

ZEMAT Zakariae

Software Engineering student

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Profile

Second-year Software Engineering student at FST Settat, passionate about full-stack web development, DevOps culture, and AI-powered solutions. Eager to secure a software-development internship to apply and deepen these skills.

Experiences

PFA Internship | YHS Consulting (French Startup)

June 2024 - August 2024 (Remote)

Built a **job-offer data pipeline**: streamed vacancies with **Apache Kafka**, transformed them in **Talend Open Studio**, and presented results on a **Spring Boot + JavaScript** web app.

Projects

- Co-created **LifelinkAi** an **AI-powered** blood-donation platform with predictive analytics, chatbot, hospital portal (**Next.js** + **FastAPI**), and a companion **Flutter** mobile app.
- Hotel-management** web application: manages reservations, guests, and rooms through a secure interface built with SpringBoot, React, and MySQL.
- Web-based task-management app**: create, assign, and collaboratively track tasks with **Spring Boot** and **React**.
- Application de bureau pour la gestion de projets** : Outil réalisé en Java Swing et MySQL pour organiser et suivre l'avancement des projets en équipe.

Technical Skills

- Frontend Development**: HTML, CSS, Tailwind CSS, JavaScript, React, Next.js
- Backend Development**: Spring Boot
- Mobile Development**: Flutter
- Programming Languages**: Java, C, Dart, Python
- Databases**: MySQL, PostgreSQL, Oracle
- Modeling and design**: UML, Merise
- Project Management**: Scrum, Jira
- Tools & Technologies**: Git, GitHub, Docker, Kafka, Postman
- Data Engineering**: ETL (Extract, Transform, Load)

Education

- University diploma in science and technology** 2021-2023
Faculty of Sciences and Techniques of Errachidia
- Engineering Degree in Computer Science (Currently)** 2023-2026
Faculty of Sciences and Techniques of Settat

Certification

- Spring Boot 3**: Learn Spring 6, Spring Core, Spring REST, Spring MVC, Spring Security, JPA, Hibernate Udemy, November 2024
- The Complete **Flutter** Development Guide Udemy, February 2025
- Oracle Certified Associate **Java SE 8** Programmer Udemy, May 2025

Langues:

Arabic: Native.
English: Fluent.
French: Fluent.

Soft Skills:

Leadership
Problem Solving
Teamwork & Collaboration
Adaptability

Extracurricular Activities:

Active Member, ITClub, FST Errachidia (2022-2023)
Active Member, IMPACT Club, FST Settat (2023-2024)
VP & Project Manager, IMPACT Club, FST Settat (2024-2025)
Participant in Programming Contests and Hackathons