

Ziad Sharara

Backend Developer

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Summary

Back-end Developer with practical experience building scalable APIs and server-side systems using Node.js and Express.js, backed by real-world projects. Skilled in working with both relational and NoSQL databases, including MySQL and MongoDB. Comfortable with Git workflows and deploying backend applications on platforms like Render and Railway. Currently expanding into Laravel, with a strong ability to quickly adapt to new tools and back-end technologies. Passionate about writing clean, maintainable code and delivering production-ready solutions.

Projects

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

Developed a scalable and modular e-commerce backend using Node.js, Express.js, and MongoDB. The system includes over 30 RESTful APIs supporting full CRUD operations, authentication with JWT and role-based access control (RBAC), and integration with both Stripe and Paymob for secure online payments. Key features include image upload, cart and wishlist management, coupon handling, customer reviews, and order processing. Emphasized clean code practices with robust validation, security, and error handling. Successfully deployed the application to Railway.

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

Developed the backend of a full-stack digital platform for managing dental clinic operations, built with a clean modular architecture using Node.js, Express.js, and MongoDB. Implemented scalable RESTful APIs supporting appointment scheduling, detailed patient profiles, treatment history, and clinical workflows. Designed a robust role-based access control (RBAC) system for Admins, Doctors, and Receptionists, along with JWT-based authentication and middleware for secure route protection.

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

Developed the backend of an anonymous messaging platform inspired by NGL, using Node.js, Express.js, and MongoDB. Built secure and scalable RESTful APIs with JWT-based authentication and social OAuth via Passport.js (Google and Twitter). Integrated encrypted message handling with bcrypt, role-based access control, session management, and automated email notifications using Nodemailer. Applied strong validation, error handling, and followed clean architecture principles for scalability and security.

Education

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

A prestigious government-sponsored program by the Ministry of Communications and Information Technology (MCIT) designed to develop youth with advanced technical and professional skills.

- Completed 600+ hours of intensive training in .NET technologies: ASP.NET Core MVC, Web API, Entity Framework, and clean architecture principles
- Gained hands-on experience in Business English, Soft Skills, and Freelancing essentials
- Led a team as the Team Leader during the graduation project phase, managing tasks and guiding peers effectively
- Delivered a full-stack Online Bookstore project using ASP.NET Core MVC and SQL Server, supporting 1,000+ book listings

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

Skills

Technical Skills: JavaScript (ES6+), TypeScript, Node.js, Express.js, Nest.js, MongoDB, SQL Server, MySQL, HTML5, CSS3, OOP, Git, GitHub, Postman

Languages

Arabic: Native

English: Professional Working Proficiency