

FACHKRÄFTE

CV BOOK

MECHANICAL INDUSTRY



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

MECHANICAL ENGINEERING & INDUSTRIAL MAINTENANCE & ENERGY

Kand25_062

Kand25_099

Kand25_064

Kand25_100

Kand25_121

Kand25_122

Kand25_098

MECHANICAL INDUSTRY

Kand25_058

Kand25_103

Kand25_110

Kand25_075

Kand25_118

Kand25_076

Kand25_105

Kand25_072

Kand25_082

Kand25_060

Kand25_061

Kand25_063

Kand25_065

Kand25_066

Kand25_067

Kand25_068

Kand25_069

Kand25_070

Kand25_071

Kand25_113

Kand25_114

Kand25_116

Kand25_117

Kand25_120



**MECHANICAL ENGINEERING &
INDUSTRIAL MAINTENANCE &
ENERGY**



Candidate ID :
Kand25_062

Energy

**Renewable Energy
 Thermal Energy, Physics
 Installer Maintainer of Photovoltaic**

Technical Skills

- Python (Intermediate)
- MATLAB (Intermediate)
- AutoCad (Electrical Design)
- Sketchup (3D Design of PV)
- PVsys
- MS-Office
- Renewable energy system design
- Energy Modeling and Simulation
- Thermal system
- Power Electronic Inverter converter

Professional Experience

Photovoltaic Engineer

01.01.2025 - Now

Sectorial Training Center of Electricity in Tunis

- Planning of Photovoltaic systems.
- Preparation of technical reports .
- Installation of Photovoltaic systems .
- Analysis of performance data and fault diagnosis.

Inter- Installer maintainer of Photovoltaic

11.2024- 12.2024

OurSun Solar Power Plant

- Loaded and unloaded materials and tools.
- Helped in positioning and securing solar panels on rooftops.
- Connected panels in series or parallel according to design.
- Helped connect panels to inverters and inverters to electrical system under supervision.

Physic Teacher's

2020 - 2024

Private High School in Hammamet

- Gave a lesson about Physics and Energy (Thermodynamic).
- Organized experiments related to energy systems.
- Guided Students through energy audits and project installation.
- Presentation about the importance of Green Energy to using as Biomass ,Photovoltaic, Wind Craft and Hydrogen .

Languages

German : B1 – ÖSD Certified

English : B2

French : B2

Arabic : Native Language

Certifications

- German Intercultural soft skills (AHK) Tunesien
- Financial Education
- Business Creation
- Installer Maintainer of Photovoltaic Systems

Education / Professional Training

Master of Physics Materials and Renewable Energy

09.2022-12.2024

Higher National Engineering School of Tunis (ENSIT)

Installer Maintainer of Photovoltaic Systems On-Grid

10.2024-11.2024

Sectorial Training Center in Electricity in Tunis

Bachelor Degree in Physics

10/2015 - 09/2019

Faculty of Science and Technology of Monastir (FSM)

Volunteering Experience

Renewable Energy Club creation

2023-2024

High School in Hammamet

Member

01/2025 -Now

Tunisian Space Association
 (Renewable Energy department)

Motivation

As a graduate with a Master's degree in Materials and Renewable Energy .I am highly motivated to work in Germany, a global leader in clean energy innovation .I am inspired by the country's strong commitment to the energy transition and ambitious goals for a carbon-neutral future. Working in Germany would allow me to expand my expertise .



Candidate ID :
Kand25_099

Mechanical Engineering

**Industrial Engineering / Complex
Systems Engineer / Maintenance
SME**

- **Data Analysis** :SQL, Power Bi, MS
- **Industrial Connectivity & IIOT**
Cogent Datahub, ArcGIS, Symphony+
- **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

Professional Experience

Technical assistance –planning engineer *From 07/2020 - today*
Ansaldo Energia Spa

- Improved equipment availability by 60% in SoS systems to H2 cooled A94.3A turbo-alternator .
- 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, Time management)

Education / Professional Training

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

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

Motivation

As an Industrial Maintenance Engineer with international experience in complex systems I am eager to an opportunity in Germany's high-tech industrial environment and contribute to innovative systems engineering, reliability-centered maintenance, and digital transformation. I value structured problem-solving, technical excellence, and collaboration—key elements of German engineering culture .



Candidate ID :
Kand25_064

Industrial Maintenance

**Photovoltaic installer
Electrical technician
Electrician
Electronics technician**

- AutoCAD
- PVsys
- Sketchup
- Microsoft Office: Word, Excel
- PowerPoint

Professional Experience

Photovoltaic installer/Electrician/Electronics Technician 04/2015 – till now

Solution Technique Sarl (Grombalia, Tunisia)

- Conducted technical studies for renewable energy systems, electronic security, and electrical installations.
- Monitored project progress to ensure compliance with design specifications and safety standards.
- Supervised on-site implementation and coordinated with contractors to ensure quality execution.

Site Manager and Supervisor

01/2024 - 12/2024

Solar23 GmbH (Burundi, Afrika)

- Installed off-grid photovoltaic systems and completed full electrical installations in rural schools and health centers.
- Coordinated effectively with local authorities, international partners, and project stakeholders to ensure smooth implementation.
- Led construction and supplier teams to meet project deadlines, quality standards, and safety requirements.

Maintenance Team Leader

06/2014 - 03/2015

Le Progrès Technologique Sarl (Grombalia, Tunisia)

- Installed electronic security systems, including intrusion alarms, video surveillance, fire detection, and access control.
- Maintained and troubleshooted various automation and network systems to ensure continuous operation.
- Configured and tested security devices to meet technical standards and client requirements.

Languages

German : B1 – Certified (ECL)

English : B2

French : C1

Italian : B2

Arabic : Native Language

Certifications

- Certified QHSE Integrated Systems Manager (ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 19011:2018)
- Certificate of Training in Installation and Maintenance of Photovoltaic Systems off-Grid (from Solar23 GmbH)

Education / Professional Training

Photovoltaic Technician

Centre regional de la formation aux métiers de maîtrise de l'énergie

From 05/09/2022 to 16/09/2022

Electrical Technician

BELLO Training center

From 25/12/2014 to 25/06/2015

Diploma of Aeronautical Mechanic, specializing in avionics B2

Airline Flight Academy

From 20/09/2010 to 23/11/2013

Motivation

Versatile technician with over 10 years of experience in electricity, electronics, mechanics, and renewable energy. I had the opportunity to work abroad with a German company, which helped me strengthen both my technical expertise and professional adaptability. I am independent, reliable, and field-oriented, with a strong commitment to installation, maintenance, and team collaboration. I'm ready to contribute my skills to your organization, take on new technical challenges, and grow within your company.



Candidate ID :
Kand25_100

Mechanical Industry

Project Coordinator, Manufacturing Engineer, Industrial engineer, Acquisition Engineer

- MS Office: Word, Excel, PowerPoint (Advanced)
- Project Management Software: MS Project

Professional Experience

Project Manufacturing Engineer

July 2023 – Present

Asteelflash Tunisia

- Oversee project management from conception and pre-serial phase to series production
- Communicate with international customers and suppliers as well as production plants
- Collaborate with cross-functional teams to ensure timely delivery of project requirements
- Manage and monitor the production schedule, proactively adjusting to meet project deadlines
- Ensure cost control and adherence to project budgets
- Calculate project cost offers

Product Engineer

January 2021 – July2023

Sumitomo Electric Bordnetze Tunisia-SEBN TN2

- Analyzed customer drawings for wiring harnesses and developed the Bill of Materials (BOM)
- Identified critical product characteristics and ensured adherence to quality standards
- Managed ERP data, including BOM creation, updates, and maintenance
- Coordinated change management processes, including technical modifications, capacity planning, and documentation
- Led DFM workshops to optimize product quality and ergonomics
- Engaged in cost-out activities aimed at reducing production costs

Languages

German : B1

English : B2

French : B2

Arabic : Native Language

Certifications

- Project Management Professional (PMP)®

Education / Professional Training

Bachelor's degree in Industrial Engineering

2017-2020

High National School of Engineers of Tunis

Preparation for Engineering Studies

2014-2017

University of Monastir

High School Diploma in Mathematics

2013-2014

Makthar High School

Motivation

I am highly motivated to join the Fachkräfte program organized by AHK Tunisia because I see it as a unique opportunity to develop professionally, gain international exposure, and contribute to the economic growth of both Tunisia and Germany through skilled labor mobility.



