

MAHMOUD ZAINHOM MOHAMMED

Junior Back-End Developer (Node.Js)

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SUMMARY

Backend Developer (Node.js) focused on building secure, scalable RESTful APIs with Express.js, NestJS, MongoDB, and Mongoose. Experienced in clean architecture and JWT-based authentication best practices

WORK EXPERIENCE

Back-End Developer Trainee | Huma Volvo

- Developed and maintained RESTful APIs using Node.js and Express.js.
- Implemented secure JWT-based authentication and authorization.
- Designed and validated MongoDB schemas with Mongoose to ensure data integrity.
- Applied clean, modular code practices within a collaborative team environment.

KEY PROJECTS

E Commerce API | NestJS, TypeScript, MongoDB, Stripe, Cloudinary

- Built a complete backend for an online store with product, cart, and order management.
- Integrated Stripe for secure payments.
- Structured complex data relationships using Mongoose.

LinkSphere (Social Media) | TypeScript, Node.js, Cloudinary, Socket.io, MongoDB

- Developed a social platform with user posts, comments, and real-time chat.
- Focused on modular architecture and JWT-based secure session management.

Travel Platform Backend | TypeScript, Node.js, MongoDB, Stripe, Cloudinary

- Built a scalable, secure backend for an all-in-one travel platform with tour, hotel, and car booking modules.
- Integrated Stripe payments and cloud asset management.
- Leveraged geospatial MongoDB features and followed Zod validation and security best practices.

EDUCATION & CERTIFICATIONS

Backend Development Diploma (Node.js) | Route Training Center

11/2025

- Focused on server-side programming with Node.js & Express.js, MongoDB integration, JWT authentication, and scalable RESTful API development.

Frontend Development Diploma | Route Training Center

03/2025

- Studied HTML, CSS, JavaScript (ES6+), Bootstrap, Tailwind, MUI, React.js.
- Built responsive interfaces and gained introductory Next.js experience.

Programming Fundamentals Diploma | Route Training Center

04/2024

- Built a foundation in C++, OOP, data structures, and algorithms.
- Applied practical projects and design patterns

Diploma Of Computer Science | IDEAL Center for Computer & Advanced Technology - Very Good

05/2024

- Gained a foundation in software development, databases, and basic algorithms.

SKILLS

Backend & Server	Tools & Practices	Advanced / Differentiators
Node.js, Express.js, NestJS	Git & GitHub, VS Code, Clean Code, Modular Architecture, Zod Validation, Unit Testing & Debugging	JWT Authentication & Authorization, MongoDB (Mongoose, Geospatial), Socket.io (Real-time), Stripe Payments, Cloudinary, Security Best Practices, Scalable Architecture