OUSSAMA ALOUCHE

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

Salé, Rabat-Salé-Kénitra, Morocco

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Portfolio: wondererme.vercel.app

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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

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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

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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