Candidate ID : Kand25_121

Mechanical Industry

Welder

Technical Skills

- SMAW, GMAW, GTAW, and FCAW welding
- Use of grinders, plasma cutters and oxy-acetylene torches
- Knowledge of metal preparation, weld quality inspection, defect identification and basic non-destructive testing (NDT)
- Welding equipment maintenance and troubleshooting
- Strong understanding of workplace safety protocols
- Ability to work in confined spaces and at heights and excellent hand-eye coordination
- Reliable, punctual and committed to delivering high-quality, defect-free welds on time

Professional Experience

Welder July. 2023 - Oct. 2024
 ACCER Industries

- led a team of three welders to complete a major project, accurately interpreted engineering blueprints, and contributed to a 20% increase in production efficiency by reducing errors.
- Performed quality inspections and ensured proper maintenance of welding equipment, resulting in a 10% reduction in maintenance costs.
- Communicated with other professionals to resolve design issues, develop timelines, and ensure project milestones were met.

Welder Feb. 2023 - Mars. 2023
 North Africa Steel Construction

- Assisted in welding tasks under the supervision of senior welders, gaining hands-on experience with various welding techniques .
- Strictly adhered to company and industry safety standards, ensuring a consistently safe and compliant working environment.

Intern Worker Jan. 2017 - Feb. 2017
 Company of Phosphate Gafsa

- Performed rewinding of electric motors to restore functionality.
- Observed operations and deepened professional knowledge.

Languages

German : B2
English : A2
French : A2
Arabic : Native Language

Education / Professional Training

Professional Welding Training Nov. 2022 – Dec. 2022
 Natech Training and CORP

Professional Welding Training June. 2022 – Oct. 2022
 WELDERCOM

Technical Science Baccalaureate Sept. 2015 – July. 2016
 Secondary school IBN MANDHOUR

Certifications

- Intercultural Soft Skills May. 2025
- Welding blueprint Reading Apr. 2025
- QHSE Jan. 2023
- Neuro Linguistic Programming Nov. 2020

Personal Interests

- DIY projects
- Playing chess
- Traveling and camping

Motivation

I am eager to join the welding field in Germany, where precision and skill meet innovation. The **Made in Germany** label represents quality and excellence values I strongly admire. I aim to grow technically and professionally within this leading industry and build a sustainable career while embracing new cultural experiences .



Candidate ID :
Kand25_122

Mechanical Engineering

CNC Machine Operator / Mechanical Designer

- Leadership & management
- Communication
- Teamwork
- Critical thinking
- Programming of numerically controlled machines (types of machines : MAZAK, MONFORT ,CINCINNATI, FANUC)
- Run program (code G) on machine
- Quality control and metrology
- Carry out preventive and corrective of machine equipment

Professional Experience

CNC machine operator (milling) *July/2023-june/2024*
KIOLEX, Sousse

- Programming and configuration of machines
- Carry out tool correction and program modification on machines
- Read and interpret plans and quality control of parts produce

CNC machine operator (filming) *Mai/2023-july/2023*
KAPTUN, Sousse

- Programming and configuration of machines
- Carry out tool correction and program modification on machines
- Read and interpret plans and quality control of parts produced

Mechanical designer (end of studies internship) *Feb/2022-june/2022*
EBECA, Sousse

- Project study and design
- Develop the injection mold for the part
- Prepare the part manufacturing file

Languages

German : B2

English : B2

French : B1

Arabic : Native Language

Certifications

- Certificate 1: in French language-2015

Education / Professional Training

Professional master's degree in mechanical engineering : mechanical production process engineering *From 15/9/2020 to 22/7/2022*
Higher Institute of Applied Science and Technology of Sousse

Applied degree in Mechanical Engineering *From 15/9/2017 to 18/6/2020*
Higher Institute of Applied Science and Technology of Sousse

Baccalaureate degree in mathematics *From 15/9/2012 to 12/6/2016*
High school of Sidi Bou Ali? Sousse

Personal interests

Watching movies

Playing Football

Motivation

I am passionate about the field of machining because it allows me to work with precision, solve technical challenges, and contribute to high-quality industrial production. My interest in immigrating to Germany is driven by the country's strong industrial sector, advanced technology, and commitment to innovation. I am eager to grow professionally in an environment that values skill, efficiency, and continuous improvement.



**Candidate ID :
Kand25_098**

Industrial Maintenance

Industrial Maintenance Technician

- Mechanical diagnostics and repairs
- Preventive and corrective maintenance
- Use of workshop tools and measuring instruments
- Reading mechanical drawings and schematics
- Knowledge of safety procedures and industrial workflows
- Microsoft Office (Word, Excel, PowerPoint)

Professional Experience

Intern – Maintenance Department *07/02/2018 to 14 /04 2018*

TRANSTU (Tunis Transport Company)

Ariana Depot

- Assisted in mechanical maintenance of public transport vehicles
- Performed inspections, lubrication, and replacement of worn parts
- Supported technicians in preventive maintenance operations

Intern – Technical Division STEG *22 /9/ 2017 to 11 /11/ 2017*

- Supported technical teams in maintaining equipment
- Performed routine inspections and troubleshooting
- Gained familiarity with industrial safety procedures

