

Firas Abdallah

Full-Stack Developer DevOps Engineer

📍 El Ghazela, Ariana, Tunisia ✉ abdallah.firas@outlook.fr ☎ +216 93 637 575 in firas-abdallah 🌐 abFiras 🌐 Portfolio

Professional Profile

Freshly graduated software engineering student with hands-on experience in full-stack development and DevOps through internships and academic projects. Skilled in Spring Boot, Angular, Python, microservices architecture, CI/CD, Docker, Kubernetes, and Infrastructure as Code. Motivated by automation, learning, and building efficient development pipelines.

Education

Engineering Degree in Computer Science – ESPRIT Specialization: Software Engineering	2022 – 2025
Bachelor's in Electronics, Electrical Engineering, and Automation – Faculty of Sciences of Tunis El Manar	2022
Baccalaureate in Technical Sciences – Lycée Pilote Gafsa	2016

Professional Experience

End-of-Studies Intern – DPC Digital Power Consulting Development of HiveMind Academy – e-learning microservices platform <ul style="list-style-type: none">Complete DevOps pipeline: Jenkins, GitLab CI/CD, ArgoCD, KubernetesMicroservices architecture using Spring Boot, Angular, Python FlaskIntegration of Keycloak, Google Calendar APIs, Gemini AI	Dec 2024 – Jun 2025
Full-Stack Developer – QuantStats Analytics Multimedia module and user management development <ul style="list-style-type: none">Tech stack: Spring Boot, Angular, MySQLMultimedia upload features and analytics dashboard	Jul – Aug 2024
IoT Developer – FST El Manar Autonomous Wi-Fi weather station with IoT sensors	Feb – Aug 2022

Technical Projects

HiveMind Academy – Microservices-based e-learning platform Spring Boot, Angular, Python, Docker, Kubernetes, Jenkins, ArgoCD	2024–2025
EldSync – Elder care application Spring Boot, Angular, Spring Security, MySQL	2024
EcoCycle – Recycling management Security – pfSense, Kali, Metasploit	2023–2024

Technical Skills

DevOps/Infrastructure: Docker, Kubernetes, Jenkins, GitLab CI/CD, ArgoCD, Ansible, Terraform, AWS
Backend: Java, Spring Boot, Python, Flask, .NET, REST APIs, Microservices, Keycloak
Frontend: Angular, JavaScript, TypeScript, HTML5, CSS3
Databases: MySQL, PostgreSQL
Tools/Methods: Git, Linux, Agile, Scrum, Jira

Languages

Arabic (native) | **French** (fluent) | **English** (professional)