Louay Jrad | Frontend Developer

Tunis, Tunisia

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Frontend Developer with **4+ years** of experience building web solutions for industries including civil engineering, automotive and education. Proficient in React and modern JavaScript ecosystems, with a strong focus on performance optimization, component reusability and delivering enjoyable user experiences.

Skills

- **Programming languages:** JavaScript, TypeScript, HTML, CSS.
- **Frameworks and Libraries:** React, Redux, React Router , React Hook Form, Node.js, Jest, Vitest.
- **Tools and Technologies:** Git, Docker, NX, Vite, Storybook, Figma.
- **Development Methodologies:** Agile, Scrum.

Professional Experience

Frontend Developer, *Talan*, Tunis, Tunisia.   **May 2024 - Present**

- Developed a construction site monitoring solution Delta Metronia and a time/resource management system for a French civil engineering company.
- Created a dynamic Form Renderer using React Hook Form and Tanstack Query for handling server state while ensuring the highest accessibility standards.
- Built reusable components and contributed to the design system implementation. Ensured high code quality through unit tests with Vitest and regular code reviews.
- Optimized web application performance, reducing the initial load time and enhancing user experience.
- Participated in frontend technical interviews and paired with new hires and helped onboarding them.
- **Tech Stack: React**, **React Router**, **React Hook Form**, **Shadcn**, **Tailwind CSS**, **ArcGIS**, **Vitest**, **Figma**.

Frontend Developer, *Deloitte*, Tunis, Tunisia.   **October 2022 - April 2024**

- Built and maintained a data visualization application for BMW Group in a cross-functional agile team.
- Implemented custom charts using amCharts following coding standards and best practices, wrote unit tests with Jest, achieving consistent code coverage above 80%.
- Collaborated with UX Designers to develop an interactive tour guide for UI elements including charts, data tables and dashboards.
- Reviewed pull requests, participated in pair programming, and focused on performance, accessibility, and code quality.
- **Tech Stack: Angular**, **Jest**, **AWS QuickSight** , **Material UI**, **Amcharts**.

Frontend Developer, *Save Your Wardrobe*, Tunis, Tunisia.   **July 2022 - October 2022**

- Worked on Save Your Wardrobe's service booking platform Frontend architecture.
- Optimized component state management with context providers and Redux.
- Improved alongside the team the core web vitals metrics by 40%.
- Contributed to the redesign of the Zalando Care and Repair platform.
- **Tech Stack: React**, **React Router**, **Redux**, **Material UI**, **Jest**, **Figma**.

Frontend Developer, *Umanlink*, Tunis, Tunisia. **Aug 2020 - July 2022**

- Developed a Learning Management System used by call center agents and managers, reducing onboarding time by more than 50%.
- Created a course builder that enables managers to easily produce custom learning paths using lessons and quizzes.
- Implemented an event tracking system capturing metrics such as time spent on chapters, lessons, and quizzes.
- Led efforts to define project architecture, layouts, views, and routes for a scalable application.
- Translated Figma designs into responsive components ensuring seamless user experiences across devices.
- Worked on a mobile application called Moïen that provides long-term and short-term accommodation using React Native.
- **Tech Stack: React**, **React Native**, **Material UI**, **Styled-components**, **Figma**.

Education

Engineer's degree, *TEKUP University*, Tunis, Tunisia. **2017–2020**
Bachelor's Degree in Computer Science, *Faculty of science of Tunis*, Tunis, Tunisia. **2014–2017**

Languages

English: Full professional proficiency **Arabic:** Native **French:** Full professional proficiency