Languages

German : B1

English : B1

French : B2

Arabic : Native Language

Education / Professional Training

Technician Diploma in Industrial Mechanics *2017 – 2019*

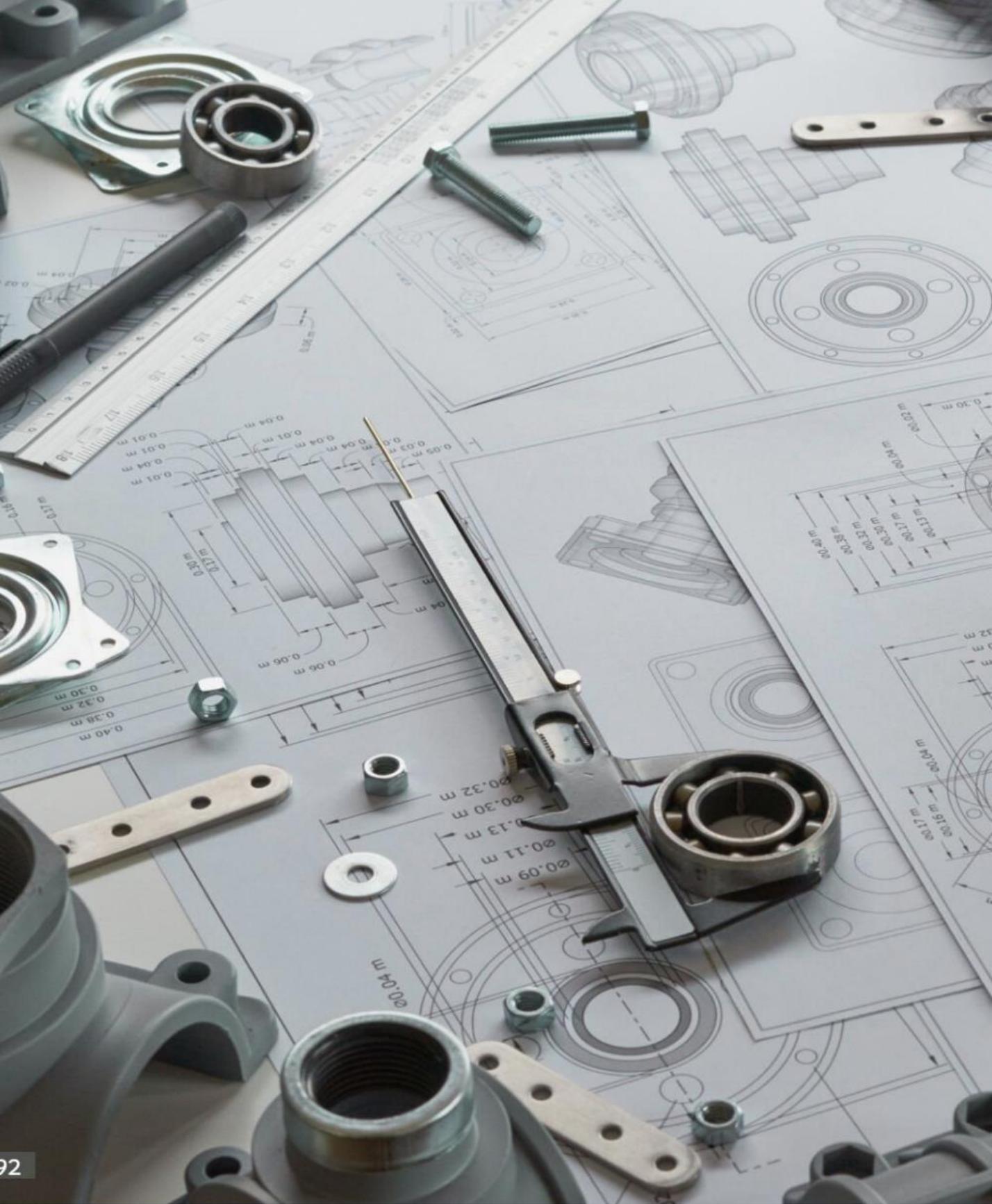
Sectoral Training Center for the Food Industry – El Khadra, Tunis

Secondary School Certificate *2016*

Tahar Ben Achour High School – Nefza

Motivation

Dedicated and hands-on maintenance technician with solid training in industrial mechanics and a strong focus on preventive solutions. I aim to contribute to equipment reliability, reduce downtime, and support continuous production through efficient technical service within an industrial environment.



MECHANICAL INDUSTRY



Candidate ID :
Kand25_058

Mechanical Industry

Industrial Maintenance

Technical Skills

- Mechanical and electrical troubleshooting.
- Mechatronic system maintenance and fault detection.
- Use of OBD tools and automotive diagnostic software.
- Integration of mechanical and electronic components.
- knowledge of industrial automation and control systems.
- knowledge of Leister heating tool.
- AutoCAD (2D drafting).
- SolidWorks (3D mechanical design).
- Microsoft Office Suite (Word, Excel, PowerPoint).

Professional Experience

Senior Technician in Auto Diagnostics

Mar. 2021 - Jul. 2023

Quality Parts Alliance

- Diagnosed engine and system faults with diagnostic tools.
- Inspected components for repair or replacement.
- Assisted in maintenance to ensure roadworthiness.

Senior Technician in Automotive Mechanics

Jul. 2018 - Sep. 2019

Auto Dardouri

- Diagnose and validate repair needs with supervisors.
- Repair or replace components using appropriate tools.
- Test and calibrate systems to meet technical specifications.

Final Year Project Internship

Feb. 2018 - May. 2018

Gescogne Sack

- Analyzed and optimized heating in flexographic printers.
- Improved thermal efficiency and stability.
- Validated performance using Leister tools.

Languages

German : - B1

English : - A1

French : - B1

Arabic : Native Language

Certifications

- **ADR Certification** : Driver Training in the Transport of Dangerous Goods (Class 2,3,4,5,6,8,9)
- **Intercultural Soft Skills** : AHK Certification

Education / Professional Training

Vocational Certificate for Road Driver

From 02/2024 to 02/2025

Sectoral Training Center in Transport and Logistics of Borj Cédria

Bachelor's Degree in Applied Mechatronics

From 09/2014 to 06/2018

Higher Institute of Technological Studies of Djerba

Technical Baccalaureate

From 09/2013 to 06/2014

High School of Grombalia

Driving Licences

Class : AA , B , BE , C , CE , H

Volunteering Experience

Volunteer
 TuniBless e.V.

From 02/2025 to Present

Motivation

I'm drawn to Germany's mechanical industry for its structured work culture and opportunities to learn through practice. With a background in mechatronics and initial training experience, I'm looking to develop real skills in an environment that values technical accuracy. This step is a way toward gaining practical experience and growing technically.



Candidate ID :
Kand25_103

Mechanical Industry

**Renewable Energy / Project
Coordinator**

- Isis Proteus Professional 7
- LabVIEW
- Matlab/Simulink
- Photovoltaic System (LV , MV)
- Autonomous Photovoltaic Pumping System
- AutoCAD
- PvSyst
- PvSol
- PVGIS
- Sketchup

Professional Experience

Technical manager and QMS coordinator *June. 2024 - CURRENT*
Nour Energy

- Supervising installation teams
- Prepared detailed technical reports and developed electrical diagrams
- 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

- Certification in Autonomous Photovoltaic Pumping System Installation
- 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 Degree 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 baccaureate *From 09/2017 to 06/2021*
Secondary School Med Ali of Sfax

Motivation

Passionate about renewable energy, I have gained versatile experience in photovoltaics, from simulation to the installation of autonomous systems. Strengthened by several technical training programs, I now aim to apply my skills within Germany's innovative and environmentally committed energy sector, where I'm ready to contribute actively to impactful projects with rigor and motivation.



Candidate ID :
Kand25_110

Mechanical Industry

Robotics and Automation

Industrial Maintenance

- 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

- Fachkräfte 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.



Candidate ID :
Kand25_075

Mechanical Industry

**Production Manufacturing /
Mechanical Design**

• Software

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

• Hard Skills

- Lean Manufacturing tools
- MES
- Electrical circuit wiring and schematics understanding
- Pneumatic and Hydraulic understanding
- Troubleshooting
- Root cause analysis
- 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 mechanical sector 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.



Candidate ID : Kand25_118

Mechanical Industry

Industrial Maintenance

Technical Skills

- Reading and interpreting technical drawings and blueprints
- Mechanical maintenance and troubleshooting
- Hydraulics and pneumatics – Understanding and repairing fluid power systems
- Knowledge of materials and mechanical properties

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 (ÖSD)
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 Hammamet 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 looking forward working in Germany to gain hands-on experience in a world-class industrial environment known for innovation and precision. This aligns with my career goals in engineering and offers a chance to grow professionally, broaden my international outlook, and improve my German.



Candidate ID :
Kand25_076

Automation Industry

**Robotics and Automation / Industrial
Maintenance**

- 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.



Candidate ID : Kand25_105

Mechanical Industry

Energy 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.



