Ansar Karrouach

Frontend Developer

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Frontend Developer with expertise in React, Next.js, TypeScript, Node.js, and TailwindCSS. Currently pursuing a **Master's** in **Big Data and IoT**, with strong fundamentals in Java and experience in building scalable, responsive applications. Skilled in integrating frontend with robust backends using Prisma ORM, AWS S3, and PostgreSQL. Passionate about **transitioning into DevOps** or **full-stack development with Spring Boot on the backend**. Proficient in API integration, performance optimization, and agile workflows.

Work experience

UPWORK | Frontend Developer | Freelance   *Remote | Oct 2024 - Present*

- Designed and developed a full-stack **music platform** with a responsive, mobile-friendly interface using **Next.js 14, TypeScript, ShadCN,** and **TailwindCSS.**
- Implemented secure user authentication with email and OAuth for reliable access control.
- Utilized **PostgreSQL** with **Prisma ORM** for efficient database management on **Amazon RDS**.
- Prioritized performance optimization, code quality, and scalability throughout the project lifecycle.
- Integrated **AWS S3** for scalable storage of images and music tracks.
- Links : **Audiospace Website**

DEVTI TECHNOLOGIE | Frontend Developer | Internship   *Tanger, MA | Jun 2024 - Oct 2024*

- Collaborated with backend and mobile developers to build **SwapRx**, a radiology replacement platform, and **AgroApp**, a SaaS application for hygiene and food traceability.
- Developed **SwapRX** with features including interactive maps for location-based job searches and **DocuSeal** integration for **contract generation and electronic signatures**.
- Developed responsive and dynamic web applications using **TypeScript, React, Next.js,** and **TailwindCSS**.
- Integrated and tested **RESTful APIs** using **Postman**, ensuring seamless front-end and back-end communication.
- Optimized performance and accessibility across multiple devices and browsers.
- Links : **Swap Rx Website**

NJT GROUP | FullStack Developer | Internship   *Marrakech, MA | Apr 2023 - July 2023*

- Developed a full-stack social media application, **Connectify**, using *React* for the front-end and *Express.js* for the back-end.
- Created key application features such as user authentication, profile management, content sharing, and messaging functionality.
- Integrated *Socket.io* for real-time features like instant messaging and live updates across the platform.
- Tested and debugged API endpoints using *Postman* to ensure seamless front-end and back-end communication.
- Ensured secure data handling, including user authentication and encrypted communications, to protect personal information

Education

ENSAM Casablanca   Casablanca, MA

Master's Degree - Big Data and Internet of Things   Sep 2024 – Present

Faculty of Sciences Semlalia (FSSM)   Marrakech, MA

Professional License - Technologies and Web Programming   Sep 2022 - July 2023

Hard Skills

- **Programming Languages:** Javascript, TypeScript, Java, C, Python
- **Front end Development:** HTML, CSS, NextJS, ReactJS, Redux, React Query
- **Back end Development:** Node.js, Express.js, Socket.io, Jee, Spring Boot
- **Database and ORM:** PL/SQL, PostgreSQL, MySQL, MongoDb, Firebase, Supabase, Prisma
- **UI Tools:** TailwindCSS, ShadCn, Sass, Styled Components
- **Others:** Git, Github, Slack, Jira, Agile/Scrum, Figma, Postman, Vercel, Uml

Soft skills

- Team collaboration and effective communication
- Curiosity and eagerness to learn
- Resilience under pressure
- Detail-oriented and thorough
- Commitment to growth and learning
- Strong problem-solving skills
- Creativity in problem-solving
- Conflict resolution skills

Projects

o **Absence Management Web Application :** Designed and developed an intuitive and functional web application for managing absences using **HTML, SCSS/Sass, React.js, MySQL, Spring Boot,** and **J2EE** (Link here)

o **Xcelerate | Landing Page :** Xcelerate is a tech company landing page developed with **Next.js, TypeScript, Tailwind CSS, Framer Motion,** and **Figma**

Links: **Github** | **Website**

o **Orava Dash - E-commerce Dashboard Management App :** Developed a feature-rich dashboard management application for an e-commerce platform using **Next.js, ShadCN, TypeScript,** and **Supabase**

Links: **Github** | **Website**

Languages

o **English**: Fluent

o **French**: Conversational

o **Arabic**: Native Language

Certificates

o **Next.js & React - The Complete Guide**   *Udemy*

o **The Complete JavaScript Course: From Zero to Expert!**   *Udemy*

o **Node.js, Express, MongoDB & More: The Complete Bootcamp**   *Udemy*