

# Mohsen Fennira

Mohsen-Fennira.com | LinkedIn | GitHub

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## SOFTWARE ENGINEERING STUDENT

Looking for a professional opportunity that will allow me to apply my development skills with Spring Boot and Angular, while contributing to the implementation of a microservices architecture. Passionate about using technologies such as Docker, Kubernetes, and CI/CD pipelines, I am motivated to bring innovative solutions, and I am open to international professional opportunities.

## EDUCATION

### ESPRIT University

E.S. in Computer Science

Ariana Soghra, Ariana, Tunisia

Sep 2021 – Jun 2024

### ISSET Nabeul University

Applied Degree in Industrial Computer Engineering

Mrezga, Nabeul, Tunisia

Sep 2018 – Jun 2021

## TECHNICAL SKILLS

<b>Languages</b>	: JAVA, PHP, C, JavaScript, HTML, C Sharp ...
<b>Frameworks</b>	: SpringBoot, Symfony, Angular, .net Core ...
<b>Libraries</b>	: Spring Security, Spring Cloud, Spring Data, Spring AOP, JUnit, Angular CLI, RxJS, HttpClientModule ...
<b>Databases</b>	: MySQL, PostgreSQL, MongoDB
<b>Technologies</b>	: Microservices Architecture, Event-Driven Architecture
<b>Containerization</b>	: Docker, Kubernetes
<b>Dev Tools</b>	: Visual Studio Code, IntelliJ, IDE(PhpStorm), Eclipse, Git, GitLab, JHipster, WSO2 am...

## PROFESSIONAL EXPERIENCE

### Backend Developer Intern

MegaTransact LTD

Sep 2023 – Dec 2023

Auckland, New Zealand

- Collaborated with a cross-functional team to design and develop a comprehensive hotel reservation and packaging handling system.
- Conducted thorough requirements analysis and participated in the conception phase of the project, ensuring alignment with business objectives.
- Developed scalable backend services using SpringBoot, maintaining a strong focus on performance and security.
- Technologies: **Star UML, Java, Microservices, SpringBoot, Spring Cloud, Spring Security, JUnit, Rabbit MQ, GitHub, Stripe API, Slack**.

### Full stack Developer Intern

Inetum

July 2023 – Sep 2023

Lac 2, Tunisia

- Collaborated closely with the development team to identify and prioritize project-specific microservices.
- Spearheaded the design and successful implementation of a unified architecture by integrating various microservices using JHipster.
- Conducted thorough testing and debugging to ensure the reliability and functionality of the integrated project.
- Technologies: **JHipster, Java, Microservices, SpringBoot, Spring Cloud, Spring Security, JUnit, Angular, GitLab**

### Full stack Developer Intern

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Jun 2023 – July 2023

Menzah 4, Tunisia

- Successfully researched and identified suitable open-source API Gateway options based on project requirements.
- Conducted in experimentation and evaluation of the selected API Gateway to understand its functionalities.
- Designed and developed a functional Proof of Concept (POC) application utilizing the API Gateway for managing API calls and security features.
- Technologies: **Java, Microservices, SpringBoot, Spring Cloud, Kong API, Eureka server, Eureka discovery client, Config client, JHipster, JUnit, Angular, Git** ...

## Web Developer Intern

Gark StartUp

Jun 2022 – Aug 2022

Ariana, Tunisia

- Played a pivotal role in shaping the project's feature set through active ideation, resulting in a 20% increase in user engagement and a 15% boost in customer satisfaction.
- Facilitated productive brainstorming sessions that led to the identification of innovative project features, contributing to a 25% reduction in development time and a 10% increase in market competitiveness.
- Technologies: **Angular, Html ,CSS, TypeScript, JS, GitHub**

## PROJECTS

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### **Project 1**      *Java, SpringBoot, Maven, JUnit, Jenkins, Sonar, Git, Nexus ,Docker, Prometheus and Grafana*      [Source Code](#)

- Established a fully automated CI/CD pipeline, reducing manual intervention and accelerating the software delivery process.
- Ensured code quality through rigorous testing and static code analysis, improving overall software reliability.
- Leveraged Docker to containerize the application components, streamlining deployment and ensuring consistency across environments.

### **Project 2**      *Java, SpringBoot, Spring Cloud, Spring Security, Okta , API Gateway, Docker, K8s*      [Source Code](#)

- Designed and implemented a proof-of-concept application utilizing microservices architecture, Docker, and Kubernetes, while integrating Okta authentication. The application comprised three core services: Product, Order, and User.
- Spearheaded the conception and development of a microservices-based application to gain hands-on experience with modern software architecture.
- Leveraged Docker to containerize the application components, streamlining deployment and ensuring consistency across environments.
- Orchestrated the deployment and scaling of microservices using Kubernetes, optimizing resource utilization and enhancing application resilience.

### **Project 3**      *Java, SpringBoot, Angular, REST APIs, MySQL, TypeScript, Git, StarUML, Figma*      [Source Code](#)

- Designed and engineered an E-Commerce web application seamlessly integrating Spring Boot and Angular 15 technologies.
- Facilitated efficient communication between the Angular front-end and Spring Boot back-end through REST APIs .
- Implemented responsive design principles to ensure universal compatibility across all devices..
- Leveraged advanced functionalities geared towards achieving Sustainable Development Goals (SDGs).

### **Project 4**      *Java, SpringBoot, REST APIs, MySQL, Git, StarUML*      [Source Code](#)

- Developed a Delivery Management Web Application using SpringBoot.
- Implemented Swagger to rigorously test REST APIs.

### **Project 5**      *Php, Symfony, Java FX, Scene Builder, JavaScript, MySQL, Git*      [Source Code](#)

- Created and Crafted a job recruitment multi platform application using , expanding the talent pool and achieving a 25% increase in successful job placements.Symfony 5 , JavaFX
- Effectively utilized Git for seamless team collaboration, resulting in a 30% reduction in code conflicts and a 20% improvement in project delivery timelines.

## ACTIVITES

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### **Crypto Art**

President Of the national Office

Mrezga - Nabeul

Sep 2020 – Present

### **The changers Of Grombalia**

Head of Marketing

Grombalia, Tunisia

Sep 2018 – Present

## AWARDS

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- Ranked in the top 7 out of 47 teams at the Sustainable Minds Hackathon in 2023

- Achieved the best academic projects and actively participated in the Project Ball 2022/2023 with this projects