Candidate ID :
Kand25_072

Mechanical Industry

**Mechanical Design / Embedded
Systems**

• Programming Languages

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

• CAD - Mechanical

SolidWorks | AutoCAD | Catia

• CAD - Electrical

Proteus | Altium | TIA Portal | LabVIEW

• Microcontroller

Arduino | STM32 | Xilinx | ESP32 | PIC

• Mathematics

MATLAB | Maple

• Car diagnosing tools

ESI [TRONIC] | Diagbox | Delphi | VCDS

• Microsoft 365

Professional Experience

Startup Founder

Zayka Motors

Apr. 2023 - Present

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

Chief Technology Officer

Vulcain

Sep. 2020 - Mar. 2023

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

Mechanical Technician - Internships

Bosch / Peugeot / Mercedes

One month each

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

Languages

German : - B1

English : - C1

French : - C1

Arabic : Native Language

Certifications

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

• Mechanical design associate (SolidWorks) - 10/2016

• Mechanical design professional (SolidWorks) - 12/2016

• Simulation associate (SolidWorks) - 12/2016

• Advanced drawing tools (SolidWorks) - 12/2016

Education / Professional Training

Engineering Degree - Mechatronics

Private Higher School of Engineering and Technology

From 09/2017 to 10/2023

Professional License - Mechatronics

Higher Institute of Technological Studies - Rades

From 09/2014 to 06/2017

Baccalaureate - Technical

Carthage Presidency

From 09/2010 to 06/2014

Motivation

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



Candidate ID :
Kand25_082

Industrial Sector

Industrial engineer

Technical Skills

- Process Optimization & Lean Manufacturing
- Data Analysis & Statistical Process Control (SPC)
- Project Management & Team Coordination
- CAD Software & Production Layout Design
- Root Cause Analysis & Problem Solving
- Communication & Team Collaboration

Professional Experience

Industrial Engineer *from 10/2025 to present*
 Draexlmaier

- Managed production line optimization, increased efficiency to 100% through bottleneck analysis..
- Implemented process improvements and maintained effective communication between management and production teams.
- Provided technical support during task reallocation and process changes

End of Studies Internship *from 02/2024 to 07/2024*
 SAGEMCOM

- Project: Development of a New Calibration Bench Architecture for Electric Meters
- Analyzed the current hardware and software architecture.
- Designed and implemented a new hardware layout
- Developed an enhanced embedded software system for calibration tasks in C++

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

Project: Temperature Controller (PID):

- Defined project requirements and technical needs, Designed and implemented a temperature regulation system using PID control

Certifications

Pressure Regulator Design and Construction:
 Technologies: ISIS, ARES

- Created the circuit schematic and PCB layout for a pressure regulator.
- Printed the custom PCB using ARES.

Smart Parking:
 Technologies: ESP32, Python, ISIS, ARES

- Developed a smart parking system to optimize space management.

Languages

German : A1

English : B2- Certified (TOIEC)

French : B2

Arabic : Native Language

Education / Professional Training

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

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

Certifications

Embedded system Training Program:

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

Training center: CSF - 2024

Soliya Virtual Exchange Program:

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

Motivation

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



Candidate ID :
Kand25_060

Mechanical Industry

Metrology Technician

- ZEISS INSPECT
- ZEISS CT
- PC-DMIS
- CMM Manager
- FOCUS Laser Tracker
- Metrolog XG
- Deltec Measure
- Proficiency using Industrial Computed Tomography ZEISS METROTOM 6 Scout
- Proficiency using Coordinate-Measuring Machine CMM NIKON ALTERA

Professional Experience

Metrology Technician

01/10/2013 - Present

Valeo

- Implemented CT system and ensured full capacity workload to scan parts
- Over 90% of dimensional test reports delivered before deadline
- Implemented File Metrology Method (FMM) in Collaboration with R&D team and supplier to launch production parts

Metrology Technician

05/10/2012 - 26/09/2013

Altia Group

- 100 % of first production parts inspected according to drawing
- R&R test realized to valid the measurement system (MSA)
- Managed Control, Measurement and Testing Equipment's Parc

Languages

German : A1

English : B2 – Certified (IELTS)

French : B2 – Certified (TEF)

Arabic : Native Language

Certifications

- GOM CT Professional System Basic Training - 2019
- Software proficiency of GOM INSPECT professional - 2019
- CMM MANAGER - 2017
- FOCUS Scan & Inspection - 2017
- 3D Metrology PC-DMIS CAD++ - 2022
- Proficiency of quality in a plastic injection workshop - 2018
- Training Tension/Compression bench LR10K Plus & NEXYGEN PLUS software - 2012

Education / Professional Training

Mechanical Engineering

15/01/2008 - 02/07/2010

Higher Institute for Technological Studies of Rades

Technical Baccalaureate

15/09/2006 to 26/06/2007

High School

Motivation

I am highly interested in an international experience Germany. It will give me the chance to pursuit my career in a competitive environment in mechanical industry field. This opportunity will help me to enhance my technical skills and achieve the aimed growth toward my professional goals and be part of innovative and a pioneer industry.



Candidate ID :
Kand25_061

Mechanical Sector

**Mechanical Design / Maintenance /
 Production**

Techniques

- MS Office (Word, Power Point, Excel,...Etc.)
- CosmosWorks, CosmosM (basics), SolidWorks, AutoCAD, Master Cam, Catia V5,
- Arena, Sphinx, EBP plane Business, CASGENESIS World, MAXXDB, AQMANAGER, OPTIMAINIT
- MATLAB (basics), FORTRAN.

IT

- Python,
- Scikit-Learn, BERT, GPT,

Professional Experience

Maintenance Division Manager *03/2010 – CURRENT*

National Wastewater Utility

- Lead and manage a team of maintenance engineers, technicians and Mechanics to ensure maintenance activities.
- monitor expenses and find cost-effective solutions without compromising quality.
- Monitor and analyze vehicle performance data to identify areas for improvement.

Quality System Responsible and FMEA Coordinator *06/2009 – 02/2010*

DRÄXLMAIER Group

- Review and update standard operating procedures (SOPs) and Quality Assurance Manuals.
- Identify failure modes, their causes and their impact on: quality, safety and performance.
- Conduct internal audits and analyze quality data to identify trends and areas for improvement.

Product Designer *03/2008 –05/2009*

YAMAICHI ELECTRONICS

- Develop and refine 3D CAD models and technical drawings for electronic components.
- Develop product prototypes using rapid prototyping and 3D printing technologies.
- Work with PCB designers and electrical engineers to Ensure compatibility of mechanical and electronic components for optimal performance.

Languages

German : - Level B2,

English : - Level B2,

French : - Fluent,

Arabic : Native Language.

Certifications

- Machine Learning (Online course @ ReDi School of Integration in Munich, Germany),
- German (B2.1 and B2.2 Level-Online course @ Münchner Volkshochschule München, Germany),
- Code, Data and Design (Python course online @ ReDi School of Integration in Munich, Germany),

Education / Professional Training

National Diploma of Electro-mechanical Engineer *09/2003 –07/2006*

National School of Engineers of Sfax

Diploma Technological Preparatory Cycle *09/2000 –06/2003*

Preparatory Institute of Engineers Studies of El Manar

Baccalaureate *Juin 2000*

Secondary school of Djelma

Voluntary Experience

- Regional Coordinator at **TuniBless e. V** (Supports cultural and economic exchange between Germany and Tunisia) @ Husarenäcker 4, Kaiserslautern, Deutschland since September 2023.

Motivation

From CAD to AI, from Tunisian roots to Bavarian routes. I aim to turn vision into value, with purpose and precision. I hope also to shape the future where engineering meets purpose and cultures build bridges.



Candidate ID :
Kand25_063

Mechanical Engineering

Quality (Automotive) / Mechanical Design

- SolidWorks; CATIA
- Mastercam, AUTOCAD
- Microsoft Office: Excel, PPT, Word
- Quality core tools: APQP, PPAP, FMEA, SPC, MSA
- Audit VDA 6.3; Audit IATF; 8D; ISHIKAWA, 5 Why; Kaizen...

