ABDELLATIF EL-MAHDAOUI

3rd-year Engineering Student, Cloud Computing specialization

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Third-year engineering student (Master's level / 5-year degree) at CY Tech, specializing in Cloud Computing Engineering. Passionate about software development, distributed systems, and cloud solutions, with a strong sense of curiosity, rigor, and autonomy. Built solid skills in DevOps and Cloud environments, with a strong interest in technological innovation and high value-added projects.

SKILLS

Development: Java • JavaScript • Java EE • Python • C • C++ • C# • Visual Basic • R • SQL • Scala • React • Angular • HTML • CSS • PHP • Node.js • Electron • Tailwind CSS • Oracle

Tools: Git • RStudio • Docker • Windows • macOS • Linux • AWS • Firebase • Google Cloud • Azure • Salesforce

EDUCATION

CY Tech Engineering School, Pau   2023 – 2026
Engineering Program – Cloud Computing Engineering

Faculty of Sciences, Fez, Morocco   2019 – 2020
Professional Bachelor's Degree – Information Systems & Software Engineering

Higher School of Technology, Guelmim, Morocco   2017 – 2019
University Diploma of Technology – Computer Engineering

PROFESSIONAL EXPERIENCE

Web Developer Intern – *INFOSAT*, Agadir, Morocco   Apr – Aug 2025
- Developed web and desktop applications (Java, Java EE, Angular, PHP).
- Deployed and administered virtualized servers on Proxmox, including network and services configuration.

Junior Team Manager (Hackathon) – ATILLA Hackathon, CY Tech, France   Oct 24, 2024
- Led a 6-person team during a hackathon; coordinated project execution for development of a Python FPS game.

Freelance – UpWork / Fiverr   2021 – 2022
- Built automation scripts and custom tools (Python, Selenium, Pandas, C#, PHP, PyAutoGUI) for international clients.

Junior Developer Intern – Faculty of Sciences, Fez, Morocco   Apr – Jun 2020
- Developed a web platform for courses/exams (React, HTML, CSS, JavaScript, PHP, MySQL).

ACADEMIC PROJECTS

Real-Time Financial Portfolio Management Project
Built a Scala (Akka HTTP) platform with MongoDB, a secured REST API, JWT authentication, and a modern frontend using React.js and TailwindCSS.

GDPR Platform – Data Anonymization
Developed a full web application to anonymize CSV files using multiple methods (masking, pseudonymization, generalization, perturbation, aggregation). Backend in Flask, frontend in React.js/TailwindCSS, REST API integration, and a GDPR benchmarking system (accuracy, memory, time), results visualization, modular architecture, and large-scale datasets (10k to 1M rows) using Python, Pandas, NumPy, and Faker.

Java EE Platform – University ENT
User-management web app (Java, Spring Boot, Hibernate, MySQL, Tomcat).

ADDITIONAL INFORMATION

- **Languages:** English, Arabic, French.
- **Awards/Scholarships:** MoRCE-Net and U.S. Embassy scholarship (2015 – 2017).