Ziad Sharara

Java Backend Developer

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Summary

Java Backend Developer with expertise in Spring Boot, and solid hands-on experience in backend development using Node.js and .NET. Previously contributed to SAP Fiori/UI5 applications with OData services, complementing my backend expertise. Comfortable working across diverse technologies, quickly adapting to new environments, and delivering scalable, user-centric solutions while maintaining clean architecture, best practices, and a strong commitment to continuous learning.

Skills

Languages: Java, C#, JavaScript, TypeScript, HTML, CSS
Frameworks: Spring Boot, .NET, Node.js, Express.js
Databases: SQL Server, MySQL, MongoDB
Tools: Git, Postman, Docker, REST APIs, CI/CD
Principles & Practices: SOLID, Clean Architecture, Microservices, Unit Testing

Experience

- Java Backend Developer – Certified IT Consultants CIC   Aug 2025 – Present

Designing, developing, and maintaining backend services using Java and Spring Boot to deliver scalable, high-performance APIs. Collaborating with cross-functional teams to define and implement business requirements, ensuring seamless integration with frontend clients. Implementing RESTful APIs, database interactions, and unit testing; optimizing backend performance and applying clean architecture and SOLID principles in an Agile environment. **Skills:** Java, Spring Boot, RESTful APIs, MySQL, MongoDB, Unit Testing, Clean Architecture, SOLID, Git.

- IT Support Specialist (Intern) – OUD "Orientals for Urban Development"   Jul 2025 – Aug 2025

Completed a one-month IT Support internship, managing various technical tasks independently, including troubleshooting, system configuration, and basic network security management. Gained hands-on experience with Windows Server environments, firewalls, and IT services while developing strong communication and problem-solving skills. **Skills:** Technical Support, IT Services, Windows Server, Firewalls.

Projects

- Enterprise Employee Management System – SAP Fiori App *SAP UI5 | Fiori | MVC*   GitHub

Developed an employee directory application based on SAP Fiori 3.0 principles, implementing full CRUD operations, dynamic routing, and client-side validation. Integrated internationalization (i18n), responsive layouts, and real-time data interaction using SAPUI5 and OData. Optimized performance with efficient data binding, lazy loading, and reusable components, delivering a scalable solution in an Agile environment.

- 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.

- Ibtesama – 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 intensive training in ASP.NET Core MVC, Web API, Entity Framework, and Clean Architecture. Gained practical experience by building a full-stack Online Bookstore application with SQL Server, covering both backend and frontend implementation. The program also included training in Business English and freelancing fundamentals, strengthening both technical and professional skills.

Languages

Arabic: Native
English: Professional Working Proficiency