



MARIEM ABOUDA

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Motivated, curious, and versatile student passionate about web development, innovative technologies and DevOps. Seeking a 6-month final-year internship to apply my skills and take on new challenges.

EDUCATION

3rd-Year Computer Engineering

Private School of Engineering and Technology (ESPRIT)

Sep. 2023 – Expected Graduation 2026

Ariana, Tunisia

Bachelor's Degree in Computer Systems Engineering

The Higher Institute of Information Technologies and Communication (ISTIC)

Sep. 2020 – May 2023

Borj Cedria, Tunisia

WORK EXPERIENCE

Summer Intern

AsteelFlash

July. 2025 – Sep. 2025

In-Office - Sokra, Tunis

- Developed and deployed a secure API management platform, improving security and centralized access control.
- Built backend services (.NET) with authentication and access control.
- Implemented a centralized portal for API monitoring and performance tracking.
- Deployed an AI model for API usage prediction on IIS, enabling proactive user demand anticipation.
- **Tech stack:** Visual Studio 2022, SQL Server, Postman, IIS, REST APIs, C#, .NET

Summer Intern

Wevioo

July. 2024 – August. 2024

Hybrid - Technopark El Ghazela, Ariana, Tunis

- Implemented microservices architecture with Config Server, Eureka, and API Gateway, optimizing application scalability. REST APIs with inter-service communication via Feign Client.
- Integrated Load Balancing, Circuit Breaker, and Distributed Tracing solutions.
- Deployed and managed services using Docker; implemented distributed monitoring with Zipkin.
- **Tech stack:** Spring Boot, Postman, PostgreSQL, Docker, Zipkin

End of studies internship

Sagemcom

Feb. 2023 – May. 2023

In-Office - Borj Ghorbel, Tunis

- Developed KPI dashboard with authentication and performance tracking.
- Created interactive visualizations and managed historical data for analysis and reporting.
- Designed and administered batch processes for task automation.
- **Tech stack:** Spring Boot, Angular, Postman, Tomcat, REST APIs, Batch

Summer Intern

National Computing Center(CNI)

August 2022

Remote - Tunis

- Participated in development of RESTful APIs with Spring Boot.
- **Tech stack:** Spring Boot, MySQL, Postman, REST APIs

SKILLS

Languages: English (Conversational), Arabic (Native), French (Advanced)

Containerization: Docker, Kubernetes

CI/CD & DevOps: Git, GitLab CI/CD, Jenkins, Maven, SonarQube

Monitoring & Observability: Prometheus, Grafana

Programming: Python, Java, C, .NET, JavaScript, TypeScript, Bash

Databases: SQL Server, PostgreSQL, MySQL

Frameworks & Tools: Spring Boot, Angular

Networking: TCP/IP, DNS, VPN, OSI Model

Certifications: CCNA1, AWS Cloud Operations(Training Badge), Big Data Engineering, Hashgraph Developer