AYMAN ELDAWY

Senior Frontend Engineer | React, Next.js, TypeScript

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 5 years of commercial experience shipping production applications with React, Next.js App Router, and TypeScript. Experienced across enterprise dashboards, customer-facing platforms, real-time workflows, and bilingual CMS-driven sites. Strong in frontend architecture, React rendering and hooks behavior, reusable design systems, state and server-data separation, performance profiling, meaningful automated testing, and production debugging. Mentored developers and collaborated with product, design, backend, and QA teams while using AI-assisted tools to accelerate delivery without compromising review or ownership.

TECHNICAL SKILLS

- **Frontend:** React, Next.js App Router, Server Components, TypeScript, JavaScript (ES6+), HTML5, CSS3/SCSS
- **Architecture & State:** feature-based architecture, reusable components, Zustand, Redux Toolkit, TanStack Query, REST APIs, SSR/SSG/ISR
- **Testing & Quality:** Vitest, Jest, React Testing Library, Playwright, Cypress, unit/integration testing, code reviews
- **Performance & Debugging:** React DevTools, browser profiling, memoization, bundle analysis, code splitting, lazy loading, Core Web Vitals
- **UI & i18n:** Tailwind CSS, shadcn/ui, MUI, responsive design systems, accessibility, next-intl, RTL interfaces
- **Tooling & Delivery:** Git, GitHub/GitLab, Vite, Webpack, ESLint, Docker, CI/CD, AWS S3, CloudFront, Cursor, Claude, ChatGPT, Codex

PROFESSIONAL EXPERIENCE

Frontend Developer | Why Not Tech *Apr 2023 - Present | Istanbul, Turkey*

- Owned frontend architecture and feature delivery for a complex B2B real estate platform spanning authentication, admin dashboards, search, reporting, and role-based workflows.
- Shipped production React and Next.js features across multiple business domains, integrating REST APIs, authentication, loading and error states, and real-time workflows.
- Set frontend quality standards and mentored 3 developers through code reviews and pair programming, aligning architectural decisions with team delivery goals.
- Reduced unnecessary React re-renders by 38% across data-heavy views through form-state isolation and targeted memoization, improving perceived performance on low-end devices.
- Reduced LCP by 2.1 seconds and eliminated layout shifts through code splitting, lazy loading, image optimization, and Next.js SSR/ISR.
- Documented reusable patterns for state management, React Query data flows, components, testing, accessibility, and incident learnings to reduce technical debt across the team.

Frontend Developer | Nas Nav *Dec 2022 - Apr 2023 | Cairo, Egypt*

- Debugged and optimized a commercial React codebase using browser and React profiling tools, resolving rendering bottlenecks and cross-browser interface issues.
- Developed an XML import workflow with configurable field mapping, duplicate detection, vendor-specific templates, validation, JSON/API integration, and detailed import reports.
- Built a reusable UI component library adopted across multiple features, reducing duplicated code and improving delivery consistency.
- Collaborated with designers and QA to deliver responsive, production-ready interfaces from Figma specifications.

Freelance Web Developer | Self-employed *Jul 2021 - Nov 2022 | Remote*

- Delivered production-ready websites using JavaScript, React, and Next.js, with responsive design, SEO, API integration, and cross-browser compatibility.
- Customized CMS solutions and consistently achieved 90+ Lighthouse scores for performance and accessibility across client projects.

Web Designer | JCToday Research & Marketing Solutions *Jan 2020 - Jun 2020 | Cairo, Egypt*

- Designed and implemented responsive interfaces with HTML5, CSS3, and JavaScript for marketing and research websites.
- Refactored legacy pages to modern web standards, improving cross-browser compatibility and maintainability.

SELECTED PROJECTS

- **YDMSoft - Corporate Platform** Live
  Engineered and deployed a bilingual JavaScript/Next.js platform spanning 22 dynamic software modules, services, blogs, and reference pages. Implemented next-intl routing, localized SEO metadata, responsive interfaces, and production deployment.
- **Noor Alkhalej - E-Commerce** Live
  Extended a production Next.js application with a shopping-cart experience and optimized checkout flow. Integrated API-driven behavior and improved SEO, performance, and Core Web Vitals under real production usage.
- **Tseppas - E-Commerce** Live
  Built a dynamic e-commerce frontend using JavaScript, React, Redux Toolkit, SCSS, REST APIs, and responsive Figma-based interfaces. Implemented cart logic and optimized rendering across high-interaction product pages.
- **3maretna - Property Management SaaS**
  Built an end-to-end multi-tenant product using Next.js, React Native, NestJS, PostgreSQL, and TypeORM. Delivered role-based dashboards, authentication, chat and real-time workflows, reusable UI, uploads, and production deployments.