

# LOAY MADY Frontend Developer

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## SUMMARY

Frontend Developer with 3+ years of experience engineering scalable web applications and SaaS platforms for global clients. Expert in React, Next.js, and TypeScript, with a proven track record of optimizing Core Web Vitals to cut page load times by 30%. Passionate about clean code, robust software architecture, and transforming complex designs into production-ready products.

## EXPERIENCE

**Senior Frontend Developer**, *GeekyAir* · Full-time 🌐 05/2024 – Present | Cairo, Egypt - Hybrid

- Led frontend development efforts, mentoring developers and establishing best practices for scalable architecture and high-quality code, while driving technical decisions and cross-functional collaboration with design, product, and backend teams.
- Engineered and optimized scalable, reusable component libraries and interactive web applications using modern technologies, including TypeScript, Storybook, React.js, and Next.js.
- Spearheaded performance optimizations by monitoring and improving Core Web Vitals, leading to a 30% reduction in page load times.

**Senior Frontend Developer**, *The Compliance Professor Academy* · Part-time 🌐 09/2025 – 11/2025 | Canada - Remote

- Acted as the Frontend Lead for building the academy's official e-learning platform, taking full ownership of turning their core vision and designs into a live, production-ready website.
- Built a high-performance architecture from scratch for both the main platform and the admin panel, ensuring a production-ready and scalable codebase within a 2-month timeline.
- Delivered a high-performance system for the client, completely implementing the platform's core logic, including real-time course tracking, secure exam modules, and Stripe payment checkouts.

**Frontend Developer**, *Upwork* · Top Rated 🌐 07/2023 – 08/2025

**Mid-Level Frontend Developer**, *ComplyMarket* · Contract 🌐 04/2025 – 11/2024 | Germany - Remote

- Led the frontend development of AI-powered compliance tools, building an enterprise system with 20+ configuration-driven modules and robust role-based access control (RBAC).
- Architected scalable dashboards and dynamic questionnaire workflows using Next.js, TypeScript, and Tailwind CSS, achieving 99% cross-browser compatibility and high usability.
- Collaborated with backend engineers and compliance experts to conduct rigorous performance testing, optimize data-heavy APIs, and deliver secure, fully GDPR-compliant enterprise solutions.

**Frontend Developer**, *Creative way Advertising* · Full-time 🌐 06/2023 – 09/2023 | Cairo, Egypt - Remote

- Developed dynamic, component-based user interfaces using React and TypeScript, enhancing application scalability and maintainability across multiple projects.
- Collaborated with cross-functional teams to interact with RESTful APIs, ensuring the smooth integration of data and functionality into web applications.
- Contributed to creating adaptable and responsive user interfaces, thereby enhancing the overall user experience and usability of web applications.

## EDUCATION

**Bachelor In Computers and Data Science**, *Alexandria University* 🌐 2019 – 2023  
CGPA: 3.5 / 4

**Frontend Development Track**, *Information Technology Institute (ITI)* 🌐 09/2022 – 11/2022

**Web Design Track**, *National Telecommunication Institute (NTI)* 🌐 05/2022 – 08/2022

## PROJECTS

**Thor Mobile Truck Wash System** 🌐, *Australia*

Thor Mobile Truck Wash is an enterprise fleet washing operations platform serving clients across Australia, managing the full lifecycle of wash services, from job scheduling and field execution to compliance tracking and Xero-integrated invoicing, across 7 distinct user roles, each with a dedicated dashboard.

- Led the entire frontend development using Next.js, TypeScript, TanStack Query, Zustand, Tailwind CSS, and Shadcn UI; owned task delegation and code reviews across the team, ensuring code quality, consistency, and alignment with backend APIs.
- Implemented complex platform features including GPS selfie-based clock-in/out, multi-stage job approval workflows, recurring jobsheet generation, Xero auto-invoicing with dynamic pricing per truck, bulk fleet CSV import, role-based access control, wash compliance tracking, and per-job Excel export.

### **The Compliance Professor** *🌐, Canada*

The Compliance Professor is an online learning platform focused on compliance and financial sector training. It provides video courses, interactive lectures, auto-graded exams, and issues official certificates that learners can download and verify online.

- Led the entire frontend development, turning the Figma design into a functional product using Next.js 15 and TypeScript, and connecting all features with the backend APIs, resulting in the successful delivery of the full platform with full design accuracy within a tight 2-month timeline.
- Built the comprehensive admin dashboard to manage course creation, lectures, video uploads, question banks, and certificate generation, while integrating video streaming with progress tracking, secure exam timers, and Stripe checkout features.

