Moaz Ryhan

Back-End Developer (Node.js)

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SUMMARY

Junior **Back-End Node.js Developer** with strong experience in designing REST APIs, managing relational and NoSQL databases, and implementing secure authentication systems. Passionate about performance optimization, scalable architectures, and real-time communication systems. Currently expanding skills in microservices, event-driven architecture, and cloud deployment.

PROJECTS

LuckyBank – Online Banking System | TypeScript, Node.js, Express.js, Sequelize, MySQL, Socket.IO, JWT, Bcrypt, csurf, dotenv, crypto, cookie-parser
– Built a secure online banking platform with CSRF protection, authentication, and account management.
– Implemented real-time money transfer using Socket.IO and multi-device session control.
– Designed token workflows for password reset and email verification.

Social Media App Backend | Node.js, Express.js, MongoDB, Socket.IO, JWT, Multer, Cloudinary, GraphQL
– Developed a scalable backend for a real-time social media platform supporting authentication, user management, and role-based access control.
– Integrated Socket.IO for instant messaging and live notifications.
– Implemented image upload with Multer and Cloudinary for media storage.
– Enhanced security with Helmet, rate limiting, password hashing (bcrypt), and JWT authentication.

Saraha App | MongoDB, Express.js, Node.js, JWT
– Developed an anonymous messaging app with JWT-based authentication and role-based access control.
– Integrated MongoDB for efficient message storage and retrieval.

Blog App | MySQL, Express.js, Node.js, mysql2, dotenv, crypto
– Built a blog platform with CRUD operations, authentication, and secure password storage.

E-commerce API | Node.js, Express.js, MongoDB, JWT
– Developed backend APIs for an e-commerce system with product management, order tracking, and secure checkout.

TECHNICAL SKILLS

Backend: Node.js, Nest.js, Express.js, MongoDB, MySQL, REST API, TypeScript, OOP, Authentication & Authorization, JWT, Helmet, CORS, RateLimit, Sequelize, GraphQL, Socket.IO, Nodemailer, Jest
Frontend: HTML5, CSS3, JavaScript, React.js, Next.js, Axios, Tailwind
General: Git/GitHub, Version Control, Error Handling, Debugging, SOLID Principles, Design Patterns, Agile, Testing (Jest, Postman)
Soft Skills: Problem-Solving, Communication, Teamwork, Adaptability, Time Management, Attention to Detail

COURSES

Route Academy   Cairo, Egypt
Full Stack Development Diploma (MERN)   *Feb 2024 – Apr 2025*
– Focused on backend development, building secure and scalable applications.
– Worked with relational and NoSQL databases, authentication, and real-time communication.

LANGUAGES

English (Fluent)

Arabic (Native Speaker)

EDUCATION

Cairo University   **Cairo, Egypt**
Bachelor of Law   *Oct 2020 – Aug 2024*