

# Soufiene Meddeb

Software Engineer – Full Stack & DevOps

✉ meddebsoufiene28@gmail.com    ☎ (+49) 1771577695    📍 Frankfurt, Allemagne  
🌐 [linkedin.com/in/soufiene-meddeb-607219213](https://www.linkedin.com/in/soufiene-meddeb-607219213)

## 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