### **MedHive - Medical Education Platform** *🌐, Saudi Arabia*

MedHive is a Saudi online medical education platform built to help medical students and doctors access structured learning materials. Courses are organized by universities, faculties, academic years, subjects, and doctors, making it easy for students to find exactly what they need for their studies.

- Led the front-end development of the platform, delivering a visually appealing and user-friendly interface that ensures smooth navigation across universities, faculties, doctors, and courses. Focused on accessibility, performance, and effective SEO optimization, resulting in a highly engaging and well-presented platform experience.
- Built the admin dashboard that manages the whole platform, including universities, faculties, subjects, doctors, courses, and student enrollments. It supports creating and organizing courses in a hierarchical structure, handling users and contact messages, and provides a fully responsive and maintainable interface.

### **SkyPass Caribbean - SaaS Booking Management System** *🌐, United States*

SkyPass Caribbean is a multi-tenant SaaS platform that allows airports, service providers, and travel agencies to manage airport Fast Pass bookings and private transfer services. It supports multiple countries and business partners, enabling automated booking operations, service customization, flight data integration, and dedicated dashboards for each business type.

- Owned the end-to-end frontend development, building the user interface using React, TypeScript, PrimeReact, and Tailwind CSS while seamlessly integrating all booking, dashboard, and authentication features with backend APIs. Implemented responsive layouts, state management, and routing, and ensured seamless usability across all user roles.
- Developed core platform features, including bookings and rescheduling management via email links, service and pricing configuration, email template editor, airlines and destinations management, country-level settings, partner and agent onboarding, internal feedback system, and role-based access control across Business Owners, Partners, and Agents.

### **Compliance Management Platform**, *Germany*

An enterprise SaaS platform serving corporate clients worldwide, focused on managing complex operational workflows, structured compliance data, and enterprise-level system configurations.

- Led the frontend development using Next.js, TypeScript, and Tailwind CSS to engineer an enterprise-grade system of 20+ configuration-driven modules, including Super Admin controls and robust role-based access control (RBAC).
- Architected interactive dashboards with advanced filtering, implemented flexible questionnaire logic (Groups, Packages, Sets), and securely integrated APIs for real-time operations.

### **Autofilliate – SaaS Landing Page for Creator Program Automation** *🌐, Netherlands*

A conversion-optimized B2B SaaS landing page designed to market creator and affiliate program automation tools, featuring highly interactive sections, pricing models, and case studies.

- Developed the entire high-performance interface using Next.js, TypeScript, and Tailwind CSS, engineering a scalable component architecture for smooth updates, localization, and mobile optimization.
- Implemented fluid, interactive animations using Framer Motion to showcase product features like automation workflows and ROI metrics, delivering an intuitive user experience.

### **Happy Shop** *🌐, Egypt*

A comprehensive e-commerce platform designed to deliver an engaging online shopping experience, featuring dynamic product catalogs, shopping cart management, secure user authentication, and multi-role dashboards.

- Engineered the entire full-stack application from scratch, building a responsive user interface and implementing secure client-side and admin-level workflows for managing profiles, orders, and addresses.
- Developed an extensive admin control panel for managing brands, categories, products, coupons, and orders, integrating robust form validation and secure payment processing.

## SKILLS

**Core Frameworks & Libraries:** Next.js (v16), React.js (v19), React Native, Vue.js, Redux Toolkit, Zustand, TanStack Query, Axios, Formik, React Hook Form.

**Languages & Core Tech:** TypeScript, JavaScript (ES6+), HTML5, CSS3, REST APIs, AJAX, Design Patterns, OOP, Web Performance Optimization, SEO Optimization.

**UI & Styling Frameworks:** Tailwind CSS, Material UI, Shaden UI, PrimeReact, Headless UI, Chakra UI, Bootstrap, Responsive Design, Accessibility (a11y).

**Tools, DevOps & Testing:** Sentry, New Relic, Vite, Webpack, Git, GitHub, Jest, Unit Testing, CI/CD Workflows, Team Leadership, Teamwork, Agile/Scrum Methodologies, Figma, Adobe Photoshop, Illustrator.

**Backend & Databases:** Node.js, MongoDB, Prisma, Strapi.