

# MOAZ RYHAN

## Full Stack Developer (MERN)

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Junior MERN Stack Developer with a strong focus on backend development, specializing in building robust APIs, managing databases, and optimizing server performance. seeking a role where I can contribute to innovative, currently enhancing my skills in DSA, microservices

## PROJECTS

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### LuckyBank – Online Banking System:

**Skills:** TypeScript, Node.js, Express.js, Sequelize, MySQL, Socket.IO, JWT, Bcrypt, csrf, dotenv, crypto, cookie-parser

**Description:** Developed a secure and scalable online banking system with user authentication, account management, session handling, real-time money transfers using Socket.IO, and CSRF protection. Implemented password hashing, session-based login with multi-device limits, and secure token workflows for password reset and email verification.

### Saraha App:

**Skills:** MongoDB, Express.js, Node.js, JWT

**Description:** Developed an anonymous messaging app with Database integration for storing user messages. Secure API endpoints using JWT for authentication and authorization. Token-based features, such as user login sessions, secure data exchange, and role-based access control.

### Blog App:

**Skills:** MySQL, Express.js, Node.js, mysql2, dotenv, crypto, crypto-js

**Description:** Created a blog platform with user authentication, CRUD operations, and SQL database integration for managing posts.

### E-commerce App:

**Skills:** React, Redux, Tailwind, Axios

**Description:** Built a responsive e-commerce platform with product filters, cart management, and secure checkout functionality.

### Social Media App:

**Skills:** Next.js, Tailwind, Formik, Axios

**Description:** Developed a real-time social media app featuring user profiles, post creation, and live updates using server-side rendering.

## SKILLS

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**Backend Skills:** Node.js | Nest.js | Express.js | MongoDB | MySQL | REST API | TypeScript | OOP | Authentication | Authorization | JWT | Helmet | CORS | RateLimit | Sequelize | GraphQL | Socket.io | Nodemailer | SendGrid | Jest

**Frontend Skills:** HTML5 | CSS3 | JavaScript | SCSS | React.js | Next.js | Axios | Formik | Redux | Tailwind | Bootstrap

**General Skills:** Git/GitHub | Version Control | Error Handling | Debugging | Solid principle | Design patterns | Agile methodology | responsive design | testing (Jest, Postman).

**Soft Skills:** Problem-solving | communication | collaboration | adaptability | time management | attention to detail | critical thinking | self-motivation | empathy | accountability.

## COURSES

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Full stack Development Diploma (MERN)

Route Academy (Feb 2024 - Apr 2025)

## LANGUAGES

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English (Fluent)

Arabic (Native Speaker)

## EDUCATION

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Bachelor of law at Cairo University

(Oct 2020 - Aug 2024)