Louay Jrad

Frontend Engineer

Tunis, Tunisia
+216 25 422 636
jrad.louay@gmail.com
www.louayjrad.com
louay-jrad

Experienced Software Engineer with 4 years of experience specializing in building frontend applications using the latest technologies. Proven track record of enhancing and contributing to high-impact projects while continuously expanding skill sets. Proficient in collaborating with cross-functional teams and dedicated to delivering exceptional user experiences.

Work Experience

Frontend Engineer, *Talan*, Tunis, TN.   **May 2024 - Present**

- Worked along side Business Analysts to review requirements and plan MVPs for new projects, ensuring alignment with client needs.
- Worked on the development of a time and equipment management solution using React for a French civil engineering company.
- Built reusable components for the company's design system using React and Storybook, ensuring code reliability with unit tests using Vitest.
- Created a dynamic Form Builder using React Hook Form.
- **Technologies : React**, **Redux**, **Vitest**, **Tailwindcss**, **ReactRouter**, **React Hook Form**.

Software Engineer, *Deloitte*, Tunis, TN.   **October 2022 - April 2024**

- Worked within a cross-functional team in an agile environment to deliver a high-quality data visualization application for the BMW Group.
- Implemented new features taking into consideration best development practices.
- Wrote and maintained over 100 unit tests using Jest, achieving and consistently maintaining a code coverage of more than 80% across the entire application.
- Worked closely with a UX designer and business analyst to develop a tour guide module, facilitating user onboarding and navigation through the different parts and modules of the application (charts, data tables, filters, and dashboards).
- Participated in code reviews and pair programming sessions, enhancing code quality and fostering a collaborative team environment.
- Developed a Proof of Concept to embed QuickSight dashboards into the application using Amazon QuickSight Embedding SDK, reducing data access time by 40% and increasing user efficiency.
- **Technologies : React**, **Redux**, **Angular**, **Jest**, **Tailwindcss**, **Material UI**, **Amcharts**.

Frontend Engineer, *Save Your Wardrobe*, Tunis, TN.   **July 2022 - October 2022**

- Worked on the refactoring of Save Your Wardrobe's service booking platform routing and layouts and the reduced unncessary re-renders by changing components state management and using context providers and redux.
- Improved alongside the team the overall performance score of core web vitals on Lighthouse for the booking service by 40%.
- Contributed to Zalando's Care and Repair platform development by implementing new features and writing unit tests.
- **Technologies : React**, **Redux**, **React Router**, **Material UI**, **styled-components**, **Jest**, **Figma**.

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

- Collaborated on multiple projects in a team-based, agile environment to build web applications using React.
- Contributed to the development of a Learning Management System for Umanlink call center's agents and managers facilitating the recruitment process and decreasing the time required for onboarding and learning by more than 50%.
- Took charge of defining the project's architecture, layouts, views, and routes ensuring an efficient organization and scalable structure of the frontend project.
- Converted design concepts and specifications into responsive components to ensure optimal user experiences across different devices.
- **Technologies : React**, **React Router**, **React Native**, **Redux**, **Node.js**, **Material UI**, **Tailwindcss**, **styled-components**.

Skills

- **Programming languages:** JavaScript, Typescript, HTML, CSS.
- **Frameworks and Libraries:** React, Next.js, Angular, Node.js, Redux, React Router, React Hook Form, Tailwind CSS, Material UI, Jest, Express, Strapi.
- **Tools and Technologies:** Git, Docker, Vite, Vitest.
- **Methodology :** Agile, Scrum.
- **Soft Skills :** Effective Communication, Problem-solving, Team Collaboration, Adaptability,.

Education

Master's Degree in Computer Science, *Faculty of science of Tunis*, Tunis, Tunisia. **2017–2019**

Bachelor's Degree in Computer Science, *Faculty of science of Tunis*, Tunis, Tunisia. **2014–2017**

Exchange Program

Exchange Program, *FH-Schmalkalden*, Thuringen, Germany. **Summer 2019**

Languages

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