

# Aymen Jallouli

## Full Stack & DevOps Engineer

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### PROFILE

Passionate Full Stack & DevOps developer with experience in distributed environments, seeking a **summer internship (2+ months)** to enhance my professional journey.

### EDUCATION

**Engineering Degree in Computer Science** 09/2021 - 07/2026 (expected)

**ESPRIT: Private Higher School of Engineering and Technologies, Ariana, Tunisia**

Specialization in Web and Internet Technologies & DevOps

Advanced courses: Microservices, CI/CD, Machine Learning, Web Security

Major project: Intelligent Parking Management Platform

### PROFESSIONAL EXPERIENCE

**Technical Internship - Test Automation**

07/2023 - 09/2023

**ESPRIT Innovation Lab, Tunisia**

Development of a tool automating the migration of 150+ tests to Jest, reducing time by 70%, increasing coverage to 92% and identifying 27 critical bugs

- **Tech:** Node.js, Jest, GitHub Actions

### SIGNIFICANT PROJECTS

**Parkini: Intelligent Parking Management Platform | Team Leader**

01/2025 - 06/2025

MERN with Python license plate recognition model, online payment (Stripe, Flouci)

CI/CD pipeline (Jenkins, Docker, GitHub Actions)

- **Tech:** MongoDB, Express, React, Node.js, Python, MapBox | [Demo](#)

**Restaurant Management System (Microservices)**

01/2025 - 06/2025

Architecture with 6 microservices with API Gateway/OAuth2

Kafka for asynchronous messaging, Prometheus/Grafana monitoring

- **Tech:** Spring Boot, Express, Kafka, Angular, Docker | [GitHub](#)

**Ski Resort Management - DevOps CI/CD Pipeline**

01/2025 - 06/2025

Implementation of a complete pipeline with tests, JaCoCo coverage

SonarQube analysis | Prometheus/Grafana monitoring

- **Tech:** Spring Boot, Docker, DockerHub, Jenkins, Nexus, SonarQube | [GitHub](#)

### TECHNICAL SKILLS

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

### CERTIFICATION & LANGUAGES

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