

# Ziad Sharara

## NodeJS Backend Developer

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### Summary

Backend Software Engineer with strong expertise in Node.js and NestJS, and additional experience in .NET and Spring Boot. Skilled in designing and developing scalable, user-centric backend solutions while maintaining clean architecture and best practices. Adaptable to diverse technologies and committed to continuous learning and professional growth.

### Skills

**Languages:** Java, C#, JavaScript, TypeScript, HTML, CSS

**Frameworks:** Spring Boot, .NET, Node.js, ExpressJS, NestJs

**Databases:** SQL Server, MySQL, PostgreSQL MongoDB

**Tools:** Git, Postman, Docker, REST APIs, CI/CD

**Principles & Practices:** SOLID, Clean Architecture, Microservices, Unit Testing

### Experience

- *Node.js/NestJS Backend Developer – Certified IT Consultants CIC* Aug 2025 – Present

Designing, developing, and maintaining backend services using Node.js and NestJS to deliver scalable, high-performance APIs. Collaborating with cross-functional teams to implement business requirements and ensure seamless integration with frontend applications. Experienced in building RESTful APIs, managing databases, writing unit tests, and optimizing backend performance while applying Clean Architecture and SOLID principles in Agile environments.

### Projects

- *Happy Shop – Scalable E-Commerce API* Node.js | Express.js | MongoDB | JWT | Paymob [GitHub](#)

Designed and implemented a production-ready modular backend for a scalable e-commerce platform with 30+ RESTful APIs. Integrated Paymob payment gateway, coupon system, product reviews, and advanced cart/wishlist features. Added image handling using Sharp and implemented authentication with JWT and RBAC for role-based access control. Applied clean architecture principles, centralized error handling, and data sanitization to ensure maintainability and security. Deployed on Railway with environment-based configuration, ensuring smooth CI/CD workflow and cloud readiness.

- *Ibtessama – Dental Clinic Management API* Node.js | Express.js | MongoDB | JWT [GitHub](#)

Engineered a backend system for dental clinic operations covering patient records, appointment scheduling, and workflow automation. Implemented multi-role access with JWT authentication, modular architecture, and performance optimizations, ensuring scalability and readiness for frontend integration and real-time features.

- *NGL Clone – Anonymous Messaging Platform API* Express.js | MongoDB | OAuth [GitHub](#)

Developed a secure and scalable backend powering an anonymous messaging platform. Integrated Google/Twitter OAuth for social authentication alongside JWT-based session security. Implemented encrypted message storage, email notifications, and password hashing using bcrypt for enhanced data protection. Followed modular and clean code principles for performance and maintainability, ensuring seamless integration with a React-based frontend. Incorporated robust error handling and input validation for an optimized and safe user experience.

### Education

- *Ain Shams University, Faculty of Commerce (English Section)* 2022 – present

- *Digital Egypt Pioneers Initiative (.NET Track)* [\[Certificate\]](#) Oct 2024 – May 2025

Completed 600+ hours of training in ASP.NET Core MVC, Web API, Entity Framework, and Clean Architecture. Built a full-stack Online Bookstore with SQL Server, gaining practical backend and frontend experience, along with training in Business English and freelancing fundamentals.