

# Mohamed Elmshaly

Junior Front-End Developer (React & Next.js)

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

## Summary

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Enthusiastic Junior Front-End Developer with hands-on experience in React and Next.js through personal and professional projects. Passionate about building responsive, user-friendly web applications using modern JavaScript frameworks. A quick learner with strong problem-solving and animation skills, with great attention to detail.

## Education

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### Bachelor of Business Administration

2021-2025

Faculty of Commerce

Tanta

### CS50: Introduction to Computer Science

By Harvard University

### Learn modern HTML5, CSS3 and web design

By [Jonas Schmedtmann](#)

### The Complete JavaScript Course 2024: From Zero to Expert!

By [Jonas Schmedtmann](#)

### The Ultimate React Course 2025: React, Next.js, Redux & More

By [Jonas Schmedtmann](#)

## Education

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### - Shopper E-commerce Application. ([Live Demo](#)) ([GitHub Repo](#))

- **Core Architecture:** Built a scalable web application using Next.js 15 App Router, TypeScript, and React 19.
- **CMS Integration:** Leveraged Sanity.io to manage real-time product data, categories, and blog content.
- **Payments & Auth:** Implemented secure checkout flows with Stripe and user authentication/management via Clerk.
- **UI/UX:** Designed a pixel-perfect, accessible interface using Tailwind CSS v4, Radix UI, and Framer Motion for enhanced user engagement.
- **State Management:** Utilized Zustand for efficient handling of shopping cart and wishlist states across the application.

### - Instrument Studio – Creative Agency Portfolio : Designed and engineered a dynamic portfolio platform for "Instrument Studio," a creative agency specializing in branding and digital experiences. ([Live Demo](#)) ([GitHub Repo](#))

- **Architecture:** Leveraged Next.js 16 (App Router) and React 19 for a robust, server-rendered foundation.
- **UI/UX:** Implemented a custom design system using Tailwind CSS 4, featuring a dark-themed, high-contrast aesthetic with custom typography.
- **Interactions:** Integrated Framer Motion for scroll-triggered entrance animations and hover effects, alongside Lenis for momentum-based smooth scrolling, creating a fluid narrative experience.
- **Content:** Showcased diverse projects (Web3, Mobile Apps, Merchandise) through responsive grid layouts and optimized media assets.

- **The Wild Oasis – Dashboard Hotel Management Application** ([GitHub Repo](#)):

- Developed a feature-rich SPA for hotel administration using React and Vite.
- Integrated MongoDB as the primary database to store and manage complex relational data including cabins, bookings, and application settings, ensuring high availability and data consistency.
- Utilized React Query for efficient server state management, caching, and optimistic UI updates to minimize latency.
- Designed a responsive and accessible UI with Styled Components, featuring a dynamic dark/light mode and interactive dashboard charts.

- **My-Blogs – Personal Content Management System** Built a robust, responsive blogging platform tailored for daily content creation and weekly review. ([GitHub Repo](#)):

- **Core Stack:** Utilized Next.js 15 for high-performance server-side rendering and routing.
- **Content Creation:** Integrated React Quill to provide a full-featured rich text editing experience for writing blog posts.
- **Data Layer:** Implemented Prisma ORM with type-safe database interactions and efficient schema management.
- **Security:** Secured the application with NextAuth.js v5, ensuring protected routes and safe user sessions.
- **Styling:** Crafted a responsive design using CSS Modules, ensuring a consistent experience across devices.

## Technical Skills

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- **Front-End:** React.js, Next.js, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Styled Components, Sass
- **State Management:** Redux Toolkit, Zustand, Context API
- **Animations:** Motion (Framer Motion), Lenis
- **Back-End:** MongoDB, currently learning Node.js (Hono, Express), Supabase
- **Tools & Libraries :** REST APIs, Prisma, react-hook-form, Formik, Yup, Zod, Shadcn, MUI, VS Code, Cursor, Antigravity
- **Version Control:** Git, GitHub

## Languages

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- **Arabic:** Native
- **English:** Proficient