Professional Experience

Expert Quality Customer Assurance/Interface (QCA)

Leoni Wiring Systems, Sousse-Tunisia *June 2022 - April 2025*

- Managed a team of Q-supervisors and led all customer communication for all Q-issues and enquiries.
- Negotiated LEONI liability of technical issues (0 KM and Warranty) - 70% rate of rejection of claims per year.
- Ensured compliance with automotive standards (IATF; VDA 6.3 and CSR) - reached >90 A for system IATF and process VDA 6.3 audits

Technical and Quality Team Leader

SONOMED, Tunis-Tunisia *June 2019- June 2022*

- Ensured the quality control of incoming goods (medical devices for intensive care.) - detected almost all defective devices
- Installed and maintained our medical devices with the technical team - reached customer satisfaction with all our partners
- Communicated with suppliers regarding quality problems - contributed to process improvement by supplier

Mechanical Designer

Abdelkader Mellouli Group for all types of stainless-steel, Sousse *April 2016- May 2019*

- Led Meeting with the design team and/or customer to discuss the project and requirements for production.
- Created 3D/2D designs according to customer requirements
- Supported and assisted operators in entering parameters and tooling of CNC machines - avoided quality problems

Education / Professional Training

Applied License in Mechanical Engineering

Higher Institute of Applied Science and Technology in Sousse *From 09/2011 to 06/2014*

Preliminary studies for engineering

Institute for Preparation for Engineering Studies in Monastir, Tunisia *From 09/2008 to 06/ 2011*

Baccalaureate in mathematics

Secondary school Erriadh in Sousse, Tunisia *From 09/ 2004 to 06/ 2008*

Languages

German : - B2 – TELC

English : B2

French : C1

Arabic : Native Language

Certifications

- Certificate on intercultural Soft skills and Management. 2025
- Certificate on the requirements of IATF 16949. 2023
- Certificate on the requirements of ISO 9001 and ISO 19011 2016

Motivation

I'm passionate about mechanical design because I enjoy working with CAD tools and transforming concepts into detailed, functional designs. I enjoy as well solving Quality problems and improving process performance, especially in the automotive sector. Germany's strong reputation for engineering excellence and its focus on innovation make it the right place for me to deepen my skills and contribute to meaningful projects.



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

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

Candidate ID : Kand25_065

Mechanical Industry

Industrial Maintenance / Mechanical Design

- AutoCAD proficiency
- SolidWorks proficiency
- Strong computer skills
- Precise commissioning of equipment
- MS Office (Word, Excel, PowerPoint, etc.)
- Handling and operation of measuring instruments
- Preventive maintenance and repair of machinery
- Lean Management : KAIZEN, PDCA
- ISO 50001 /14001/9001

Professional Experience

Industrial maintenance technician

Jan. 2024 - Aug. 2024

Denergie tataouine

- Used measuring instruments such as calipers and micrometers to verify the specifications of worn parts
- Sharpened tools to restore cutting ability
- Manufactured parts on a lathe and milling machine.

Industrial maintenance technician

Aug. 2020 - Dec. 2021

Zrer workshop

- IPerformed preventive and corrective maintenance on a wide range of industrial equipment
- Inspected electric pump motors and gearboxes for signs of wear, damage, or electrical faults.
- Documented repair, maintenance, and inspection reports.

Professional Training

The Société Italo-Tunisienne d'Exploitation

Jan . 2019 - Feb. 2019

Pétrolière (SITEP)

- Dismantled and reassembled complex mechanical systems with precision (Oil pump) .
- Repaired and maintained hydraulic pumps, valves, and actuators(Oil tanks).
- Lubricated bearings and gears inside gearboxes to reduce friction and prevent wear

Languages

German : - B1 ECL (B2 in progress)

English : - C1 (Certified EF)

French : - B1

Arabic : Native Language

Certifications

- Applied Training in Welding
- MS Office Certification
- SOLIDWORKS
- Intercultural Soft Skills Training by AHK (German Chamber of Commerce)

Volunteering Experience

Volunteer *From 08/2022 until now*
Tunibless e.v .

Volunteer *From 07/2023 to 07/2024*
the Regional Charity Association for Relief and charity.

Volunteer *From 11/2021 to 11/2022*
The regional charity association for elderly care

Education / Professional Training

B.Sc in Mechanical Engineering

From 10/2017 to 06/2020

Higher Institute of Technological Studies of Tatooine

High School Diploma (Abitur)

From 08/2011 to 07/2016

High School of City Almahrajan

Motivation

I'm fascinated by the advanced technologies and high-quality machinery in German industry. Working in this environment would enhance my technical skills and provide valuable experience. I admire German companies' excellence, innovation, and focus on employee development, and I'm motivated to grow within this field.



Candidate ID :
Kand25_066

Mechanical Industry

Production and manufacturing Industry Maintenance

- **Lean Management :** KAIZEN, PDCA, KANBAN, Pareto, VSM, SWOT, POKE-YOKE, 5S, SMED, Brainstorming, Muda, Gemba, FMEA, Control chart; TPM.
- **ERP :** SAP, MFG Pro, Quali pro XL
- **Maintenance :** MTBF, MTTR, lubrication , mechanical seal.
- **Mechanical design :** SolidWorks, AbaqusCAE, Catia V6
- **Electric :** ISIS, Arduino, STM32, PV system, WinDev
- **Safety:** CERT ; S3 production

Professional Experience

Production Manager *05/07/2022- in Present*

PAFTUBE: Metal processing company

- Plan, schedule and launch production.
- Monitor key performance indicators (KPIs)
- Manage KAIZEN, 5S, SMED projects and ensure the smooth running of the PDCA circle.

Maintenance Manager; technical SALES *01/09/2019-31/07/2023*

Pompesoins Afrique (DWI GmbH)

- Supervise maintenance technicians
- Investigate the causes of mechanical failures or maintenance problems;
- diagnosis and inspection of lubrication techniques

Position *01/01/2012-31/08/2019*

SOLUSTEEL, metal industry, assembly, packaging

- Manage the production team
- Ensure the correct application of the rules for applying the management system
- Develop the corrective and preventive maintenance plan for protective equipment

Languages

German : A2

English : B2

French : C1

Arabic : Native Language

Certifications

- ISO 45001
- IATF 16949 :2016 & Audit processus VDA6.3 :2023
- FMEA AIAG-VDA 2019 edition
- ISO 9001 V 2015
- Lean second level S2
- Pump reparation : mechanical seal
- CSWA
- PRODUCTION SAFETY (S3)
- Training in petroleum engineering
- Production safety S3
- First aid certificate
- SMART Manufacturing
- Lean Manufacturing: TPM and VSM tools (S1)

Education / Professional Training

Electromechanical Engineering *01/09/2014 - 01/10/2018*

ESPRIT: Private Higher School of Engineering and Technology

Applied license in mechanical engineering, industrial maintenance *01/09/2008 - 10/10/2011*

ISSET Gabes: Higher Institute of Technological Studies.

Baccalaureate *06/2008*

Ghanouch Secondary School

Motivation

Experienced Production & Maintenance Manager (10+ years) in metallurgy/mechanics, expert in team leadership, continuous improvement (KAIZEN, 5S), KPIs, and technical projects. Proficient in industrial maintenance, lubrication, and production, with a strong focus on safety and quality. Eager to leverage my skills to contribute to the success of innovative German companies.



