

Amir Zaafouri - Full-Stack Developer

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Experience

Software Engineer intern
ODDO-BHF

Tunis, Tunisia
Jun 2024 – Sep 2024

- Automated extraction and processing of test case data sets from K6 in UAT using JS and PowerShell scripts.
- Implemented UAT performance monitoring for banking applications with Azure DevOps, K6, and Grafana.
- Developed a full-stack web application with .NET and Angular for automated performance test script

Full-Stack Developer intern
MachinesTalk

Ariana, Tunisia
Jun 2023 – Sep. 2023

- Built an IoT platform using Angular, Spring Boot, and PostgreSQL to simulate real-time data transfer.
- Developed a REST API using ASM library for dynamic Java .class file generation.
- Simulated over 15,000 data requests on the server from the web application.

Full-Stack Developer intern
Faculty of Sciences Monastir

Monastir, Tunisia
Mar 2021 – Jun 2021

- Developed an Android app for real-time IoT-based system monitoring in laboratories.
- Integrated ESP32 sensors and Firebase for data synchronization with 95% transmission reliability.

Projects

DevOps Project

[github](#) 

- Created an automated CI/CD pipeline for deploying a Spring Boot and Angular project using various DevOps tools.
- Tools Used: Jenkins, Docker, Docker Compose, SonarQube, Nexus, Prometheus, Grafana, MySQL.

E-commerce Web Application

[github](#) 

- Developed a full-stack e-commerce platform featuring secure payments, delivery tracking map, and an intuitive shopping interface, enhancing security and user experience.
- Tools Used: SCRUM, Angular, Spring Boot, Hibernate, WebSocket, Spring Security, JWT, MySQL, Git.

Technologies

Languages: Java, Python, C#, C/C++, SQL, JavaScript, TypeScript.

Frameworks: Spring Boot, .NET Core, Angular, Symfony

DevOps: AZURE, Docker / Docker Compose, Maven, Jenkins, SonarQube, Grafana, Prometheus, Nexus

Data Base: MongoDB, PostgreSQL, SQLite, MySQL, FireBase.

Project Management: Jira, Trello, Xray, Agile, Scrum, Git

Education

ESPRIT
Degree in Software Engineering

Sep 2021 – Oct. 2024

Faculty of Sciences Monastir
Bachelor in Electronics, Electrotechnics and Automation

Sep 2018 – Jun 2021

Languages

English: Advanced

French: Advanced

Arabic: Native