

Ahmed Ismael Elmhlawy

Front-End Developer | React & Next.js

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Portfolio: <https://ahmedelmhlawy.vercel.app>

PROFILE SUMMARY

Front-End Developer with 1 year of experience specializing in React and Next.js, with a proven track record of architecting scalable platforms serving 80k+ active users. Supported by backend proficiency in Node.js and Express. Dedicated to implementing robust system designs, optimizing Web Vitals, and delivering seamless, high-performance web applications.

SKILLS

Core Concepts	Data Structures - Algorithms - Problem Solving - System Design - OOP - Agile Development - Web Performance - UI/UX Design - SEO - SOLID - CI/CD
Front-End	React.js - Next.js - Redux - JavaScript - TypeScript - Tailwind CSS - Bootstrap - CSS - HTML - GSAP
Back-End & Databases	Node.js - Express.js - MongoDB - SQL - PostgreSQL - Supabase - Firebase - REST APIs - GraphQL
Tools & Testing	Git/GitHub - GitHub Actions - Webpack - Unit Testing (Jest)

WORK EXPERIENCE

Front-End Developer	KimCam Cairo Feb 2025 - Jan 2026
- Built a scalable e-learning platform and internal ERP system from scratch, successfully serving 80k+ active users. - Integrated a secure, custom-branded video streaming service to protect proprietary content and enhance user experience. - Slashed page load time by 73% (from 3.0s to 1.2s) via code-splitting and lazy loading, achieving perfect Lighthouse scores. - Engineered a real-time system notification architecture using Firebase, delivering instant in-app alerts to interactive teacher dashboards.	
Part-time AI & Python Instructor	iSchool Remote Apr 2026 - Present
- Achieved a 95% evaluation within the national DEMI by mentoring 200+ developers-in-training through the full development lifecycle of 12 practical projects. - Conducted rigorous code reviews and interactive debugging sessions, enforcing clean code principles and translating theoretical algorithms into applied software engineering skills.	

COURSES & CERTIFICATES

Full Stack Developer (MERN Stack)	Jun 2024 - Oct 2024
Digital Egypt Pioneers Initiative - DEPI	
Front-End Developer Course	Aug 2022 - Dec 2022
Route Academy	
Business English & Soft Skills Tracks	Jun 2024 - Oct 2024
Business communication, financial proposals, collaboration, and adaptability	
CCNAv7: Introduction to Networks	Aug 2022
Cisco Networking Academy	

EDUCATION

Bachelor of Computer and Information Technology Zagazig University	Sep 2020 - Jul 2024
GPA : 3.1/4.0	

PROJECTS

Full-Stack E-Commerce | Next.js, Supabase

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

- **Architected a Full-Stack E-Commerce Platform:** Engineered a scalable, high-performance application from scratch using Next.js 15 (App Router) and Server-Side Rendering SSR. Integrated a normalized PostgreSQL database via Supabase to ensure robust data integrity.
- **Developed Custom ERP & CMS Solutions:** Built a comprehensive admin dashboard to centralize business operations. This internal system streamlines complex inventory management, order processing workflows, automated customer emails (Nodemailer), and real-time sales analytics (Recharts).
- **Developed Advanced Storefront & Payment Logic:** Implemented a frictionless shopping experience with an intelligent cart system handling product variants, dynamic stock, and custom coupons. Integrated Stripe Elements for enterprise-grade, secure payment processing.
- **Optimized for Premium UI/UX & Technical SEO:** Crafted a bespoke "Quiet Luxury" interface using Tailwind CSS and shadcn/ui. Maximized organic visibility and perceived performance through dynamic metadata, structured JSON-LD schemas, and React Suspense.

Full-Stack Article Platform | Next.js 16, Prisma, PostgreSQL

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

- Architected a scalable blogging platform utilizing the Next.js App Router, designing distinct workflows and interfaces for authors, administrators, and end-users.
- Implemented secure role-based authentication and authorization, enforcing permissions at both route and server levels, and integrated rich content creation via TipTap editor.
- Delivered a responsive, accessible UI with Tailwind CSS v4 and shadcn/ui, leveraging SSR and SSG for improved SEO and fast load times, with interactive features backed by Prisma ORM and PostgreSQL.

Full-Stack Food Delivery | React, Express, MongoDB, Tailwind CSS

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

- Built a full-stack food delivery application with React, Express and MongoDB, implementing RESTful APIs and CRUD workflows for products, orders, and users.
- Developed an admin panel with Cloudinary for media management and Stripe for secure payment processing, streamlining product and order operations.
- Optimized application performance, elevating Lighthouse scores from 88% to 100% across all metrics, ensuring a seamless, highly accessible ordering experience for end-users.

Dashboard | React, Firebase, Material UI

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

- Built a responsive admin dashboard using React and Material UI, implementing Context API for scalable state management.
- Integrated Firebase (authentication & backend services) for secure user auth and real-time data syncing.
- Implemented interactive Nivo charts for KPI visualization, significantly optimizing data rendering performance (Lighthouse 32% to 90%) and ensuring strict adherence to modern web best practices.

E-learning website | React, Bootstrap, Firebase

[GitHub](#)

- Constructed a responsive front-end utilizing React and Bootstrap, seamlessly integrating the Gemini LLM API to automate AI-driven student Q&A, significantly enhancing user engagement and learning support.
- Implemented Firebase for real-time chat and auth, Redux for scalable state management, and i18next for bilingual localization.
- Optimized performance and SEO (Lighthouse 47% to 100%), and implemented unit testing using Jest to ensure the reliability of core components and utility functions.