

# Firas Abdallah

Full-Stack Developer DevOps Engineer

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## 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

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

## Professional Experience

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

## Technical Projects

<b>HiveMind Academy</b> – Microservices-based e-learning platform	2024–2025
Spring Boot, Angular, Python, Docker, Kubernetes, Jenkins, ArgoCD	
<b>EldSync</b> – Elder care application	2024
Spring Boot, Angular, Spring Security, MySQL	
<b>EcoCycle</b> – Recycling management   <b>Security</b> – 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)