



EL HAMRAOUI OUSSAMA

ENGINEERING STUDENT IN SOFTWARE ENGINEERING
SEEKING A PFA INTERNSHIP

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🌐 Oussama EL HAMRAOUI

📍 oussama-elhamraoui

📍 National mobility

PROFILE

A motivated Software Engineering student seeking a PFA internship. Proficient in Java, Spring, Spring Boot, React, and database management. Experienced in developing scalable web applications with RESTful APIs and Agile methodologies.

SKILLS

- **PROGRAMMING LANGUAGE :**
 - Java / JavaScript / Python / C / C++
- **BACKEND :**
 - JEE / Spring / SpringBoot
 - Node.js / Express
- **FRONTEND :**
 - React
 - Tailwind / Bootstrap
 - CSS / HTML
- **MOBILE DEVELOPMENT :**
 - Java / Android Studio
- **DATABASE :**
 - MySQL / PostgreSQL
- **OUTILS DEVOPS & ENVIRONNEMENTS**
 - Linux
 - Docker
 - Git / GitHub
- **AGILE METHODOLOGIES :**
 - Scrum

LANGUAGES

- **ENGLISH:** Professional Level
- **FRENCH:** Professional Level
- **ARABIC:** Native
- **TAMAZIGHT:** Native

WORTH NOTING

- Triad first-place champion of the May 2023 programming competition at Mohammed First University.
- Joined Hack&Pitch Hackathon Oujda March 2022 edition.
- Participated in the second edition of Miathon in Oujda June 2024.

EDUCATION

Engineering Cycle – Software Engineering, 4th 2023 – now
National School of Applied Sciences of Oujda (ENSAO)

Preparatory Cycle 2021 – 2023
National School of Applied Sciences of Oujda (ENSAO)

PERSONAL & ACADEMIC PROJECTS

Currently working on (PFA Project): Full-Stack Web Application for PFE Management

- Developing a web application for **PFE management** using **React**, **Spring Boot**, and **PostgreSQL**.
- Implementing user **authentication**, **role management**, and **CRUD operations** for students, supervisors, and administrators.
- **Integrating notifications**, **group management**, **document submission**, and **scheduling**.
- Enhancing **real-time communication** between students, supervisors, and juries via chat and email.

Java

Spring Boot

UML

PostgreSQL

Team Work

React

Jira

Git

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Full-Stack Web Application Travel Journal Management

- Created a **full-stack application** using **React**, **Tailwind CSS**, **Node.js**, **Express**, and **PostgreSQL**.
- Implemented **JWT authentication**, **cookies**, and **Multer** for secure user sessions and image uploads.
- Leveraged **Axios** and **React Hooks** for smooth **front-end/back-end** integration.

JavaScript

Node.js

Express.js

JWT

React

Tailwind CSS

Axios

Git

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Mobile Application Project Management

- Developed an **Android app** using **Java (Android Studio)** with a **Spring Boot** and **PostgreSQL** back-end.
- Secured user access via **JWT** and facilitated data exchange with **Retrofit**.
- Implemented a **RESTful API** for **project/task management** and **team collaboration**.

Java

Spring Boot

PostgreSQL

Android Studio

Retrofit

XML

Git

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EXTRACURRICULAR AND VOLUNTEERING

GI CLUB – Software Engineering Club (ENSAO)

Helped organize a Problem-Solving Competition

- Organized a problem-solving competition, strengthening skills in teamwork, critical thinking, and event coordination.

SOLIDARITY CLUB (ENSAO)

Graphic Design Team Leader

- Led graphic design efforts for social initiatives, demonstrating strong teamwork and the ability to work effectively under pressure.

ENACTUS CLUB (ENSAO)

Project Leader (EL MANTOUJ)

- Led the EL MANTOUJ project, enhancing leadership, financial management, and time management skills in a high-pressure team environment.