



Souhir EL Fazzaini

Software engineer

As a software development engineer, I am seeking a challenging opportunity to apply my skills in a professional environment. I have successfully led projects that improved system performance by 30% . demonstrating my commitment to leveraging technology to solve complex problems. My goal is to contribute to innovative projects and further enrich my professional experience through tangible achievements and impactful solutions.

EXPERIENCE

SMART QUALTY GATE

Software Engineer

12/2024 - present

Achievements

- Creation of an efficient backend with Flask, which handles data processing, API management, and key functions, which helped reduce overall response time by 25%.
- Implementation of advanced features for project management, sprint planning, release control, CI/CD pipeline management, as well as tracking contributions and hours worked, which led to a 30% increase in team productivity.
- Using Keycloak to ensure secure logins and centrally manage roles, completely protecting user access.
- Creating a modern interface with Vue.js, delivering a smooth and fast experience, with a 40% improvement in speed and ease of use.
- Integrating artificial intelligence modules with Ollama to detect hazards and anticipate problems, helping to reduce project delivery delays by 20%.

Flask, Vue js, Ollama, Gitlab,Keyclock

TUNEALGO

Computer Engineering Intern

01/2024 - 07/2024

Achievements

- Using a microservices approach, a contemporary and scalable technical architecture was developed, leading to a 30% increase in system performance.
- Developed user engagement by 20% by using Ionic to create an intuitive user interface.
- Implemented RESTful services for managing sales, events, messages, and user data using Spring Boot
- Utilized Firebase for push notifications and real-time storage of comments and messages, increasing engagement by 25%.
- Streamlined project tracking and version control with Jira and Bitbucket, saving 15 hours of weekly communication.
- Created API tests using the Karate framework, reducing bugs by 20%.

Spring Boot, Ionic, Elasticsearch, Jira,Bitbucket, slack, Firebase, Microservices

CSFAG

Software Engineering Intern

05/2023 - 06/2023

Achievements:

- Designed the user interface using Angular, leading to a 25% increase in user satisfaction.
- Developed automatic PDF certificate generation with JasperReports, streamlining the process for over 500 certificates per month.
- Implemented back-end services with Spring Boot for training management.

Laravel, Html, Css, Bootstrap, Ajax, Jquery, Mysql

PsExpress

Software Engineering Intern

06/2022 - 08/2022

Achievements:

- Used HTML, CSS, and Bootstrap to design an attractive and responsive user interface.
- Developed features for adding, updating, and deleting products

Php, Html, Css, Bootstrap, Mysql

Arru

Web Development Intern

02/2021 - 06/2021

Achievements:

- Integrated geolocation services for managing and visualizing projects, improving tracking accuracy and enabling real-time updates for 100+ projects.
- Built Laravel modules for project and user management, improving efficiency for many users and projects.

Spring Boot, Angular, JasperReport, Github,Trello, Slack, Mysql

PROJECTS

09/2025 - 09/2025

Developed a web application for AI-powered chat and user management with conversation history.

Ollama, Vue js, Flask

10/2024 - 10/2024

Creating a personal portfolio website

React js

09/2024 - 09/2024

Design and development of a web application for employee management

Asp.net, Sql server, React js

05/2023 - 06/2023

Creation of a Library management web application

.NET, Sql server

03/2023 - 04/2023

Developed of a web application for comprehensive travel management.

Spring Boot, Angular

CERTIFICATES

- Scrum fundamentals Certification

Contact

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Github

/souhir-fazzaini

Portfolio

https://souhir-fazzaini.github.io/Portfolio

Education

2021-2024

M.Sc. Software Engineering

Higher Institute of Computer Science and

Multimedia of Sfax

2018-2021

Bachelor's degree in Business Informatics

Higher School of Digital Economy in

Manouba, Tunisia.

2017-2018

High School Diploma

Attarine Street High School, Ariana

Expertise

• Backend: Spring Boot, Laravel, .Net, Java, Php,Flask

• Frontend: Angular, Ionic, React js, Bootstrap,

jQuery, Html, Css, Vue js

• Databases : SQL, NoSQL, Firebase, Postgres

• Tools : Git, Jira, Figma, Bitbucket, Ollama,

LANGUAGES

English Arabic

Frensh German

interests

Sport Travel and Culture