Louay Jrad

Frontend Engineer

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

Self-motivated Frontend Engineer with 4 years of experience building products for diverse industries. Proficient in JavaScript, Typescript, React, and modern web technologies.

Skills

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

Work Experience

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

- Developed a time and equipment management solution with React for a French civil engineering company, reviewed the requirements and planned MVPs with clients, and built reusable components for the design system using Storybook.
- Created a dynamic Form Builder using React Hook Form and ensured code reliability through unit tests with Vitest.

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

- Collaborated within a cross-functional, agile team to deliver a Data Visualization Tool for BMW Group,
- Implemented new chart components using amCharts following coding standards and best practices, wrote unit tests with Jest, achieving consistent code coverage above 80%.
- Worked closely with UX Designer to develop a tour guide module for app components including charts, data tables, and dashboards, and developed a Proof of Concept using the AWS QuickSight Embedding SDK reducing access time and boosting user efficiency.
- Engaged in code reviews and pair programming focusing on code quality, performance, security and accessibility.

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

- Refactored routing and layouts in Save Your Wardrobe's service booking platform, Optimized component state management with context providers and Redux.
- Improved alongside the team the overall performance score of core web vitals in Lighthouse by 40%.
- Contributed to the redesign of the Zalando Care and Repair platform.

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

- Worked with the team to develop a Learning Management System using React for Umanlink call center agents and managers, resulting in a reduction in training and on-boarding time by more than 50%.
- Created a course builder that enables managers to easily produce custom courses using lessons and quizzes.
- Led efforts to define project architecture, layouts, views, and routes for a scalable structure.
- Translated design specifications into responsive components, ensuring seamless user experiences across devices.

Education

Engineer's degree, *TEKUP University*, Tunis, Tunisia.   **2017–2020**

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

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