

Ziad Sharara

Backend Developer

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Summary

Back-end Developer with hands-on experience in building scalable server-side applications using Node.js, Express.js, and NestJS. Proficient in MongoDB, SQL/MySQL, and RESTful API development. Experienced with Git/GitHub and deploying apps on platforms like Render and Railway. Strong team player with a focus on clean code and adaptability to new tech stacks.

Projects

- **Happy Shop – Scalable E-Commerce API** Node.js | Express.js | MongoDB | Stripe GitHub

- Built a modular e-commerce backend using Node.js, Express.js, and MongoDB
- Developed 30+ RESTful APIs with full CRUD, auth (JWT + RBAC), and Stripe payments
- Integrated image upload, cart, wishlist, coupons, reviews, and order management
- Ensured best practices in validation, security, error handling, and deployed to Heroku
- Integrated Stripe API for secure online payment processing

- **Ibtessama – Dental Clinic Management API** Node.js | Express.js | MongoDB GitHub

Developed the backend for a full-stack, digital platform built to streamline dental clinic operations, with a focus on modular, scalable backend services supporting appointments, patients, user roles, and clinical workflows.

- Built scalable RESTful APIs using Node.js and Express with a clean modular architecture
- Designed and implemented role-based access control (RBAC) for Admin, Doctor, and Receptionist
- Developed appointment scheduling with detailed patient profiles and treatment history
- Applied JWT-based authentication and middleware for route protection

- **NGL-Clone – Anonymous Messaging Platform API** Node.js | Express.js | MongoDB GitHub

Backend for an anonymous messaging platform inspired by NGL, focusing on secure communication, modern authentication, and encrypted message handling with a scalable architecture.

- Developed RESTful API with full JWT and Passport.js auth (Google and Twitter OAuth)
- Implemented secure, encrypted message storage using bcrypt and environment configs
- Designed role-based access, session handling, and email notifications (Nodemailer)
- Followed modular, clean architecture principles for scalability and easy integration
- Ensured strong validation, error handling, and API security best practices

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