in the Implementation of a Quality Management System according to ISO 9001, ISO 14001 and ISO 45001 Standards
- Certificate in Training of Trainers (ToT) in Soft Skills

## Education / Professional Training

**Master's Degree in industrial informatics (online)** *2024 - 2026*

National School of Electronics and Telecommunications of Sfax

**Bachelor's Degree in Electronics, Electrical Engineering and Automation: Industrial Computing** *2021-2024*

Higher Institute of Industrial Management of Sfax

**Technical science baccalaureate** *2017 - 2021*

Secondary School Med Ali of Sfax

## Motivation

Passionate about industrial automation and electrical systems, I have developed skills in installation, testing, and commissioning. Through several technical training programs, I strengthened my knowledge in automation and electrical maintenance. Motivated and organized, I aim to grow in the industrial sector in Germany.



## 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 healthtech 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.

## Diploma Recognition



Deutsch-Tunesische  
Industrie- und Handelskammer  
ألمانيا تونس  
Chambre Tuniso-Allemande  
de l'Industrie et du Commerce

Gefördert durch:



Bundesministerium  
für Wirtschaft  
und Energie  
aufgrund eines Beschlusses  
des Deutschen Bundestages

**Candidate ID :**  
**Kand25\_099**

**Instrumentation and intelligent  
systems engineer**

**Embedded Engineer**



## Technical Skills

### Software & Digital Tools

- Planning skills, Msproject ,Primavera

### Technical Equipment & Tools

- Symphony + , feeler gauges ,micrometer..

### Machinery & Industrial Systems IDEs & Development:

- Smartlink ,delphin ,CoraLab,vibrosight

### Maintenance & Troubleshooting

### Interfaces & Formats:

- FMEA ,root cause analysis,equipment pattern and behaviour

### Safety Standards & Procedures

- ISO, IEEE, NFPA , ASME ....

## Professional Experience

### Project Engineer

07.2020 - today

Ansaldo energia Spa

- Established and Conducted Progress alignment through designed Integrated Master Gantt.
- Identified patterns in Turbo-machinery
- (thermal analysis,Measurements techniques )
- Turbine Supervisory instrumentation data analysis

### Energy Efficiency Engineer

01.2020 - 03.2020

CRA2E

- Performed energectic audits
- Established lighting ,electrical Plans
- Performed diagnosis on energy systems and proposed improvements

### Industrial engineer

04. 2019 - 10. 2019

Sergaz - ENI gaz

- Improved cathodic protection system by telemetry system implementation
- P&ID review and on-site calibration and adjustment

## Languages

**German :** A2

**English :** TOEIC -TOEFL

**French :** TCF

**Arabic :** Native Language

## Certifications

- ISO 9001
- Solidworks
- Project management Professionnal
- EGM -Krohne GmbH
- Primavera Cloud Management
- Linux Commands and shell Scripting

## Volunteering Experience

### Challenge EDGE AI Foundation

19/04/2020

### Aerobotix INSAT

2018

### CIM maintenace INSAT

2018

### Fablab solidaire

2019

## Education / Professional Training

### Instrumentation and intelligent Systems engineering

2014-2019

INSAT

### Bachelor

2011 - 2014

les pères blancs High school

## Motivation

Germany's reputation for engineering excellence, innovation in renewable energy, and commitment to industrial reliability aligns perfectly with my professional background. With a multidisciplinary foundation in automation, electronics, and industrial maintenance, has prepared me to contribute effectively to Germany's dynamic industrial landscape.



# Candidate ID : Kand25\_105

Automotive

Smart Manufacturing Engineer /  
Quality 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)

## 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

## 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.



**AHK**

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und Energie

aufgrund eines Beschlusses  
des Deutschen Bundestages

# Mechatronics (Automation-oriented)





# Candidate ID :

## kand 26-0594

### Automation

### Mechatronics Technician / Automation Technician

## Professional Experience

### Internship Mechatronics

#### Ara Consulting

02/2024 - 06/2024

- Developed a prototype system that monitored energy consumption with  $\pm 5\%$  accuracy.
- Integrated sensors and electrical components for real-time data collection.
- Conducted 15 functional tests to validate automated processes.

