

Ahmed Ramadan

Front-End Developer

Ain Shams, Cairo, Egypt | 📞 +201113587590 | ✉️ ahmedabohmaid.dev@gmail.com
🌐 ramadan.abohmaid.workers.dev | [in linkedin.com/in/ahmed-abohmaid](https://www.linkedin.com/in/ahmed-abohmaid) | github.com/ahmed-abohmaid

Summary

Front-End Developer with **+3 years of experience** building scalable web applications. Focused on clean architecture, state management optimization, and real-time interactive systems. Delivered production-grade CRM, EdTech, and e-commerce platforms using **React.js**, **Next.js**, and **TypeScript**.

Technical Skills

Languages & Core: JavaScript (ES6+), TypeScript, HTML5, CSS3
Frameworks & Libraries: React.js, Next.js, TanStack Start, Vue.js, Nuxt.js
State & Real-Time: Zustand, TanStack Query, Redux, React Context, WebSockets, Socket.io, SSE
Tools & Practices: Feature-Sliced Design (FSD), Git, Tailwind CSS, Figma
AI Tools: Vercel AI SDK, Claude Code, GitHub Copilot
Familiar With: Node.js, Svelte

Experience

Corteksa - CRM – corteksa.com

Aug 2025 – Present

Mid-Level Front-End Developer

Saudi Arabia (Remote)

- Led codebase refactoring as the sole front-end developer across a monorepo (Admin, User, and shared packages), enforcing **Feature-Sliced Design (FSD)** architecture while building core features like Cortex Units dynamic logic, custom fields, and task management.
- Implemented an interactive n8n-style workflow UI, integrated multi-channel social APIs (WhatsApp, social media), and contributed to key platform utility logics including dynamic PDF generation and Firebase push notifications.
- Migrated global state from Redux to **Zustand** for optimal client state performance in large forms, and adopted **TanStack Query** for server state management and caching to minimize backend requests.
- Implemented reusable localized state patterns combining Zustand with React Context for scoped component trees (inspired by TkDodo).
- Refactored Cortex Chat, significantly improving its UX and overhauling the real-time messaging architecture using **Socket.io**, resolving critical performance bottlenecks, state sync issues, and race condition bugs.
- Eliminated re-render performance issues in large data tables and Kanban views using advanced component memoization.

Softigital – Software House

Apr 2024 – Aug 2025

Front-End Developer

Giza, Egypt (Hybrid)

- Led a team of 3 front-end developers on Kidsqueue (kidsqueue.com), establishing coding guidelines and modular architecture to ensure maintainable code and on-time delivery.
- Contributed to an in-browser compliance tool for ZeroDrift (zerodrift.com) using PDF.js with click-to-scroll navigation between PDF highlights and parsed Excel datasets, and integrated real-time AI message streaming with Server-Sent Events (SSE) for instant violation analysis.
- Contributed to dashboard features for TwinTip ([Google Play](https://play.google.com/store/apps/details?id=com.twintrip)), including slots management, reservations, instructor controls, quizzes, and interactive charts.
- Migrated LiveaboardTrip (liveaboard.com), an e-commerce travel platform, to Nuxt.js, delivering UX enhancements and significant SEO improvements.
- Applied UX and performance optimizations to Fire Cert (firecloudcert.com), achieving 95.56% mobile performance and 99% accessibility scores on Lighthouse.

Across The Globe (ATG) India

Feb 2023 – May 2023

React JS Developer Intern

Remote

- Translated Figma designs into responsive UIs using **React.js** and **Tailwind CSS** within a global cross-functional team.

Side Projects

Zorwah – | TanStack Start | zorwah.com

- Built an all-in-one EdTech platform originally on Next.js and migrated to **TanStack Start** for ultra-fast rendering. Implemented secure `httpOnly` cookie auth, simplified student UX flows, and built teacher dashboards, serving **1,000+ active students in 2025**.

Construction AI Automation Platform | Next.js, Python, Vercel AI SDK | Live Demo

- Developed a full-stack Next.js and Python application evolving from a graduation project into a commercial business. Utilized AI agents (**Vercel AI SDK**) and CAD boundary parsing (**ezdxf**) to automate construction estimation workflows, accelerated by AI dev tools (**Claude Code**).

Education

Ain Shams University

2021 – 2026

B.Sc. in Electrical Power and Machines Engineering | **Grade: Very Good**

Cairo, Egypt

- Volunteered as a **Front-End Instructor at IEEE ASUSB** (2023 – 2025), instructing engineering students on front-end development concepts and JavaScript.