Candidate ID :
Kand25_067

Mechanical Industry

**Manufacturing Engineer/ Industrial
Engineer**

- ERP : Microsoft Dynamics NAV
- CAD/CAM Software: SolidWorks (CSWP,CSWPA), CATIA, Creo, Mastercam, SolidCAM
- Lean Manufacturing & Continuous Improvement: 5S, SMED, Kaizen, TPM,VSM, PDCA,FMEA, 8D,DMAIC
- MS Office (Excel, PowerPoint, Word)
- Maintenance management (FMEA, CMMS)
- Project Management Tool (MS Project)

Professional Experience

Production Manager

Sep. 2021 - Present

FATAR International

- Led daily analysis of KPIs (OEE, scrap, efficiency)
- Implemented corrective actions using Lean tools improving line productivity.
- Managed production ramp-up and start of production (SOP) for launch projects to align processes with assembly updates .

Production engineer

Sep. 2019 - Sep. 2021

FATAR International

- Monitor key performance indicators (KPIs)
- Designed tooling and optimized workstations using SolidWorks to reduce setup time and improved assembly flow
- Coordinated testing, design reviews, and documentation Inspection for prototype validation and sample approval

Engineering Graduate Internship

Feb. 2019 - Mai. 2019

FATAR International

- Implementation of Lean Manufacturing tools in a plastic injection workshop

Languages

German : B2 – Certified Telc

English : B2

French : B2

Arabic : Native Language

Certifications

- Certification KAIZEN™ - 2019
- Certificate SOLIDWORKS Professional CSWP – 2018
- Certificate SOLIDWORKS Professional Advanced Weldments CSWPA-WD-2018
- Certificate Telc B2 German - 2024
- Certificate evaluation for foreign higher education qualifications from the Central Office for Foreign Education (ZAB) - 2023
- Intercultural Soft Skills Training – Certificate issued by AHK (German Chamber of Commerce) -2025

Education / Professional Training

Mechanical Engineering Degree

From 09/2016 to 07/2019

National Higher Engineering School of Tunis (ENSIT)

Bachelor's Degree in Electromechanical

From 09/2013 to 06/2016

Higher Institute of Industrial Management of Sfax (ISGIS)

Baccalaureate Diploma :Mathematics section

From 09/2009 to 06/2013

Secondary High School Sadok Feki Sfax

Motivation

I am excited to work in Germany's world-class mechanical industry. With hands-on experience in lean production, lean manufacturing, process optimization, and CAD design, I'm ready to contribute to high-quality, efficient manufacturing. I'm eager to grow professionally in a technology-driven environment and integrate into German work culture.



Candidate ID :
Kand25_068

Mechanical Industry

**Mechanical Design - Industrial
Maintenance**

- 3D CAD Design: SOLIDWORKS, CATIA
- Finite Element Analysis (FEA): ANSYS, Abaqus
- Programming & Scripting: Python, MATLAB
- Productivity Tools: Microsoft Office (Excel, Word, PowerPoint)
- Technical Documentation: Creating technical reports, specifications, and assembly instructions
- Material Science: Knowledge of metals, polymers, composites, and material selection

Professional Experience

Mechanical Design Engineer

Sep 2023 - Present

Tasker

- Designed mechanical parts and assemblies using CAD tools (SolidWorks, CATIA)
- Created detailed technical drawings GD&T and ISO standards
- Performed strength analysis and FEA to validate and optimize designs

Mechanical Workshop Manager

Aug 2020 - Aug 2023

Djamel Auto Company

- Supervised the various actions in the workshop
- Coordinated and Optimize Workshop Activities
- Optimized Stock and Material Management

Part-time Automotive Mechanics Teacher

Sep 2018 - Jul 2020

Institute of Training and Business Administration

- Designed and Delivered Engaging Automotive Mechanics Lessons
- Demonstrated the Effective Use of Diagnostic Tools and Software
- Led Practical Workshop Sessions with Hands-On Learning

Education / Professional Training

M.Sc. in Mechanical Engineering in Mining Systems 05/09/2023 - 21/06/2025

Higher Institute of Technological Studies of Gafsa

B.Sc. in Mechanical Engineering 05/09/2010 - 19/06/2014

Higher Institute of Technological Studies of Gafsa

High School Diploma

15/09/2006 - 28/06/2010

Ahmed Tlili High School

Languages

German : B1 - Certified (ÖSD)

English : B1 - Certified (PET Cambridge)

French : B2 - Certified (DELFL)

Arabic : Native Language

Certifications

- SolidWorks Certificates : CSWA, CSWP, CSWPA-SheetMetal, CSWPA-Weldments, CSWPA-DrawingTools, CSWPA-MoldMaking - 2024
- Tekla Structures Steel Modeling Training - 2025
- Finite Element Analysis Convergence and Mesh Independence - 2025
- CFD Simulation Through a Centrifugal Pump - 2025
- Python Essentials 1 and 2 - 2025
- Fundamental Skills in Engineering Design - 2025
- Systems Engineering : Challenging Complexity - 2025
- Six Sigma White Belt and Six Sigma Yellow Belt - 2025
- Design thinking - 2025

Motivation

I am highly interested in the German mechanical engineering sector due to its global leadership in innovation, precision, and industrial excellence. My goal is to contribute to advanced engineering projects, enhance my expertise in design and simulation, and work in an environment that values quality and technical rigor. This international step is a strategic move to grow professionally and be part of impactful engineering solutions.



Candidate ID :
Kand25_069

Mechanical Industry

Design/Maintenance Engineer

Technical Skills

Design & Simulation Software:

- Completed Tasks
- CATIA V5
- SOLIDWORKS
- ABAQUS
- RDM 6
- AutoCAD

ERP & Management Tools:

- SAGE X3
- SAP
- Microsoft Office Suite

Professional Experience

Production Manager

TIGAMA EST. Algeria

4 years

- Led marble supply for 5,000-unit ADL Housing Project using Egyptian Beige Marble.
- Contributed to a 30% revenue increase at Tigama Est Algeria over four years through strategic initiatives.
- Installed and implemented fully automated production lines to increase throughput and consistency.

Production Manager

Marbrerie Tunis Carthage MTC, Tunisia

3 years

- Led production scheduling and task distribution, ensuring efficient workflow and performance tracking.
- Managed raw materials and equipment, optimizing cost-efficiency and machine reliability.
- Implemented an automated production line with a PEDRINI polishing machine and a GMM CNC cutting machine.

Mechanical Engineer

Marbre Brin Company, Tunisia

1 year

- CDevelop a preventive maintenance schedule based on ISO 9001 standards.
- Minimize machine downtime and enhance overall productivity.

Languages

German : Intermediate (B1)

English : Upper Intermediate (B2)

French : Upper Intermediate (B2)

Arabic : Native Language

Certifications

- German Language – Level A2, Goethe-Institut Tunisia (2018)
- English Language – Level C1, ONSET Test (2024)
- SOLIDWORKS Mechanical Design Certificate (2014)
- SOLIDWORKS Advanced Sheet Metal Design Certificate (2014)
- Quality Management Certificate (ISO 9001 Standard) (2014)
- Lean Manufacturing – Six Sigma Yellow Belt Certificate (2015)
- Certificate in Design and Simulation with ABAQUS (2015)

Education / Professional Training

Mechanical Engineering Diploma

ENIM, Tunisia

From 10/09/2012 to 21/07/2015

Pre-engineering program

College of Technical Sciences of Tunis, Tunisia

From 10/09/2009 to 14/06/2012

Baccalaureate in Technical Sciences

Technical High School of Kasserine, Tunisia

From 12/09/2005 to 09/06/2009

Motivation

I worked on projects with a German company and visited their site, which inspired me. I want to grow my career through international experience and make valuable step toward achieving my professional goals in a structured and dynamic work culture.



Candidate ID :
Kand25_070

Mechanical Industry

Production and Manufacturing/Machining methods engineer

- Proficiency in CAD/CAM tools
- Familiarity with standards and regulations.
- In-depth Knowledge of materials.
- Project management skills.
- Expertise in machine tools programming.
- Knowledge of process engineering.

