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KAWTHER BOUKARI

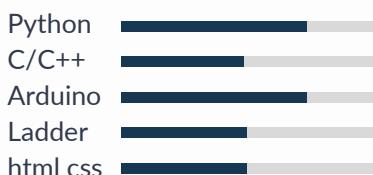
AUTOMATION & BMS ENGINEER

PROFILE

Automation Engineer with 5+ years of hands-on experience in BMS/GTB/GTC systems, HMI development, HVAC and energy control, and industrial IT environments.

Proven experience supporting automation projects across the full project lifecycle.

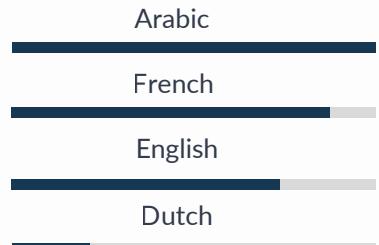
PROGRAMMING LANGUAGE



SOFTWARES

- FX Workbench
- CCT Johnson Controls
- AutoCAD
- Matlab
- DOPSoft
- ISPSoft
- Siemens

LANGUAGES



CORE TECHNICAL SKILLS

- BMS / GTB / GTC Systems: Configuration and commissioning of HVAC, lighting, access control, and energy management systems
- Control Systems & Field Devices: Selection, calibration, and integration of sensors and actuators (temperature, pressure, motors, valves, VFDs)
- HMI / SCADA: Design and configuration of HMI interfaces using DOPSoft; supervision and control using FX Workbench
- Automation Platforms & Tools: Johnson Controls (CCT, FX Workbench), EasyIO, ISPSoft, AutoCAD
- Control Logic & Programming: Ladder Logic, PLC-oriented programming, basic Python and C/C++ for automation support



WORK EXPERIENCE

- **Electronics Engineer - Excellencia (Tunisia)** 2024 - 2025
 - Configured and selected BMS automation equipment, including controllers, sensors, and field devices for building automation systems
 - Prepared technical proposals for energy and automation projects, ensuring compliance with client requirements
 - Integrated sensors and actuators for HVAC, lighting, and energy management systems (check with Babak)
 - Developed and configured control logic and HMI interfaces using Johnson Controls (CCT, FX Workbench)
 - Supported system testing, commissioning, and handover activities in coordination with project teams
- **Industrial IT Specialist - IMAGE Technology (Tunisia)** 2020 - 2023
 - Developed HMI graphic interfaces using DOPSoft for Delta automation systems
 - Supported automation and monitoring systems, including computer vision-based quality inspection of products, system configuration, testing, and troubleshooting
 - Performed system commissioning and validation activities in coordination with technical teams
 - Provided remote technical support for deployed systems, ensuring operational continuity
 - Contributed to image processing and analysis tasks related to system monitoring applications

SKILLS

Project & Coordination

- Coordination of technical tasks across project phases

- Time Management & Prioritization

Communication & Coordination

- Technical communication with clients and internal teams

- Clear written and verbal reporting

- Coordination with different stakeholders across project activities

Marketing & Digital

- Built and managed WordPress websites for clients

- Set up SEO basics (on-page SEO, keywords, meta tags)

- Managed content or social media pages

- Used tools like Google Analytics, Search Console, Meta Ads, etc.

- Improved traffic, visibility, or conversions

Critical Thinking & Problem Solving

- Critical analysis and solution-oriented thinking

- Follow-through on assigned tasks

EDUCATION

MSc - Applied Science and Technology- Automation (Tunisia)

2017 - 2019

- **Specialization:** Integration of electronic systems dedicated to renewable energies

BSc - electrical engineering (Tunisia)

2014 - 2017

- **Specialization:** Automation and Industrial Computing

INTERNSHIPS & CERTIFICATES

Certificate Installation and maintenance of photovoltaic stations connected to the network - Khademet Training (Tunisia)

2022

End-of-Study Project Intern - IMAGE Technology (Tunisia) 02/2019 - 07/2019

- Developed a computer vision-based facial recognition system for identifying unregistered visitors and analyzing visit frequency
- Applied image processing and machine learning techniques for industrial monitoring use cases

End-of-Study Project Intern - DomElec (Tunisia)

01/2017 - 05/2017

- Designed and implemented a home automation system, including energy management and control functions
- Configured automation scenarios using CAME 3.0

Technical Maintenance Intern - Kronberg & Schubert (Tunisia)

01/2016 - 05/2016

- Supported industrial test benches for cable assemblies including sealing, continuity, and tightening tests