

Mahmoud Othman

MERN Stack Developer

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Professional Summary

MERN Stack Developer with 3+ years of practical experience in building scalable and secure web applications using React.js, Next.js, Node.js, Express.js, and MongoDB. Strong experience in RESTful APIs, authentication systems, real-time applications using Socket.io, and clean MVC architecture. Passionate about writing maintainable code and building real-world production-ready systems.

Skills

HTML, CSS, JavaScript (ES6+), TypeScript, Bootstrap, React.js, React Query, Next.js, Node.js, Express.js, MongoDB, REST APIs, MVC Architecture, Socket.io, Git, GitHub

Professional Experience

MERN Developer - Freelance, | Aug 2023 – present

- Developed responsive and high-performance user interfaces using React.js and Next.js, following modern frontend best practices.
- Designed and implemented RESTful APIs using Node.js and Express.js.
- Built secure authentication and authorization systems using JWT and bcrypt.
- Designed and optimized MongoDB schemas and queries using Mongoose.
- Implemented real-time features using Socket.io.
- Integrated file uploads, email services, and PDF generation to meet real business requirements.

Projects

E-Commerce Platform 🔗, Store App Website | 2024

Technologies: React.js, Node.js, MongoDB, Slugify, React Query.

- Built a secure e-commerce system with authentication and role-based access.
- Implemented real-time order status updates using Socket.io.
- Added features for order tracking, product reviews, password recovery, and email notifications.
- Designed scalable backend architecture to support future payment integration.

Inventory & Consumption Tracking System 🔗, Inventory Management | 2025

Technologies: React.js, Node.js, Nodemailer, Exceljs, PDFKit / puppeteer.

- Developed a system for inventory management across multiple branches.
- Implemented stock transfers, consumption tracking, and order processing.
- Ensured secure authentication and full CRUD operations with validation.

Personal Portfolio Website 🔗, Developer Portfolio | 2025

Technologies: React.js.

- Designed and developed a responsive personal portfolio website.
- Showcased projects, technical skills, and professional experience with a clean and optimized UI.

Courses

Full Stack Web Development (MERN Stack)

Route Academy

Jun 2023 – Mar 2024

Education

Diploma in Microbiology & Virology

2017

Beni Suef University

Bachelor of Agriculture Science

2012

Fayoum University

Languages

Arabic: Native

English: Conversational