Ahmed Amine ABBACH *Software Engineering Student | Full-Stack Developer*

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PROFIL

Computer Engineering Student seeking a **final-year internship** to apply technical skills and contribute to innovative, high-impact projects. Motivated and passionate about technology, with a strong desire to learn and deliver real value to the team.

EDUCATION

Software engineer student - FST, Settat   2023 – Present
Currently in my last year of engineering studies

Bachelor's degree in mathematics and computer science - FST, Al Hoceima   2023

DEUST Diploma in Mathematics, Physics and Computer Science - FST, Al Hoceima   2020 – 2022

Baccalaureate in Physical Sciences - Lycée 2 Octobre 1955   2020

PROFESSIONAL EXPERIENCE

IT Intern – SofiMed   06/2025 – 08/2025
                                                                                      Casablanca, Morocco
- Designed and developed a secure web application for file transfer.
- <u>**Backend:** Spring Boot (Java 21)</u>, **JPA/Hibernate**, **MySQL**, secured with **JWT** authentication.
- Implemented an **email service** for transfer confirmations, automatic reminders, and alerts.
- Set up a **Scheduler** to:
  - Automatically delete expired files,
  - Send scheduled email reminders.
- Built real-time notifications with **WebSocket** for transfer tracking.
- <u>**Frontend:** Next.js</u> (React + TypeScript) with responsive design using **Tailwind CSS**.
- Managed user authentication, roles, and permissions with **Spring Security.**
- Automated deployment on **Dokploy** with containerization (**Docker**) and service orchestration.

IT Intern – Wedomatic   06/2024 – 08/2024
                                                                                      Casablanca, Morocco
- Update the WEEASYORDER application with a new, optimized version.
- Develop the user interface using **React** and **Typescript**.
- Optimize user experience and ensure compatibility with new features.
- Perform tests and corrections to guarantee front-end performance and stability.

Final year internship (PFE)-Wedomatic   04/2023 – 06/2023
Development of WEEASYORDER, a web application for managing table orders in restaurants and cafés.   Casablanca, Morocco

TECHNICAL SKILLS

Backend
Java, JEE (Servlet, JPA, CDI), Spring (Spring Boot, Spring MVC), Hibernate, PHP

Database
Oracle, MySQL, MongoDB, postgresql

design and modeling
UML, Merise, Design Patterns

Design
Figma, Adobe Illustrator

Frontend
HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Angular, Tailwind CSS, JavaFX, Flutter

Operating Systems
Windows, Linux

Project Management Methods
Agile, Scrum, Waterfall (Cascade), Extreme Programming (XP), Iterative Process (IP)

Programming languages
Java, C, Python, C#, Dart

DevOps & Deployment Tools
GitHub, GitLab, Docker

Project Management Tools
Jira, Trello, Microsoft Project

CERTIFICATIONS

Oracle Certified Professional, Java SE 8 Programmer II (1Z0-809)

Oracle Certified Associate, Java SE 8 Programmer I (1Z0-808)

Oracle Certified Foundations Associate, Java

ACADEMIC PROJECTS

Rhythmfy - Mobile Music Streaming App - Flutter. FastAPI . MongoDB
Developed a mobile platform to stream, organize, and recommend music.

E-commerce Applications - React . TypeScript . Spring Boot . MySQL
- Online platform for selling artistic paintings, designs, and photographs
- Clothing sales website
Built full-featured platforms with modern UI and complete product, order, and payment management.

Digital Library Management Web Application - Jakarta EE JSP . Hibernate . JPA . MySQL
Platform for managing books, loans, and users.

Scientific Publication Management Application - JavaFX
Desktop interface for managing scientific articles.

LANGUAGES

Arabic   **French**   **English**
Native   Fluent   Intermediate