### Internship Electromechanics

#### Poulina Group Holding

01/2024 - 02/2024

- Troubleshoot and repaired automated motor control systems.
- Collaborated with technicians on winding replacement and safety checks.
- Documented 5 technical reports on automation reliability.

### Internship Industrial Maintenance

#### HEI Hydro Expert International

01/2022 - 02/2022

- Maintained hydraulic systems used in automated production lines.
- Diagnosed malfunctions and replaced defective parts.
- Reduced failure rate by 30% after targeted repairs.

## Education / Professional Training

### - Bachelor's degree in Mechatronics 09/2021 - 06/2024

University of Technological Studies of Radès

### - High school diploma in Science and Technology 09/2020 - 06/2021

Wardeya High School – Tunis, Tunisia

## Motivation

Since my youth, I have been fascinated by automation and industrial systems. Through my mechatronics studies and internships, I gained practical experience with PLC programming and sensors. In Germany, I aim to expand my knowledge in automation and robotics and contribute as a Mechatronics Technician or PLC Programmer.

## Technical knowledge

- PLC programming (Siemens S7, TIA Portal).
- Python & C++ for automation tasks
- Mechanical/electrical troubleshooting.
- Mechatronics & hydraulic systems maintenance.
- Reading technical drawings & circuit diagrams.
- CAD design (CATIA, SolidWorks, AutoCAD).
- Sensor & actuator integration.
- Team collaboration in multidisciplinary projects

## Language skills

German (B2 – Telc Zertifikat)

English (B1)

French(B2)

Arabic (Muttersprache)

## Certifications

-SolidWorks Zertifikat

-Intercultural Soft Skills Zertifikat – AHK Tunesien

## Experience in volunteer work

### Mitglied bei TuniBless e.V

02/2025 - 04/2025

### Hilfs- und Unterstützungsarbeit beim Roten Halbmond

10/2021 - 03/2022

## Technical Skills

### Software & Digital Tools

- PLC Programming (Siemens, Omron), HMI & TIA PORTAL
- CMMS Software (KPI Monitoring and Reporting )
- MS Office (Excel, Word, PowerPoint)

### Technical Equipment & Tools

- Electrical Measuring Instruments
- Variable Frequency Drives (VFD)
- Sensors & Actuators
- Electrical Panels & Control Cabinets
- Pneumatic & Electromechanical

### Machinery & Industrial Systems

- Automated Production Lines
- Industrial Automation Systems
- PLC Software & Configuration Tools
- Industrial Communication Networks (Profibus, Profinet, Modbus)
- Motor Control & Drive Systems

### Maintenance & Troubleshooting

- Electrical Fault Diagnosis
- Preventive & Corrective Maintenance
- Electrical & Mechanical Maintenance
- Automation Systems Troubleshooting
- Equipment Performance Monitoring & Optimization

## Languages

**German** : B1- TELC B1

**English** : B1

**French** : B2

**Arabic** : Native Language

## Certifications

- TELC German B1 Certification
- Soft Skills Certification (ANETI)
- Project Management Professional Certification (PMP)

## Volunteering Experience

**Active Member at Tunibless EV Association** 2025-present  
**Member and Leader in Tunisia Scout Association** 2010-2020  
**Membre of mechatronic engineering discovery club** 2013-2015

Fully recognized  
(Anabin)



aufgrund eines Beschlusses  
des Deutschen Bundestages



**Candidate ID :**  
**Kand26\_0149**

**Mechatronik**  
(Automation-oriented)

**Electrical / Automation /  
Maintenance Engineer**

## Professional Experience

### Mechatronics Engineer

Nov. 2020 - Present

#### La Brosse Cristal

- Preventive and corrective maintenance of industrial equipment
- Installation and wiring of electrical panels and control systems
- PLC programming and configuration (Siemens, Omron)
- Troubleshooting electrical, mechanical, and automation issues

