

# Ahmed Amine ABBACH *Software Engineering Student | Java & 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

<b>Software engineer student - FST, Settat</b> Currently in my last year of engineering studies	2023 – Present
<b>Bachelor's degree in mathematics and computer science - FST, Al Hoceima</b>	2023
<b>DEUST Diploma in Mathematics, Physics and Computer Science - FST, Al Hoceima</b>	2020 – 2022
<b>Baccalaureate in Physical Sciences - Lycée 2 Octobre 1955</b>	2020

## PROFESSIONAL EXPERIENCE

<b>IT Intern – SofiMed</b> • Designed and developed a secure web application for file transfer. • <b>Backend: Spring Boot (Java 21), JPA/Hibernate, MySQL</b> , secured with <b>JWT</b> authentication. • Implemented an <b>email service</b> for transfer confirmations, automatic reminders, and alerts. • Set up a <b>Scheduler</b> to: <ul style="list-style-type: none"><li>Automatically delete expired files,</li><li>Send scheduled email reminders.</li></ul> • Built real-time notifications with <b>WebSocket</b> for transfer tracking. • <b>Frontend: Next.js</b> (React + TypeScript) with responsive design using <b>Tailwind CSS</b> . • Managed user authentication, roles, and permissions with <b>Spring Security</b> . • Automated deployment on <b>Dokploy</b> with containerization ( <b>Docker</b> ) and service orchestration.	06/2025 – 08/2025 Casablanca, Morocco
<b>IT Intern – Wedomatic</b> • Update the WEEASYORDER application with a new, optimized version. • Develop the user interface using <b>React</b> and <b>Typescript</b> . • Optimize user experience and ensure compatibility with new features. • Perform tests and corrections to guarantee front-end performance and stability.	06/2024 – 08/2024 Casablanca, Morocco
<b>Final year internship (PFE)-Wedomatic</b> Development of WEEASYORDER, a web application for managing table orders in restaurants and cafés.	04/2023 – 06/2023 Casablanca, Morocco

## TECHNICAL SKILLS

<b>Backend</b> Java, JEE (Servlet, JPA, CDI), Spring (Spring Boot, Spring MVC), Hibernate, PHP	<b>Frontend</b> HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Angular, Tailwind CSS, JavaFX, Flutter	<b>Programming languages</b> Java, C, Python, C#, Dart
<b>Database</b> Oracle, MySQL, MongoDB, postgresql	<b>Operating Systems</b> Windows, Linux	<b>DevOps &amp; Deployment Tools</b> GitHub, GitLab, Docker
<b>design and modeling</b> UML, Merise, Design Patterns	<b>Project Management Methods</b> Agile, Scrum, Waterfall (Cascade), Extreme Programming (XP), Iterative Process (IP)	<b>Project Management Tools</b> Jira, Trello, Microsoft Project
<b>Design</b> Figma, Adobe Illustrator		

## 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

<b>Arabic</b> Native	<b>French</b> Fluent	<b>English</b> Intermediate
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