

Louay Zouaoui

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About Me

Passionate front-end engineer with three years of experience building impactful web applications and leading development teams. Proven ability to deliver high-performance, user-centric solutions using modern technologies such as React and TypeScript. Interested in leveraging skills in AI, ML, and full-stack development to contribute to innovative projects.

Education

Horizon School of Digital Technologies — Software Engineering Alternance Program

2022 – 2025

Experience

Doktouri — Full-stack Developer, Front-end Team Lead, Co-Founder

January 2025 – Present

- Led a front-end team of **3** developers, implementing an architecture that enhanced initial load times by **30%** and achieved **90%** code coverage.
- Designed and implemented responsive, mobile-first user interfaces adopted by more than **1000+** early users, ensuring seamless experiences across devices.
- Collaborated closely with the back-end team to integrate **15+** core APIs, optimizing data flow contributing to a **20%** reduction in perceived latency.
- Managed the front-end technical direction, establishing clean code practices that reduced front-end-related bugs by an estimated **35%**.
- Played a key role in shaping the product's vision, contributing to strategy, product development, and user engagement from an early-stage startup perspective.
- Partnered with the design team to implement **20+** custom, reusable UI components with Shadcn, accelerating feature development speed by **15%**.

Freelance (Alhamariyah) — Front-end Developer

October 2024 – January 2025

- Engineered and optimized **5+** critical front-end features using React, React-admin, and TypeScript, boosting data rendering performance by **25%** for large datasets.
- Collaborated closely with back-end developers to integrate APIs and define efficient data structures, ensuring smooth and timely feature delivery.

Wayzello — Full-stack Developer, Front-end Team Lead

March 2024 – September 2024

- Led a **4**-person front-end team in building/maintaining web, mobile (React Native), and desktop apps, successfully delivering **3** major feature releases on schedule.
- Spearheaded responsive UI design and implementation, resulting in a **15%** increase in user task completion rates and a **10%** reduction in bounce rate.
- Facilitated effective collaboration within cross-functional teams, aligning front-end work with back-end and design, reducing integration conflicts by **20%**.
- Established front-end coding standards and conducted rigorous code reviews, decreasing merge conflicts by **25%** and enhancing overall code quality and maintainability.

Softylines — Front-end Developer

September 2022 – February 2024

- Built and maintained features for **5+** diverse client projects utilizing React, React Native, Next.js, and TypeScript across web, mobile, and desktop platforms.

- Implemented complex responsive user interfaces based on UX/UI specifications, achieving average Lighthouse performance scores above **90** and ensuring cross-browser compatibility.
- Collaborated with back-end developers to integrate APIs and consume data, contributing to seamless end-to-end functionality for multiple applications.
- Actively participated in team code reviews and Agile methodologies, contributing suggestions that led to refined development workflows and code consistency.

Projects

Doktouri (Healthcare Platform)

React, TypeScript, Redux Toolkit, Tailwind CSS, Shadcn/ui, Nx, NestJS, Radix UI — 2025

- Co-founded and led front-end development for a platform simplifying patient-doctor interactions and scheduling, targeting improved appointment adherence.
- Live Demo: doktouri.com

Web School (School Management ERP)

React, TypeScript, Redux Toolkit, Ant Design, Nx, Cypress, SCSS — 2023

- Developed a comprehensive ERP streamlining student, teacher, and administrative tasks, reducing manual data entry time by an estimated **30%**.
- Live Demo: webschool.tn

My Portfolio (AI-Enhanced Showcase)

Next.js, Tailwind CSS, Shadcn/ui, Gemini API, AI Chatbot, TypeScript — 2024

- Built a modern portfolio integrating AI (Gemini API) for features like an interactive chatbot, demonstrating proficiency in emerging technologies.
- Live Demo: louaydeveloper.vercel.app

Wayzello (Project Management MVP)

React, TypeScript, Redux Toolkit, RTK Query, Nx, PWA — 2024

- Led front-end team, architected, and delivered MVP for a collaborative project management tool within a **4-month** timeframe.
- Live Demo: app.wayzello.com

Ixamee (Exam Management System)

React, TypeScript, Redux Toolkit, Ant Design — 2022

- Built a platform for exam creation, proctoring, and grading, improving administrative efficiency by **40%**.
- Live Demo: ixamee.com

Laverit (E-commerce Backoffice)

React, TypeScript, Redux Toolkit, Material UI, NodeJS, ExpressJS, MongoDB — 2023

- Developed a back-office system managing over **1000+** products, streamlining inventory and order management processes.
- Live Demo: laverit.com

Al Hamriyah (Sports Team Management Platform)

Next.js, Tailwind CSS, Typescript, React Query, Headless CMS — 2024

- Created a platform centralizing management for **10+** sports teams, enhancing scheduling accuracy and result tracking.
- Live Demo: hcsc.sysbrilliance.com

Chez Efendy (Restaurant Management)

Next.js, Stripe, Strapi, Tailwind CSS, Typescript, Antd — 2024

- Developed a platform enabling digital menus, reservations, and online order processing, increasing online orders by **25%** post-launch.
- Live Demo: chez-efendy.com

Softyeducation Landing Page

Gatsby, React, Tailwind CSS — 2023

- Engineered an SEO-optimized landing page using Gatsby, increasing qualified leads by **20%**.
- Live Demo: softyskills.com

Technical Skills

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3/SCSS, Tailwind CSS, Bootstrap, Gatsby, React Native, Expo, PWA, React-admin

UI Libraries: Ant Design, Material UI (MUI), Shadcn/ui, Chakra UI, Radix UI, Framer Motion

State Management: Redux Toolkit, RTK Query, React Query, Zustand, Jotai, Recoil

Backend & APIs: Strapi (Headless CMS), NodeJS, Express, MongoDB, Supabase (BaaS), GraphQL, Stripe API

Build & Monorepos: Rspack, Nx, Webpack, Turborepo, Vite

Testing: Jest, React Testing Library, Cypress, Playwright

DevOps & Tools: Docker, Git, Vercel, GitHub Actions, Azure VM, VPS, ClickUp

Other Concepts: REST APIs, CI/CD, Agile Methodologies, Responsive Design, Performance Optimization