

OUSSAMA ALOUCHE

Full Stack Web Developer | AI integration Developer | UI/UX Designer

Salé, Rabat-Salé-Kénitra, Morocco

Phone: +212 6 93 81 04 38 | **Email:** oussama.alouche@outlook.com

LinkedIn: [linkedin.com/in/oussama-alouche](https://www.linkedin.com/in/oussama-alouche) | **GitHub:** github.com/IAMTHEWONDERER

Portfolio: wondererme.vercel.app

1 Technical Skills

Frontend & React: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Redux
React Ecosystem: React Router, State Management, Component Architecture, Performance Optimization

UI/UX Design: Figma, Adobe XD, Responsive Design, Wireframing, Prototyping, Accessibility

Backend: Node.js, Express.js, Python, FastAPI, Java, Spring Boot, REST APIs, GraphQL

Databases: MongoDB, PostgreSQL, MySQL, Cassandra

AI & Machine Learning: OpenAI API, Claude API, AI Algorithm Integration, Chatbot Development

Development Tools: Git, Docker, Vercel, Testing Frameworks, Webpack, Vite

2 Expérience Professionnelle

Développeur Full Stack

Mars 2025 - Présent

TECHNIQ8, Rabat, Maroc

- Conception et développement d'applications web modernes utilisant React.js, Node.js et MongoDB
- Création d'interfaces utilisateur dynamiques et d'APIs RESTful robustes avec intégration de services tiers
- Leadership technique et management d'équipe incluant le mentorat de développeurs et les revues de code

Ingénieur Solutions IA, Développeur Web et Concepteur UI/UX

Mai 2024 - Février

2025

AZ HUB, Rabat, Maroc

- Développement d'applications intelligentes utilisant la stack MERN et l'intégration d'APIs IA (OpenAI, Claude)
- Création de chatbots conversationnels et de systèmes de recommandations personnalisées
- Conception UI/UX complète avec Figma incluant recherche utilisateur et maquettage

Stagiaire Développeur Web

Janvier 2024 - Juin 2024

ARK-X Talent Factory, Rabat, Maroc

- Développement d'applications full-stack avec Node.js et React.js
- Création d'APIs RESTful sécurisées avec authentification JWT et composants React réutilisables
- Implémentation de la gestion d'état avec Redux et optimisation de base de données MongoDB

3 Key Projects

ASANADA LMS Platform & Website

March 2025 - Present

Technologies: React.js, Node.js, MySQL

- Development of complete learning management system with course management and interactive quizzes
- Implementation of automated grading system and discussion forums with moderation
- Creation of real-time WebSocket notifications and scalable Docker infrastructure

FOSTP Platform

February 2025 - Present

Technologies: React.js, Next.js, Flutter, MySQL, Node.js, Express.js, Tailwind CSS, Firebase

- Construction of cross-platform ecosystem with React SSR website (Next.js) and native Flutter application
- Implementation of real-time Firebase synchronization for iOS and Android platforms
- Creation of member management system with multi-step registration and personalized profiles

WorkWhile Application

May 2025 - July 2025

Technologies: React, TypeScript, Spring Boot, Node.js, MongoDB

- Development of work management platform with microservices architecture
- React frontend implementation with TypeScript for enhanced development experience
- Performance optimization with Redis caching and MongoDB indexing

Electric Charging Station App RechargerMonAuto (RMA-connect)

July 2024 - January 2025

Technologies: React, Flutter, Angular, Node.js, Docker, Kubernetes

- Construction of complete IoT solution with React web app, Flutter mobile app and Angular dashboard
- Development of Node.js APIs for connected charging station management with IoT protocols
- Containerized microservices architecture with Docker and Kubernetes orchestration

Appart9 Platform

November 2024 - February 2025

Technologies: React.js, TypeScript, Node.js, Express.js, MongoDB

- Development of comprehensive real estate platform with advanced search and geographical filters
- Creation of scalable backend with RESTful APIs for property and user management
- Implementation of intelligent matching system between property owners and tenants

CallerAI

January 2025

Technologies: FastAPI, Python, React.js

- Development of high-performance backend API for conversational artificial intelligence system
- React frontend interface for AI interaction and real-time conversation management

WhatsApp Order Chatbot

February 2025

Technologies: Flask, Python, React.js, WhatsApp API

- Development of intelligent chatbot for order management via WhatsApp with Flask backend
- React admin panel for order management and chatbot configuration

4 Education

Master's in Digitalization and Information Systems Architecture *October 2024 - June 2026*
ENSA Kenitra, Morocco

Full Stack Development Certification

January - June 2024

Ark-X Talent Factory, Morocco

Bachelor's in Physical Sciences

September 2018 - July 2023

Faculty of Sciences Rabat, Morocco

5 Languages & Additional Skills

Languages: English (C1), French (B2), Arabic (Native)

Frontend Specialization: Component Architecture, Performance Optimization, Responsive Design, Accessibility

Methodologies: Agile/Scrum, Test-Driven Development, Code Reviews, Mentoring

Development Tools: Git, Docker, Testing Frameworks, Browser DevTools