Muhammad Rashed

BACKEND-FOCUSED FULL STACK ENGINEER (MERN & NESTJS)
Alexandria, Egypt

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iimuhammad.rashed@gmail.com   +(20)1010564214   LinkedIn profile

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SUMMARY

Backend-focused engineer at Merncore with 2+ years of experience building, deploying, and maintaining live production systems. Specialized in Node.js, NestJS, MongoDB, and RESTful APIs, with full ownership of backend architecture, Ubuntu server deployment, and CI/CD automation using GitHub Actions.

EXPERIENCE

Merncore – Software Development Company

Backend / Full Stack Engineer | Hybrid | 2024 – Present

- Lead backend development for production platforms across e-commerce, hospitality, and booking domains.

- Design and implement scalable APIs using **Node.js, Express.js, and NestJS**.

- Deploy, host, and maintain systems on **Ubuntu servers**.

- Implement and manage **CI/CD pipelines with GitHub Actions**.

- Maintain system reliability, performance, and uptime in production.

SELECTED PRODUCTION PROJECTS (MERNCORE)

EIA – Egyptian Institute of Alexandria | https://eia.edu.eg/

Full Website & Backend System — Next.js, NestJS, MongoDB

- Built and deployed a scalable institutional backend supporting academic operations.

- Implemented secure APIs, validation, and automated CI/CD deployment.

Sky Ville – E-Commerce Platform

Backend Architecture — Next.js, NestJS, MongoDB

- Architected with a modular e-commerce backend with products, orders, users, and admin modules.

- Designed the system for future marketplace expansion.

Qodratek100 (Saudi Arabia) | https://qodratek100.com/

Client Management & Reporting System

- Developed secure REST APIs with JWT authentication.

- Deployed and maintained the system on Ubuntu production servers.

Hexa Beach (El Alamein) | https://hexabeach.com/

Beach Booking & Reservation Platform

- Built backend logic for bookings and admin workflows.

- Managed deployment, monitoring, and system stability.

EDUCATION

Bachelor's degree in business information systems (2021 – 2025**) -** Egyptian Institute of Alexandria Academy (EIA)

Diploma in Full Stack Web Development (2022 – 2023**) -** Route Academy

SKILLS

Backend: Node.js, Express.js, NestJS, REST APIs

Database: MongoDB, Mongoose

DevOps: Ubuntu Linux, GitHub Actions (CI/CD), Nginx, PM2

Real-Time: Socket.IO

Security: JWT, RBAC

LANGUAGES

Arabic (Native) | English (Professional)