

OUSSAMA ALOUCHE

Full Stack Developer | AI Solutions Engineer | UI/UX Designer

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Portfolio : wondererme.vercel.app

TECHNICAL SKILLS

Frontend Technologies: React.js, Vue.js, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Redux, Three.js
Backend Technologies: Node.js, Express.js, Python, FastAPI, Flask, Java, Spring Boot
Databases: MongoDB, PostgreSQL, MySQL, Cassandra, HBase
AI and Machine Learning: OpenAI API, Claude API, AI Algorithm Integration, Chatbot Development
DevOps and Tools: Docker, Linux, Git, CI/CD, Kubernetes
Mobile Development: Flutter, React Native
Design Tools: Figma, Canva, UI/UX Design, Responsive Design

PROFESSIONAL EXPERIENCE

Full Stack Developer **March 2025 - Present**
TECHNIQ8, Rabat, Morocco

- Design and develop modern web applications using React.js, Node.js, and MongoDB
- Create dynamic user interfaces, robust RESTful APIs, and integrate third-party services
- Provide technical leadership and team management including developer mentoring and code reviews
- Implement agile project planning and artificial intelligence solutions

AI Solutions Engineer, Web Developer and UI/UX Designer **May 2024 - February 2025**
AZ HUB, Rabat, Morocco

- Develop intelligent applications using MERN stack and AI API integration (OpenAI, Claude)
- Create conversational chatbots and personalized recommendation systems
- Design complete UI/UX solutions with Figma including user research and wireframing
- Create interactive prototypes, design systems, and conduct usability testing

Web Developer Intern **January 2024 - June 2024**
ARK-X Talent Factory, Rabat, Morocco

- Develop full-stack applications with Node.js and React.js
- Create secure RESTful APIs with JWT authentication and reusable React components
- Implement state management with Redux and optimize MongoDB databases
- Perform complex schema modeling, query optimization with aggregations, and indexing

KEY PROJECTS

LMS Platform and ASANADA Website **March 2025 – Present**
Technologies: React.js, Node.js, Laravel, MySQL

- Develop complete Learning Management System with course management and interactive quizzes
- Implement automated grading system and discussion forums with moderation
- Create real-time WebSocket notifications and scalable Docker infrastructure

FOSTP Website and Mobile Application **December 2024 – Present**
Technologies: React.js, Tailwind CSS, Flutter, Firebase

- Build cross-platform ecosystem with React SSR website (React.js) and native Flutter application
- Implement real-time Firebase synchronization for iOS and Android platforms
- Create member management system with multi-step registration and personalized profiles
- Develop administrative dashboard with Chart.js analytics and OAuth2 authentication

RMA-connect Electric Charging Station Application **May 2024 - February 2025**
Technologies: Flutter, MERN Stack, Angular, Docker, Kubernetes

- Build complete IoT solution with Flutter mobile app, React website, and Angular dashboard
- Develop Node.js APIs for connected charging station management
- Implement Google Maps geolocation with station clustering and route optimization
- Create microservices architecture with multiple payment integration (Stripe, PayPal)

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 Degree in Physical Sciences **September 2018 - July 2023**
Faculty of Sciences Rabat, Morocco

LANGUAGES AND ADDITIONAL SKILLS

Languages: English (C1), French (B2), Arabic (Native)
Professional Skills: Leadership, Problem Solving, Communication, Agile/Scrum Methodology, Project Management, Team Collaboration, Code Review, Mentoring