

ZAKARIA OUMGHAR

Software Engineering Student

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EDUCATION

National School of Computer Science and Systems Analysis (ENSIAS), Rabat

2023-Present

Software Engineering

Full-time

Preparatory Classes for Engineering Schools (CPGE), Settat

2021-2023

Preparatory Classes for Engineering Schools

Top 20%

PROFESSIONAL EXPERIENCE

Somap&Service, Kenitra

July - August 2024

Software Engineering Intern

Hybrid

- Developed a complete digital solution (GAP) for purchase tracking and personnel management
- Designed and implemented a full-stack web application using React.js, Tailwind CSS, Node.js, and MySQL
- Collaborated with stakeholders to identify needs and deliver a user-friendly interface

PROJECTS

FormSaver Pro

2025

Chrome Extension

- Created a browser extension that saves form data between page refreshes
- Implemented secure local storage with customizable persistence settings
- Over 20 active users with positive feedback
- Technologies: JavaScript, Chrome Extension API, Local Storage, HTML, CSS

Purchase and Personnel Management (GAP)

2024

Web Application

- Developed a full-stack web application for employee file management and purchase requests
- Implemented role-based access control with administration and management features
- Technologies: React.js, Tailwind CSS, Framer Motion, MySQL, Node.js, Express

Student Seeking Internship Platform

2024

APEX + Web Application

- Created a platform connecting students and recruiters for internship opportunities
- Implemented a matching algorithm to recommend relevant internships based on student profiles
- Technologies: React.js, Node.js, Oracle DB, OCI, Express, Oracle APEX

ENSIAS Chatbot

2023

AI Chatbot

- Developed an intelligent chatbot for ENSIAS information search and student assistance
- Implemented natural language processing for accurate query interpretation
- Technologies: Python, Flask, NeuralIntents, HTML, CSS, JavaScript

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, C++, Python, C, PHP, SQL/PL-SQL

Web Development: React.js, Next.js, Node.js, Express, Tailwind CSS, Bootstrap, Framer Motion, Flask

Databases: MySQL, PostgreSQL, Oracle DB, Firebase, MongoDB

DevOps & Tools: Git, GitHub, Docker, VS Code, Apache, Tomcat, Oracle Cloud Infrastructure

UI/UX Design & Modeling: Adobe XD, Figma, UML, MERISE

CERTIFICATIONS

Artificial Intelligence Analyst Certificate - IBM

Oracle Java SE 21 Certification - In progress

Problem Solving (Basic) Certification - HackerRank

Responsive Web Design Certification - freeCodeCamp

JavaScript (Intermediate) Certification - HackerRank

SQL (Intermediate) Certification - HackerRank

LANGUAGES

English - Professional level

French - Professional level

Arabic - Native language

INTERESTS

Calisthenics - Strength training and bodyweight exercises

Chess - Strategic thinking and mental challenge

Digital Media - Reading manhwa and video games