

Soufiene Meddeb

Software Engineer – Full Stack & DevOps

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ABOUT ME

Computer Science graduate with a specialization in **Web Development and DevOps**, experienced in **building and deploying scalable web applications using microservices architecture**. Actively seeking a **full-time role** to contribute technical expertise and grow within a **dynamic engineering team**.

WORK EXPERIENCE

03/02/2025 –

03/08/2025

ariana, Tunisia

Capgemini, tunisia

Development of a Knowledge Capitalization Platform (End-of-Studies Internship)

- Designed and developed a **knowledge capitalization platform** aimed at centralizing, structuring, and sharing internal expertise, best practices, and project feedback.
- Implemented a **microservices architecture** to ensure scalability, modularity, and maintainability.
- Developed backend services using **Spring Boot** and a modern, responsive frontend with **Angular**.
- Enabled **asynchronous inter-service communication** using **Apache Kafka**, improving system decoupling and performance.
- Containerized all services with **Docker** and implemented **CI/CD pipelines using GitLab**, automating build, test, and deployment processes.
- Integrated **Keycloak** for centralized authentication and role-based access control across microservices.

Results & Added Value for the Company:

- Improved **knowledge sharing efficiency** by centralizing dispersed information into a single platform.
- Reduced **onboarding time for new team members** by providing structured and searchable knowledge resources.
- Enhanced **system scalability and reliability**, allowing future services to be added with minimal impact.
- Increased **development productivity** and deployment speed through automated CI/CD pipelines.
- Strengthened **security and access management** by centralizing authentication and authorization.

15/06/2024 –

14/08/2024

France

InnovQube, france

Software developer - intern

- **Contributed to the development of modern web applications at Innovqube**
- Translated **Figma designs into responsive code** and implemented **core business logic** to deliver fully functional features.
- Participated in the **design and implementation of application features** following best development practices within an **Agile team**.
- Assisted in **debugging, testing, and optimizing application performance**, ensuring high-quality and reliable web applications.

Results & Added Value for the Company:

- Delivered **robust, maintainable features** aligned with Figma designs, enhancing **user experience and interface consistency**.
- Improved **application performance and stability**, reducing bugs and downtime.
- Streamlined **feature development and business logic implementation**, accelerating **project delivery** and supporting team productivity.

Projects

02/2024 – 05/2024

Esprit Talent

University Project

- Developed the “Esprit Talent” web application to manage professional opportunities and connect companies directly with faculty talents.
- Implemented CI/CD pipelines using Jenkins and containerized services with Docker to automate deployment and ensure scalability.
- Developed the application using ReactJS, ExpressJS, NodeJS, and MongoDB, with code quality and artifact management via SonarQube and Nexus.

Results & Added Value for the Company:

- Enabled companies to post opportunities directly on the platform, eliminating the need to go through faculty coordinators or email processes.
- Improved visibility of professional opportunities for students and streamlined communication between companies and talent.
- Enhanced development efficiency, deployment speed, and system reliability through automated CI/CD pipelines and containerization.

09/2023 – 02/2024

DevOps Pipeline for Spring Boot & Angular Project

- Developed a CI/CD pipeline using Jenkins for a full-stack application (Spring Boot backend & Angular frontend), automating the entire build, test, and deployment process.
- Automated code retrieval from Git and installation of project dependencies, reducing manual setup time by over 50%.
- Implemented unit testing with Mockito and integrated SonarQube for continuous code quality checks, improving code reliability.
- Managed artifacts with Nexus and monitored system performance with Grafana and Prometheus, enabling real-time observability and faster issue detection.
- Overall, the pipeline enhanced deployment speed, reduced errors, and improved system stability, delivering tangible efficiency gains for the development team.

01/2023 – 05/2023

Airport Management System

- Developed a web application using ASP.NET Core with C# and Entity Framework Core, implementing a service-oriented architecture.
- Designed and implemented generic services for CRUD operations and specific services for advanced functionalities, ensuring modularity and reusability.
- Applied clean design patterns to improve code maintainability, scalability, and overall system performance.
- Leveraged ASP.NET Core Web features to deliver a robust, secure, and high-performing application.
- The project enhanced operational efficiency by providing structured management of airport processes and simplified data handling.

EDUCATION AND TRAINING

01/10/2025 – Present
marburg, Germany

Exchange Semester

University of Applied Sciences Marburg, Germany (Philips Program)

02/09/2020 –
24/09/2025
ariana, Tunisia

Master Degree in Computer Science

ESPRIT - Private Higher School of Engineering and Technology

SKILLS

- Agile team collaboration
- Node.Js
- Angular
- Microservices Infrastructure
- RESTful api
- Kafka
- Laravel
- Mongo
- Pipeline CI/CD
- React.Js
- PHP
- Backend Development: Symfony
- Git
- Prometheus
- Spring
- Java (computer programming)
- Python (computer programming)
- Devops: Docker, Jenkins
- Postman
- .Net
- Grafana
- Mysql

LANGUAGE SKILLS

Arabic

Native language

English

B2



French

B2



German

A2



Interests

- Travel & Cultural Discovery
- Football
- Reading