

# Hamza EL MASSOUDI

Frontend Developer | Casablanca, Morocco

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## Summary

Frontend Developer with expertise in building responsive and interactive user interfaces. Proficient in React, Next.js, and modern JavaScript frameworks. Created engaging web applications with seamless user experiences, integrating with backend APIs and optimizing performance.

## EDUCATION

**Engineering Degree, Software Engineering & Distributed Systems** — Ecole Normale Supérieure de l'Enseignement Technique, Mohammedia 2022–2025

**B.Sc. Mathematics & Computer Science** — Faculty of Science and Technology, Al Hoceima 2021–2022

**DEUST** (Scientific and Technical University Studies) — Faculty of Science and Technology, Al Hoceima 2019–2021

## EXPERIENCE

**Software Engineer Intern** — Oracle, OCI Search with OpenSearch Feb 2025–Aug 2025  
Casablanca, Morocco

- Optimized CI pipeline, reducing test-suite time.
- Engineered plugin-test suite for OpenSearch using Java and Bash.
- Improved the observability of the testing.

**Software Engineering Intern** — FeverToken Jun 2023–Aug 2023  
Remote

- Developed a mobile app as a crypto wallet.
- Implemented features for securing the wallet, including encryption and authentication.
- Added functionality for transferring money with blockchain integration.

## PROJECTS

**Student Engagement & Academic Management Platform (Freelance – Contract)** Sep 2024–Dec 2024  
Freelance

- Architected and delivered a scalable React Native app for 1,000+ concurrent students, enabling self-service, community engagement, and mentor matching.
- Integrated an AI-powered chatbot to automate and resolve student FAQs instantly.
- Engineered the platform using React Native, Node.js/Express, PostgreSQL, and OpenAI API.

**Survey Creation Platform** 2024  
Personal Project

- Conceived and engineered a full-stack web platform for creating, distributing, and analyzing surveys.
- Implemented RESTful APIs and core business logic with **Spring Boot**, reducing survey creation time by 30%.
- Crafted an intuitive, responsive frontend in **React** for seamless survey creation and real-time results visualization.
- Leveraged **PostgreSQL** for secure, scalable data management.
- Integrated user authentication and dynamic analytics to enhance user experience.

## SKILLS

**Frontend:** React, Next.js, React Native, Tailwind CSS

**Programming Languages:** JavaScript, TypeScript

**Backend:** Node.js, Express.js

**Databases:** MongoDB, Firestore

**DevOps:** Git, Docker

## LANGUAGES & INTERESTS

**Languages:** Arabic (Native), English (Fluent), French (Fluent)

**Interests:** Football, Reading, Competitive Programming