Professional Experience

CNC Machining Methods Manager

Oct. 2019 -Present

Filiere Albaraka

- Optimized manufacturing processes to maximize efficiency.
- Ensured precision and accuracy in CNC programming.
- Led successful machining projects from planning to execution.

CNC Machining Methods Manager

Dec. 2017-Jul. 2019

Fonderie Tunimarine

- Optimized team performance and enhanced production efficiency
- Contributed to product development and process improvements
- Streamlined the methods department by organizing documentation and tools.

Machining methods engineer

Jan. 2017-Nov.2017

Mechatronics for industrial solution

- Delivered high-precision parts by optimizing CNC programming
- Improved production efficiency through structured processes.
- Ensured consistent product quality with effective quality control methods.

Languages

German : - B2

English : - B2

French : - C1

Arabic : Native Language

Certifications

- Industry 4.0 and Advanced Manufacturing Technologies(2025)
- Accounting, tax and social obligations of the company (2024)
- PMP Training (2023)
- Mstercam Milling 3D (2021)
- QHSE Manager (2019)
- SolidWorks Professional (2017)

Education / Professional Training

Mechatronics engineer

Sep.2014 – Aug.2017

Private Higher School of Engineers of Monastir

Higher Technician in Mechanical Manufacturing

Sep.2011 –Aug.2014

Higher Institute of Technological Studies of Mahdia

National Freediving trainer

Jan.2024 – Dec.2024

National Centre for Training and Retraining of Sports Executives, Tunis

Volunteering Experience

Oct.2023- present

Team member

TuniBless

Nov.2019 –May.2024

Founding member, athlete and coach

Nautical Activities Club of Monastir

Motivation

Inspired by my visit to BMW Motorrad in Berlin in 2016, I see engineering as a mindset, not just a job. Equipped with a degree in Mechatronics and experience in CNC programming and project management for high-tech industries, I'm driven by innovation and process optimization.



Candidate ID : Kand25_071

Mechanical Industry

**CNC Programmer / Machinist
Mechanical Designer**

Technical Skills

- CNC programming : Mastercam 3 and 4 axis (Milling).
- CNC simulation: Vericut & CIMCO.
- Expertise in G-code, FANUC controls
- Mechanical design: SolidWorks.
- Advanced CNC machine maintenance (bearings, guideways, pneumatic systems).
- Designing Mechanical parts, Molds and, simulation and motion studies.

Professional Experience

CNC Programmer Jan. 2023 - Present
 AMSA

- Analyzed technical drawings and determined production requirements.
- Created CAM programs using MASTERCAM for 3- and 4-axis CNC machines.
- Determined the best machining methods, tools, and cutting conditions.

CNC Machinist (Milling) Aug. 2022- Present
 AMSA

- Set up and adjusted machines (FANUC Controls).
- Started the production process based on the machining plan.
- Inspected and ensured parts compliance using measurement tools.

Mechanical designer Nov. 2019 - Present
 Freelance

- Designed mechanical parts and assemblies using CAD software.
- Created detailed 2D drawings and 3D models for manufacturing.
- Prepared technical documentation and exploded views.

Languages

German : B2 : Certified Telc B2

English : B2

French : C1

Arabic : Native Language

Certifications

- Mastercam: 3D CNC milling. 2021
- Mastercam turning . 2021
- Solidworks mechanical design. 2019
- German Language Certificate 2024
Telc B2

Education / Professional Training

Bachelor's Degree in Mechanical Engineering Sep.2019 - jun.2022
 Higher Institute of Technological Studies of Sfax

Baccalaureate degree in Technical Studies Sep.2015 - jun.2019
 High School of Sfax

Volunteering Experience

Member Sep.2024 - Present
 TuniBless

Athlete Jan.2014 - Present
 Sports Activities Association.

Motivation

Motivated to work in Germany to contribute to precision manufacturing while applying my strong technical background. I have successfully completed countless projects, each with unique challenges that have strengthened my practical experience. I'm looking to expand my skills in a modern industrial setting.



Candidate ID :
Kand25_113

Mechanical Industry / Energy

**Energy and Building Technology
 Engineer / Photovoltaic technical**

Software

- AutoCAD, Revit
- PVSyst, PV*SOL, Sketch Up
- BAO Evolution SED, RETScreen Expert
- DesignBuilder
- MATLAB, Simulink
- Python, SQL, C, C++
- Primavera P6, MS Project
- Jira
- Microsoft 365, Power BI

Techniques

- Data analysis and modeling
- Simulation software use

Languages

German : - B1 - Certified (ECL)

English : - B2

French : - C1 - Certified (TCF)

Arabic : Native Language

Certifications

- Readying Talent for Green Jobs – 2025
- Green Digital Certificate – 2025
- Project Management – 2020
- Photovoltaic Technology & Product Labeling – 2019

Professional Experience

Energy Efficiency Consultant

Mar. 2023 - Feb. 2025

Global Enr

- Conducted energy audits on commercial buildings in France.
- Designed tailored energy performance plans compliant with regulator standards.
- Managed project implementation in accordance with energy regulations.

HVAC Project Engineer

Sep. 2021 - Nov. 2022

General Maintenance Service

- Designed and reviewed HVAC systems for commercial buildings.
- Coordinated with cross-functional teams for project delivery.
- Managed HVAC installation and commission per project specs.

Renewable Energy Consultant Proposals & Bidding

June. 2020 - Aug. 2021

Visionary Investment Finance Company

- Conducted renewable energy case studies.
- Developed business models for clean energy projects.
- Performed SWOT analyses for strategic planning.

Education / Professional Training

Professional Training - Grid-Connected Photovoltaic Systems

Mar. 2025 to Apr. 2025

Ecopark Borj Cedria

Advanced Technologies Engineer

Aug. 2014 to Jan. 2020

National School of Sciences and Advanced Technologies
 of Borj Cedria - ENSTAB

Baccalaureate in Technical Sciences

Sept. 2013 to July. 2014

Secondry School of Houmt Souk

Volunteering Experience

Member

Feb. 2024 to Present

Deutschsprachiger Kulturkreis Djerba

IT Training Officer

Dec. 2024 to Present

Tunibless e.V.

Motivation

Eager to contribute to Germany's energy transition by applying my skills in thermal and renewable energy engineering according to German energy standards. Committed to innovation and continuous learning.



Candidate ID : Kand25_114

Mechanical Industry

**Production & manufacturing /
Mechanical design**

Technical Skills

- Lean Management & Manufacturing
Six Sigma Tools : DMAIC , RCA , Pareto , VSM , SMED ,Kaizen , Kanban
- Project Management MS Office
- Process Management SAP , MAO , CAO
- Simulation & Design Tools :
SolidWorks, Catia, ZW3D, AutoCAD, Abacus, ANSYS

Professional Experience

Cost & Acquisition of New Projects Engineer *Jul. 2024 - Present*
 Vernicolor Group

- Achieved the acquisition of 5 projects in just 6 months
- Generate 400k€ in savings by investing in in-house machine rather than outsourcing the process
- Organized & led feasibility discussions with clients

Product & Industrialization Engineer *Aug. 2022 - Jun. 2024*
 Sumitomo Electrical Bordnetze

- Implemented technical modifications on engineering drawings and boards harnesses
- Improve product line efficiency from 45% to 70% Through process optimization and workflow enhancements
- Transferred the A8 Golf (VW) from Morocco to Tunisia

Machine Learning Engineer *Jan. 2022 - Jun. 2022*
 WeWire Coroplast Group

- Optimized change over time in the cutting zone from 40 min to 9min
- Increased OEE from 33% to 75%

Languages

German : - B1
English : - B2
French : - C1
Arabic : Native Language

Certifications

- ISO 9001 Quality management system & ISO14001 Environmental Management System 2019
- Intercultural Soft skills 2025
- Negotiation Techniques 2025
- Excel advanced 2025

Education / Professional Training

Mechanical & process Technology Engineering *From 10/2019 to 06/2022*
 Higher school of Engineering of Mdjez El Beb

License of Construction & mechanical manufacturing *From 10/2017 to 06/2019*
 Higher Institute of Technological studies of Mahdia

Technical Baccaureate *From 09/2015 to 06/2016*
 high school of Grombelia

Volunteering Experience

Team member *From 04/2025 to Present*
 TuniBless

Project Leader *From 10/201 to 01/2020*
 Association of Scientific Research and Innovation in Computer Science

Motivation

Motivated mechanical engineer with strong analytical skills, eager to contribute to the automotive industry in Germany's innovative engineering environment. A proactive team player, committed to delivering results and meeting deadlines efficiently.



