

# FULL STACK MERN DEVELOPER

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🌐 Portfolio

Egypt, Al-Behera

## About

Full Stack MERN Developer dedicated to creating scalable systems, with expertise in Node.js, Express.js, MongoDB, React, and Next. Committed to delivering efficient and secure full-stack applications.

## Skills

- Java Script
- Type script
- Node.js
- data bases: sql, noSql
- mongoDb, postgres, mysql
- Orm(sequelize), Odm(mongoose)
- backend frameWorks: Express.js, Nest.js
- frontend frameworks & library: React.js, Next.js
- version control: git & github, docker
- Authentication, restfull apis, graphs, sockets
- third party tools like:  
nodemailer, multer, uploadthing, cloudinary, passport.js, socket.io, shadcn, formik, antd, axios, redux, reactQuery....

## Experience

### • *Rai company*

### *Full Stack Developer (MERN)*

As a Full Stack Developer at RE, I was involved in creating and launching two extensive systems, where I applied fundamental development principles and greatly enhanced my technical abilities. I acquired practical experience in server management, database configuration, and executing deployments in both shared and VPS environments. Furthermore, I developed a tracking system for trainees, which improved team efficiency and collaboration. This position facilitated my growth from a Junior Developer to a more confident and proficient professional.

### • *Lxdyi company*

### *Frontend developer (REACT)*

In my role as a Frontend Developer at LXDYI, I concentrated on developing and refining eCommerce applications with React.js. My responsibilities included designing responsive and user-friendly interfaces, integrating APIs, and enhancing the overall shopping experience. I was tasked with implementing dynamic UI components, boosting performance, and ensuring a smooth user journey across various devices.

## Projects

### • *Tatweer el bawady*

Developed a Real Estate Management System with Node.js and Express.js, facilitating property rental management and payment tracking. Integrated Socket.IO for real-time chat between property owners and renters, and implemented automated and manual email scheduling using NodeMailer. Added encryption with Bcrypt to secure user data and used Multer for file uploads. Included a feature for intelligent message suggestions based on the payment stage of users.

- To do system
- MongoDB with Mongoose ODM
- Real time chat
- A periodic tracking system for payments
- Handle many relations between a variety collections including (contracts, systems, estates, files, ...)
- Analytics
- Settings (roles, paymentWays,taxes,...)
- Featured cruds operations (using well structured middlewares)

### • *Lite Pay*

Developed and launched Lite Pay, a secure payment platform that allows users in Egypt to conduct safe international transactions without the need for international credit cards or accounts. The platform connects to a US-based bank's API, enabling transactions through sub-cards linked to a primary MasterCard. It guarantees secure processing with advanced encryption and authentication features. Designed with scalability in mind, Lite Pay incorporates middleware pipelines and thorough payment workflows to manage transactions effectively.

- Utilizes PostgreSQL with Sequelize ORM
- Includes real-time chat functionality
- Offers notifications and logging
- Manages numerous relationships across various collections, including contracts, systems, estates, files, and more.
- Node.js and Express.js
- Secure API integration with encryption
- Featured cruds operations (using well structured middlewares)

- **Osgie Company WebApp**

This project features a Next.js frontend tailored for exceptional performance, SEO enhancement, and scalability. It utilizes SSR, SSG, and ISR to ensure rapid page loads and an improved user experience. Performance is further boosted with optimized images, lazy loading, and effective caching, while TypeScript, ESLint, and thorough testing guarantee high code quality. SEO is strengthened through the use of meta tags, structured data, and adherence to Core Web Vitals standards. This project is perfectly suited for professional applications such as e-commerce platforms, blogs, and dashboards.

- Landing page
- MongoDB integrated with Mongoose ODM
- Queue system for managing large-scale requests
- Dynamic pages featuring a CRM dashboard
- Animations
- Transitions (AOS)
- SEO-friendly

- **Shary & Proteen**

Two sister E-commerce web applications developed with a .NET backend and React.js using Vite for the frontend. The features include products, categories, a chat application, order tracking, a shopping cart, and a wishlist.

- Built with React.js utilizing the Vite engine.
- SQL database for a robust and well-structured data management system (efficient data retrieval).
- Real-time chat functionality powered by Socket.io.
- SEO optimized with well-structured, modern code adhering to best practices.

## **Leadership / Extracurricular**

### **GDSC FrontEnd**

*Damanhour*

#### **Instructor**

- As a frontend instructor, skillfully communicate intricate concepts in React.js and Redux Toolkit to help learners grasp them thoroughly and ignite a love for creating dynamic user interfaces.
- Motivate students with your creative teaching approaches, using real-world scenarios and hands-on activities to empower them to thrive in frontend development, providing them with the necessary skills for a successful career in the field.

### **MBD BackEnd**

Remote

#### **Instructor**

- A Syrian academy startup that assists students in learning development and engineering technology
- Responsible for teaching them backend technologies such as Node.js, Express.js, MongoDB, and Mongoose

## **Education**

Damanhour University: Faculty of Computer Science and Information Technology has a GPA of 3.25.

Back End Diploma (Route Academy)

[diplay](#)