Mehdi Zgoulli

Java Software Engineer

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PROFIL

Java Software Engineer with nearly two years of hands-on experience in developing and maintaining Java-based applications. Strong focus on Java, Spring Boot, REST APIs, and SQL databases, with experience in product-oriented development, unit and integration testing, CI/CD-driven workflows, and continuous improvement of system stability, reliability, and maintainability.

PROFESSIONAL EXPERIENCE

Java Software Engineer (Backend) 07/2024 – heute
Future is Now, Tunis

- Developed and maintained core components of a Java-based product using Spring Boot, contributing to long-term platform stability and evolution.
- Designed and integrated RESTful APIs for internal services and external partners, supporting scalable product functionality.
- Implemented core business logic and data persistence using Spring Data JPA and relational databases (PostgreSQL).
- Optimized and maintained existing application components to improve performance, scalability,and reliability in a production environment.
- Designed and maintained unit and integration tests to ensure system stability,reliability, and long-term maintainability.
- Collaborated with product and QA teams to identify technical weaknesses, support performance improvements, and continuously optimize the system.

Java Fullstack Software Engineer 01/2024 – 06/2024
Itech Progress GmbH, Germany

- Developed and maintained a fullstack enterprise web application in a product-oriented environment.
- Implemented backend services using Java and Spring Boot and designed REST APIs to support business workflows.
- Developed frontend components using Angular to support user workflows, validation, and data presentation.
- Collaborated closely with stakeholders and project teams to analyze requirements and translate them into technical solutions.
- Contributed to code quality through unit and integration testing, structured refactoring, and CI/CD-driven continuous improvements.

PROJECTS & PRACTICAL EXPERIENCE

Online Course Management System 06/2025 – 07/2025
K&K Studio, Tunis

- Contributed to the development of a web-based application for course management and student registration.

Survey & Statistics Management System 07/2022 – 08/2022
Simple Concept, Tunis

- Developed a web application for survey management and statistical data analysis.

EDUCATION

Engineering Degree in Software Engineering (Computer Science) 2019 – 2024
ESPRIT – École Supérieure Privée d'Ingénierie et de Technologies, Tunisia
Degree officially recognized by ZAB (Germany)

Higher Secondary School Certificate – Technical Track 2018 – 2019
Farhat Hached High School, Radès, Tunisia

TECHNICAL SKILLS

Backend: Java, Spring Boot, Spring Data JPA, Hibernate, Spring Security, REST APIs

Databases: PostgreSQL, MySQL, MongoDB

Build & Tools: Git, Maven, CI/CD, Product-oriented development workflows

Testing: JUnit, unit testing, integration testing

Methodologies: Agile development (Scrum, Kanban)

LANGUAGES

Arabic: Native, **French**: Fluent, **English**: Business Fluent, **German**: B1 (professional communication, actively used on a daily basis)