



Abdelhamid LABIHI *Software Engineering Student*

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Final-year software engineering student with robust technical and problem-solving skills, experienced in web and mobile development using Java Spring, React, and React Native. Currently seeking a final-year internship in a dynamic and stimulating environment.

Education

State Engineer's Degree in Software and Distributed Information Systems, 2022 – present
ENSET Mohammed VI

Diploma of General University Studies in Physics (DEUG SMP), 2022
Ben M'Sik Faculty of Science, Casablanca

Skills

Programming languages: C, C++, Python, Java, JavaScript, Typescript

Technologies: HTML5, CSS3, Bootstrap, React, React Native, Expo, Spring ecosystem, Keycloak, Docker, Kafka

Database: SQL (MySQL, PostgreSQL, OracleDB), NoSQL (MongoDB), Spring Data

Design and project management: UML, Git, Github/Gitlab, Agile methodology, Jira

Principles and Practices: Design Patterns, Problem Solving, System Design, MVC, IoC, RESTful APIs, Microservices

Internships and Experience

- **Software Engineer Intern, Onedustry Technologies** 2024/07 – 2024/09
Contributed as part of a team to the development of a mobile money transfer application with a microservices architecture.

Tech Stack: TS, React Native, Expo, SpringBoot, KeyCloak, Microservices, Docker

- **Frontend Developer Intern, WEBEX-IT** 2023/08 – 2023/09
Developed the web interface for a subscription management application.

Tech Stack: HTML, CSS, JavaScript, Bootstrap, JQuery

- **C/C++ Programming Instructor, AJYALONA Center** 2023/02 – 2023/06
Taught C/C++ programming courses to a class of nearly 40 university students (S4 level). Experience focused on:

- **Developing pedagogical and interpersonal skills - Classroom management -**
- **Adapting teaching method - My students achieved one 18 and three 17 grades**

Projects

- **Vectra AI**, AI-powered Chrome extension, <https://github.com/Vectra-Project>
Project designed to simplify and personalize the job search process, offering the following functionalities:
Match Score, Resume Customization, Resume Enhancement with the help of AI.

Tools: Typescript, Spring Boot, FastAPI, React, Plasmo, Gpt4o API, JWT

- **E-Banking App**, <https://github.com/abdelhamid-labihi/E-banking-app>
A bank account management application that manages customers, accounts and passwords, and records transactions.

Tools: Spring Boot 3, Spring Data, Spring Security, Jwt, Angular

- **EnsetGPT**, Desktop Chat bot customized for ENSET, <https://github.com/Issaminu/EnsetGPT>
An AI-powered chatbot, specially designed to answer questions and provide instant information about our school (ENSET-M).

Tools: Java, Multithreading, JavaFX, Python, SQLITE, ChatGPT API, Fine-tuning

Certificates and Bootcamps

**Frontend-React
Diploma (6 months)**
almdrasa.com

**Red Hat System
Administration I**
Red Hat Academy

NDG Linux Unhatched
Cisco Networking
Academy

Database Foundations
Oracle Acedemy

Languages

Arabic
Native

English
Proficient

French
Proficient