Aymen Jallouli

Full Stack & DevOps Engineer

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PROFILE

Passionate Full Stack & DevOps developer with experience in distributed environments, looking for a **summer internship / apprenticeship** to enrich my professional journey.

EDUCATION

Engineering Degree in Computer Science   09/2021 - 07/2026 (expected)
ESPRIT: Private Higher School of Engineering and Technology, Ariana, Tunisia
Specialization in Web Technologies, Internet & DevOps

PROFESSIONAL EXPERIENCE

Technical Internship - Test Automation   07/2023 - 09/2023
ESPRIT Innovation Lab, Tunisia
Developed a tool to automate the migration of 150+ tests to Jest, reducing time by 70%, increasing coverage to 92%, and identifying 27 critical bugs
- **Tech stack:** Node.js, Jest, GitHub Actions

KEY PROJECTS

Parkini: Smart Parking Management Platform | Team Lead   01/2025 - 05/2025
MERN application with CI/CD pipeline (Jenkins, Docker, GitHub Actions)
- **Tech stack:** MongoDB, Express, React, Node.js, Python, MapBox | Demo

Restaurant Management System (Microservices)   01/2025 - 05/2025
Architecture with 6 microservices, API gateway and OAuth2
Kafka for asynchronous messaging, monitoring with Prometheus/Grafana
- **Tech stack:** Spring Boot, Express, Kafka, Angular, Docker | GitHub

Ski Resort Management - DevOps CI/CD Pipeline   01/2025 - 04/2025
Full CI/CD pipeline with tests and JaCoCo coverage
SonarQube analysis | Monitoring with Prometheus/Grafana
- **Tech stack:** Spring Boot, Docker, DockerHub, Jenkins, Nexus, SonarQube | GitHub

AI-Dashboard   05/2025 - 05/2025
A smart dashboard powered by AI models developed in Python
- **Tech stack:** Python, ApiFlask, React, Machine Learning | GitHub | Demo

TECHNICAL SKILLS

- **Frontend:** React, Angular, TailwindCSS, Bootstrap, Material UI
- **Backend:** Node.js, Express, Spring Boot, Python
- **Databases:** MongoDB, PostgreSQL, MySQL
- **DevOps:** Docker, Jenkins, GitHub Actions, CI/CD, Prometheus, Grafana
- **Methods & Tools:** Agile/Scrum, Git, Vercel, Render, Postman, VS Code, Figma

CERTIFICATIONS & LANGUAGES

- **Certification:** Apollo GraphQL: Graph Developer - Professional (2025)
- **Languages:** French (B2), English (B2), Arabic (C2)