### Mechatronics Engineer

Dec. 2019 - Oct. 2020

#### Pro-teck Brush

- Integration of automated electromechanical systems
- Installation of motors, sensors, drives, and PLC systems
- Electrical and automation troubleshooting and fault diagnosis
- Electrical panel wiring and control systems integration

### Maintenance Engineer

Sep. 2018 - Aug. 2019

#### La Brosse Cristal

- Preventive maintenance planning using CMMS
- Monitoring equipment performance and reducing failures
- Troubleshooting electrical and automation systems

### Maintenance Engineer

Jul. 2017 - Aug. 2018

#### Polina Group Holding- Dick company

- Maintenance of HVAC system and automatic feeding system
- Monitoring electrical and water distribution systems
- Repair and replacement of electrical components

## Education / Professional Training

**National Engineering Degree in Mechatronics** 2013-2015

National Engineering School of Carthage

**Preparatory Cycle in Physics - Chemistry (PC)** 2010-2012

Faculty of Sciences of Tunis

## Motivation

Motivated Electrical & Mechatronics Engineer with strong hands-on experience in industrial maintenance, automation, and electrical systems. Passionate about troubleshooting, process optimization, and improving equipment reliability in demanding industrial environments. Known for adaptability, teamwork, and a strong commitment to safety, operational efficiency, and continuous learning. Seeking to contribute technical expertise and problem-solving skills to a dynamic industrial organization.

## Recognition in progress



Geleitet durch:



aufgrund eines Beschlusses des Deutschen Bundestages



**Candidate ID:**  
**KAN26-0379**

**Electromechanics**

**Electromechanics, Testing and quality assurance**

## Technical Skills

- **Software & Digital Tools**

Microsoft Office, production and quality management software

- **Technical Equipment & Tools**

Soldering and assembly tools, electrical equipment and mechanical

Fault diagnosis

- **Management & Leadership:**

Team leadership, personnel coordination, production planning & optimization of workflows

- **Quality Assurance & Compliance**

Safety standards & procedures, quality control & product testing

## Professional experience

### Shift supervisor in testing technology and quality assurance

Company: Mentor Tunisia

February 2024 - to present

- Monitoring of testing processes and ensuring product quality
- Compliance with quality standards (functionality, completeness, electrical performance)
- Responsibility for testing machines and measuring equipment, maintenance and repair
- Handling complaints and initiating measures

### Team Leader Production – Electromechanical Components

Company: Mentor Tunisia

Oct 2022 - Feb 2024

- Management and coordination of a production team in electromechanical assembly
- Ensuring production targets are met, quality standards and safety regulations are adhered to.
- Monitoring of assembly processes and troubleshooting of technical problems with electrical and mechanical components

### Electromechanical engineer – Installation & commissioning

Company: Draxelmaeir Group\_Jammel

Jan 2020 – Oct 2021

- Installation and commissioning of electromechanical systems (ACT systems, test stations, pick-to-light, packaging and testing systems, automatic screw systems)
- Machine testing and start-up commissioning
- Troubleshooting and technical problem solving

## Language skills:

German: B1 certified

English: A2

French : B2

Arabic: native language

## Certificates / Further training

- Lean Six Sigma
- Time and priority management
- Kaizen, waste reduction & efficiency improvement
- IPC J-STD-001 (Soldering Standards Certification)
- Communication and conflict management
- First aid training

## Volunteering Experience

Position: Facility Technician

Sep – 2025

Association : Mentor Tunisia/ Zeramline Parents' Association

Missions : Renovation and maintenance of an old classroom, including painting and furniture repair

## Education / Professional Development

Degree: Diploma in Electrical Engineering

Sep 2015 - Jun 2018

Institute: Higher Institute for Technological Studies Mahdia

Baccalaureate : in the field of electrical engineering

2014-2015

Secondary school : Lycée Taher Sfar, Mahdia, Tunisia

## motivation

I aspire to further my intellectual and academic development in Germany, in an environment characterized by technology, discipline and continuous improvement, and I am ready to accept this personal and professional challenge.



**FIRAS GAM**

Project Manager



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