

Abdelrahman Mostafa

FRONT-END ENGINEER

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PROFILE

Front-End Engineer with 3+ years of experience shipping production marketplaces with React, Next.js, and TypeScript. Primary front-end engineer on EgyStay and a core contributor to Lesoll, building booking and payment flows, map-driven search, real-time chat, technical SEO, and internal admin systems. Experienced in performance optimization and bilingual Arabic/English products with full RTL support.

EXPERIENCE

Lesoll | Front-End Engineer

Jun 2023 - Present

Lesoll Marketplace

- Owned technical SEO for a bilingual real-estate marketplace, implementing 18 segmented XML sitemaps, canonical and hreflang rules, structured data, and 410 responses for removed listings.
- Built a 20+ module internal admin CMS covering users and VIP plans, listing moderation, pricing, content, analytics, sales operations, and chat monitoring.
- Shipped a seven-section property-listing flow with draft save/resume, Google Places map selection, monetization options, unsaved-change protection, and client-side image compression.

EgyStay - Short-Term Rental Marketplace

- Owned the primary front-end implementation across three role-based experiences, delivering booking quotes, Paymob checkout, reservation management, reviews, and a 17-step host listing flow.
- Built map-driven search with MapLibre, clustering, URL-synchronized state, and 12+ filters, plus Socket.io chat with typing indicators, presence, delivery tracking, read receipts, and booking action cards.
- Delivered Arabic/English localization with full RTL behavior and approximately 2,300 translation keys per locale; improved homepage delivery using React streaming, CSS-first motion, optimized assets, and lazy-loaded widgets.

SELECTED PROJECTS

next-seo-doctor | Open-Source Technical SEO CLI

[npm](#) | [GitHub](#) | [Docs](#)

- Published a TypeScript CLI that crawls running Next.js builds locally, in staging, or in production and detects eight classes of SEO regressions across canonical URLs, sitemaps, JSON-LD, robots.txt, and Open Graph images.
- Designed concurrent crawling, retry and failure handling, JSON output, and CI exit codes; verified behavior with 48 automated Vitest tests.

Clickfold | Full-Stack Link Management & Analytics

[Live](#) | [GitHub](#) | [API](#)

- Built a Next.js and Express platform for link shortening, campaign grouping, custom Open Graph previews, UTM generation, QR codes, and click analytics across location, browser, device, and referrer data.
- Implemented server-side redirects, Google OAuth, JWT refresh flows, Zod validation, MongoDB, Cloudinary, Resend email delivery, documented REST APIs, and automated API tests.

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS, Redux Toolkit, TanStack Query, React Hook Form, Zod
Product engineering: Technical SEO, performance, accessibility, WebSockets, i18n and RTL, responsive UI, REST APIs
Backend and infrastructure: Node.js, Express.js, MongoDB, Mongoose, Socket.io, AWS EC2, Nginx, Vercel, Git

EDUCATION & LANGUAGES

BSc, Computer Science and Information Systems
Faculty of Computer Science and Artificial Intelligence, Helwan University

Arabic: Native
English: Proficient