

# Louay Zouaoui

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## About Me

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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

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**Horizon School of Digital Technologies** — Software Engineering Alternance Program

*2022 – 2025*

## Experience

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**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](https://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](https://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](https://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](https://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](https://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](https://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](https://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](https://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](https://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