**Candidate ID :
 Kand25_116**

Mechanical Industry/ Energy

**Quality / Maintenance / Energy
 Engineer**

- Quality control
- Quality Management
- Maintenance planning
- FMEA
- Lean Manufacturing
- Solar plants design
- Electrical design
- Electrical commissioning
- Instrumentation
- Project management
- Team player

Professional Experience

Renewable Energy Engineer

April 2022 - Current

STEG

- Design of LV and MV Solar plants
- Perform load flow and short circuit simulation using NEPLAN
- Commissioning of solar and cogeneration plants

Electrical and Instrumentation Engineer

Nov. 2019 - April. 2022

STEG

- Oversee the installation and testing of new instrumentation systems with existing equipment
- Plan maintenance activities of a gas compression station
- Provide training and technical guidance to maintenance technicians.

Quality Assurance Engineer

Oct. 2016 - Mai. 2019

MAKLADA INDUSTRIES

- Lead the resolution of customer complaints by employing 8D and QRQC processes
- Oversee internal and external audits

Languages

German : - B1

English : - C1

French : - C1

Arabic : Native Language

Certifications

- 2024 29th international training on wind turbine technology and applications from NIWE, India
- 2023 Solar inverter control strategies from ENIT
- 2018 Internal auditor from TÜV Rheinland
- 2017 Lean Six Sigma yellow belt from L2M

Education / Professional Training

Master degree in Quality, Health, Safety And Environment

From 09/2020 to 08/2022

Higher Institute of Technological Studies of Nabeul

Engineering degree in Instrumentation and Industrial Maintenance

From 09/2013 to 08/2016

National institute of applied sciences and technology

Motivation

With over 8 years experience in various positions as quality, electrical and instrumentation, and renewable energy Engineer in both mechanical industry and Energy sector, I am motivated to bring my practical skills in ISO standards, preventive maintenance, and continuous improvement to ensure reliability and operational excellence of German enterprises.



Candidate ID : Kand25_117

Mechanical Industry

Industrial Maintenance

Technical Skills

- Microsoft Office
- Programming and automation: Mastering the Siemens PLC (S7 300, S7 1200, S7 1500).
- OPTIMAINT

Languages

German : B1 – Certified Goethe Institute

English : A2

French : B1

Arabic : Native Language

Certifications

- Certificate of participation in Intercultural Soft Skills
- Certificate Siemens Automation Package (S7-1200, S7-300, TIA Portal, Frequency Converters)
- Certificate of participation in the development of professional Skills
- Certification in sizing, installing, and commissioning grid-connected PV systems
- First Aid Certification

Voluntary Experience

- Launched a donation campaign for the purchase of air conditioners for the baccalaureate exam rooms
- Launching an awareness campaign to investigate breast cancer
- Organized an entertaining day to celebrate Valentine's day with children of determination
- manufacturing sterilization room and remote robot to fight against covid-19
- Conducting a cleaning campaign to the neighborhoods of Qibli state

Professional Experience

Senior Technician in Maintenance

04/2022 - in progress

Cofat

- Performed corrective and preventive maintenance to maximize safety and performance of electrical wiring test benches.
- Proposed solutions to improve procedures and optimize equipment safety and performance

Automotive Electrical Workshop Manager

07/2019 – 07/2020

Abdallah Falfoul Workshop

- Supervision of electrical maintenance for vehicles, and rapid diagnosis of breakdowns.
- Restored functionality of critical systems (electronic boards, circuits).

END OF STUDY PROJECT INTERNSHIP

02/2016 – 05/2016

GABES CEMENT COMPANY

- Increased the material transport throughput by 20% thanks to the installation of a belt conveyor
- Replaced the vibrating conveyor with a belt conveyor to reduce maintenance downtime by 30%

Education / Professional Training

Master's Degree in Electrical Systems Control

September 2017 to June 2019

Higher Institute of Industrial Systems, Gabes

Applied Bachelor's Degree in Electromechanics

September 2013 to June 2016

Higher Institute of Industrial Systems, Gabes

BACHELOR OF TECHNICAL SCIENCES

September 2012 to June 2013

High school ibn Sina street

Motivation

I am passionate about the maintenance sector in Germany for its industrial excellence, its advanced technologies (Industry 4.0) and its rigorous standards in addition to attractive salaries and economic stability. My goal is to acquire local certifications e.g. TÜV, then to pilot innovative projects such as predictive maintenance, while contributing to sustainable systems. What motivates me To take up the challenge of a demanding environment, to combine German precision and innovation, and to give meaning to my work by optimizing critical installations.



Candidate ID :
Kand25_120

Mechanical Industry

Quality Engineer

- **MS Office Tools:** Word, Excel, PowerPoint, MS Project
- **Quality management, Lean Manufacturing & Continuous Improvement:** 5S, Kaisen, VSM, SWOT, PDCA, Ishikawa, 5 Why, Pareto, FMEA, 8D, DMAIC,...
- **ERP:** SAP

Professional Experience

Process and Product Quality Manager *Feb. 2025 - Present*

KKT&WH-E Tunisia

- Collaborated with production teams to resolve quality issues and optimized processes.
- Monitored key quality indicators and drive improvements via actions plans.
- Trained quality agents on quality standards, procedures, and specific customer requirements.
- Managed customer complaint and 8D reporting.

Quality Team Leader *Jan. 2020 - Jan. 2025*

Electrocontact Tunisia

- Deployed and ensured compliance with quality policies and quality management system in accordance with IATF 16949 and ISO 9001 standards.
- Identified non-conformities, led root-cause analyses, and corrective/preventive measures.
- Prepared and involved in internal and external quality audits.
- Built strong team through coaching, mentoring, training and performance evaluations.

Languages

German : A2

English : B1

French : B2

Arabic : Native Language

Certifications

- Group Problem Solving Methodology (2025)
- Quality Management System ISO 9001vs.2015 (2016)
- Internal Audit ISO 9001 & ISO 19011vs.2015 (2016)
- HSE Management (2013)

Education / Professional Training

Engineering degree Industrial Engineering *From 09/2011 to 06/2014*

Private Engineering School of Sousse

Bachelor in transport and logistics *From 09/2008 to 06/2011*

Higher Institute of Transport and Logistics of Sousse

Baccalaureate in Technical Sciences *From 09/2007 to 06/2008*

Othmen Chatti School of M'saken

Motivation

Quality engineer with 5 years of experience in industrial environments, motivated to join an innovative German company and contribute to the continuous improvement of quality processes. My analytical mindset, strong command of international standards (ISO 9001, IATF 16949), and willingness to work in an intercultural environment make me a committed and adaptable candidate.



FIRAS GAM

Project Manager



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