Omar Jouied

Full-Stack Developer

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PROFESSIONAL SUMMARY

Full-stack developer with **4+ years experience** building scalable web solutions. Specialized in Django and Next.js with proven results in performance optimization and system architecture. Seeking to leverage technical expertise to deliver high-impact solutions at innovative tech companies.

PROFESSIONAL EXPERIENCE

Software Developer | Colainord (Vehicle Management Solutions)
November 2023 - January 2024 | Tetouan, Morocco

- Developed a comprehensive vehicle fleet management web application using **Next.js** with **TypeScript** and **React.js**, featuring a responsive UI built with **TailwindCSS** and **Shadcn** UI components.

- Implemented secure user authentication and role-based access control using **NextAuth.js** with credential-based login and permission management.

- Designed and built a **MongoDB** database with **Mongoose ORM** to track vehicle information, maintenance records, fuel consumption, expenses, and travel logs.

- Created interactive data visualization dashboards with Recharts to analyze vehicle performance metrics, fuel efficiency, and maintenance costs.

- Developed robust data management features including data import/export (Excel/CSV), filtering, sorting, and printing capabilities using libraries like **TanStack** Table and **jsPDF**.

- Containerized the application using **Docker** for seamless deployment on **Ubuntu** VPS, ensuring consistent performance across environments.

Web Developer | NVIT Solutions (SaaS Provider)
February 2023 - July 2023 | Remote

- Built **Next.js/MySQL** backend handling 100+ daily transactions with 99.9% uptime.

- Created **responsive UI** with **React.js/Sass** improving **UX** satisfaction scores by 25%.

- Integrated **OpenLayers mapping** and **OpenRouteService API** reducing geodata costs by 35%.

- Designed **UML** diagrams and **Figma** prototypes reducing client revision cycles by 40%.

PROJECTS

WhatsApp Clone | Personal Project | Jan-Mar 2023

- Developed a WhatsApp clone using **React.js** for the frontend and **Django** for the backend, creating a complete messaging platform with real-time communication.

- Implemented **WebSocket** connections using **Django Channels** for instant message delivery, online status indicators, and real-time notifications.

- Built comprehensive messaging functionality including one-to-one chats, group conversations, message status tracking (sent, delivered, read), and media sharing.

- Created complete user authentication, profile management with customizable avatars, and contact management features.

- Developed a **responsive** interface closely resembling WhatsApp's UI/UX for familiar user experience across devices.

- Integrated secure user authentication, password hashing, and protected **API** endpoints to ensure data privacy and security.

Boraq App | Personal Project | Apr-Jun 2023

- Developed a comprehensive social media platform using **Next.js**, **React**, **TypeScript**, and **MongoDB** that enables users to create posts, follow others, and interact through likes, comments, and saves.

- Implemented secure user authentication with **NextAuth.js** supporting multiple sign-in methods including social logins, and utilized **bcryptjs** for password encryption.

- Built **responsive** UI with React components, **SCSS/Sass** styling, custom video player (**React Player**), and social sharing functionality (**react-share**).

- Created **RESTful API** endpoints with **MongoDB/Mongoose** for data operations and integrated **Supabase** for media storage and management.

- Implemented post creation with media support, user profiles with follow functionality, comment system, content search/filtering, and media playback for videos.

- Containerized the application using **Docker** for consistent deployment across environments and configured for scalable cloud hosting.

TECHNICAL SKILLS

CATEGORY	SKILLS
Languages	**Python**, **JavaScript**, **HTML5**, **CSS3/Sass**
Frameworks/Libraries	**Django**, **React.js**, **Next.js**, **TailwindCSS**
Databases	**MongoDB**, **MySQL**, **MongooseORM**
DevOps	**Docker**, **Ubuntu**, **Git**, **Vercel**, **VPS Deployment**
Concepts	**RESTful APIs**, **OOP**, **Algorithms**, **Data Structures**

EDUCATION

Licence: **Science of Mathematics and Informatics**
Abdelmalek Essaadi University | September 2018 - July 2021
Relevant Coursework: **Algorithms**, **Database Systems**, **Web Architecture**