FATMA KCHAOU

Automotive, Aeronautical & Industrial Information Engineering

in **Fatma Kchaou** | 📍 **Tunis** | **+216 23 720 843** | **fatma.kchaou29@gmail.com**

Recently completed a Master's degree in Automotive and Aeronautical Engineering (M2) and also hold a Master's in Industrial Information Engineering . Passionate and highly motivated, I am seeking a full-time position to apply and further develop my skills in a dynamic and innovative environment.

EDUCATION

Professional Master's in Automotive and Aeronautical Engineering   **2025**
National School of Electronics and Telecommunications Enet'COM Sfax

Professional Master's in Industrial Computer Science   **2024**
National School of Electronics and Telecommunications Enet'COM Sfax

Bachelor's Degree in Electronics, Electrotechnics, and Automation   **2023**
Higher Institute of Industrial Management ISGI Sfax

Technical Baccalaureate   **2019**
Mongi Slim High School , Sfax

WORK EXPERIENCE

Final Year Internship – DevOps - PRIMATEC ENGINEERING   **Feb 2025 - Jun 2025**
- **Keywords :** DevOps | Pipeline CI-CD | Nuitka | GitLab-CI | Docker | AxProtector | Nexus | Artifactory | Slack

Implementation of an automated CI/CD pipeline to secure Python package management, including compilation, code protection, artifact generation, and Nexus deployment, supported by a tracking and notification system.

Final Year Internship – IoT - ROBOCARE   **Feb 2024 - Jun 2024**
- **Keywords :** ESP32 Module | PCB Design | IoT Connectivity | HTML5 | Current Sensor | C++ | Arduino | Web Interface | Flask | MQTT | HTTP

Study and design of a smart irrigation prototype with ESP32-based PCB, IoT connectivity, failure-detection web interface, and real-time notification dashboard.

Summer Internship – Development - STEG   **Jun 2023 - July 2023**
- **Keywords :** HTML5 | CSS | JavaScript | XAMP | SQL | Laravel

Apply computer science knowledge in website design.
Gain experience in organizational tasks and professional responsibilities.

Final Year Internship - Embedded - SOLIDER   **Feb 2022 - Jun 2022**
- **Keywords :** Arduino | PVsystem | Embedded

Deepen my knowledge in renewable energy and gain practical experience in designing a solar battery charger.

TECHNICAL SKILLS

- **Skills:** ISTQB, QA, Test Automation | Python, Flask, C++ | Azure, DevOps, Docker, CI/CD, Git, Jenkins, Kubernetes | AUTOSAR, ADAS | CAN, FlexRay, LIN, OBD | Jira, Scrum, Agile, UML, Lean Six Sigma
- **Certifications:** Azure AI Fundamentals, Azure Data Fundamentals, Azure Fundamentals & Security, Introduction to IoT, Microsoft Office Specialist, Leadership

LANGUAGES

Arabic   French   English

INTERESTS

Fitness   Watching Football (Premier League, Champions League)   Swimming