

Mohamed Khamis

Full Stack Web Developer (MERN | Next.js)

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Professional Summary

Full Stack Developer specializing in **React, Next.js, and Node.js**. Experienced in building scalable applications with secure authentication and payment integration. Committed to writing clean code and delivering high-performance user experiences.

Skills

Backend: Node.js, Express.js, RESTful APIs, Strapi (Headless CMS).

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Core: JavaScript (ES6+), TypeScript, Data Structures & Algorithms.

Tools & DevOps: Git, GitHub, Postman, Vercel, Railway, Cloudinary, Firebase

Frontend: React.js, Next.js (App Router), Redux Toolkit, Tailwind CSS, Bootstrap, Framer Motion, HTML5, CSS3.

Database: MongoDB, Mongoose.

Integrations: Stripe, Paymob (Payment Gateways), EmailJS, JWT Auth.

Projects

Full-Stack E-commerce Platform | React, Node.js, TypeScript, MongoDB

- Engineered a comprehensive e-commerce architecture comprising a customer storefront, admin dashboard, and robust REST API.
- **Key Achievement:** Integrated multi-provider payment systems (**Stripe & Paymob**) and Cash on Delivery (COD), handling secure transaction flows.
- Implemented complex state management for the shopping cart and global app state using **Redux Toolkit**.
- Developed an admin panel for real-time inventory, order management, and product analytics.
- Optimized image delivery and storage using **Cloudinary** to enhance page load performance.

Pizza Hub – Real-time Food Ordering System | React, TypeScript, Node.js, Express

- Built a multi-role platform (Customer, Admin, Delivery) featuring **Role-Based Access Control (RBAC)** for secure data handling.
- Implemented **Real-time** order status updates to create a seamless user experience similar to major delivery apps.
- Designed a responsive, mobile-first UI with **Tailwind CSS**, ensuring accessibility across all devices.
- Secured API endpoints using JWT authentication and practiced defensive coding against common vulnerabilities.

Task Manager – Enterprise Workflow Tool | MERN Stack, JWT

- Developed a productivity tool with full CRUD capabilities and a "Kanban-style" workflow (Pending, In Progress, Completed).
- Architected a secure backend structure to manage user sessions and task relationships efficiently.
- Created a dedicated Admin Dashboard for user management and system-wide task monitoring.

Languages

- Arabic: Native

- English: Intermediate