Zyad Moataz

Mid Frontend Engineer | React.js, Next.js & TypeScript

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Professional Summary

Frontend Engineer with 2+ years of experience shipping production web applications with React.js, Next.js, TypeScript, and Tailwind CSS across SaaS dashboards, multi-locale storefronts, and corporate platforms. Proven track record in frontend architecture, auth security (HttpOnly cookies, XSS/CSRF hardening), live payment gateway flows (Mastercard), and Core Web Vitals optimization (Lighthouse 99, 100 SEO). Enforces clean SOLID/DRY standards, automated testing (Jest/Playwright), and rigorous PR reviews.

Professional Experience

Frontend Team Lead & Engineer | Blooms Egypt | Hybrid | Feb 2026 – Present **bloomsegypt.com**

- Designed the frontend architecture for two connected **Next.js / TypeScript** products—a **15+ page public website** and its custom **CMS dashboard**—and led **7 developers** across both.
- Selected the frontend stack (**TanStack Query, Redux Toolkit, Axios**), configured strict ESLint rules, managed Agile/Jira sprint tasks, and reviewed/merged PRs enforcing **SOLID and DRY** principles.
- Ran a frontend security audit for **XSS and CSRF**, uncovered auth tokens in localStorage, and partnered with backend engineers to migrate session auth to **HttpOnly cookies**.
- Built the frontend checkout, callback verification, and error-handling flows for the live **Mastercard payment gateway** integration.
- Fixed Cumulative Layout Shift (CLS) regressions using **Google Search Console and Microsoft Clarity** data, raising desktop Lighthouse performance from **62 to 99 (96 Accessibility, 100 SEO)**.
- Introduced spec-driven **AI-assisted engineering workflows** (automated Jest/Playwright test scaffolding and rapid feature specs) paired with strict manual architecture and PR review.

Frontend Engineer | MyCash | Hybrid / Remote | Jan 2025 – Jan 2026 **mycash.sa**

- Developed internal production SaaS operational dashboards (**Nekhdmak & Shohna**) using **React, TypeScript, Tailwind CSS, and TanStack Query** for live shipment and order management workflows.
- Optimized REST API data fetching and cache invalidation with **TanStack Query**, cutting redundant network requests by **~40%**.
- Built reusable, responsive, WCAG-accessible React components (props, state & custom hooks) applying **SOLID and DRY** principles with automated **Jest and Playwright** tests.

Freelance Frontend Engineer | Edge BPO | Remote | Nov 2024 – May 2025 **edgebpo.com**

- Raised desktop Lighthouse performance from **47 to 99** and reached **100 SEO** by implementing **Next.js Server-Side Rendering (SSR)**, dynamic sitemaps, and robots.txt.
- Partnered with marketing leads to implement **JSON-LD schema markup** for rich-snippet search discoverability.

Freelance Frontend Engineer | Origami Aura | Remote | In Progress **origami-aura.vercel.app**

- Architected the responsive multi-locale (**RTL/LTR, i18next**) e-commerce storefront UI with **Next.js, TypeScript, Tailwind CSS, TanStack Query, and Redux Toolkit** (catalog, filtering, cart state, workshops, and seller onboarding at **90+ Lighthouse SSR**).
- Structured modular checkout and shipping UI state flows prepared for **Paymob and Bosta** gateway webhooks alongside dynamic SEO metadata.

Other Experience

Lead IT Support Specialist | Innovative Work Solutions BPO | On-site | Jan 2024 – Jan 2025

- First IT specialist at a **1,000+ agent BPO**; led firewall migration (**Arista to FortiGate**) and enterprise VPN configuration.
- Led Windows imaging for **500+ laptops** during a domain migration; trained 4 team members and supported US-based clients.

Mandatory Military Service | Egyptian Armed Forces | 12/2022 – 12/2023

Technical Skills

- **Frontend:** React.js (Components, Props, State & Custom Hooks), Next.js (App Router, SSR/SSG), TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Responsive Web Design, WCAG Accessibility
- **State, Data & APIs:** TanStack Query (React Query), Zustand, Redux Toolkit, Context API, React Hook Form, Zod, RESTful APIs, Axios, i18next (RTL/LTR)
- **Security, Performance & SEO:** HttpOnly Cookie Auth, XSS/CSRF Hardening, CSP Headers, DOMPurify, Core Web Vitals (LCP/CLS), Lighthouse (99), Technical SEO, JSON-LD, Google Search Console, Microsoft Clarity
- **Testing, Tooling & Workflow:** Git & GitHub, Jira, Agile / Scrum, Jest, Playwright, Sentry, CI/CD, Figma
- **AI-Assisted Engineering:** Spec-driven development workflows, automated Jest/Playwright test scaffolding, strict manual architecture & PR review

Education, Certifications & Internships

Bachelor of Computer Science, El Shorouk Academy — 2018–2022 — (Grade: Very Good | Graduation Project: Excellent, Ranked 9th in class in 2020)

Certifications: Web Development Challenger & Professional Tracks (Udacity) · The Complete JavaScript & Ultimate React Courses (Udemy)

Internships: Freelance Web Engineer Intern (ITIDA + Gigs) · Frontend Engineering Intern (Next Academy)

Languages: Arabic: Native | English: B2 (Professional Working Proficiency)