Eslam Ahmed

.NET Backend Developer — ASP.NET Core API Developer

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Professional Summary

Results-driven .NET Backend Developer with 3+ years of experience building, enhancing, and maintaining scalable web applications using ASP.NET Core and related Microsoft technologies. Strong background in RESTful API development, backend architecture, performance optimization, and enterprise business systems. Proven ability to translate business needs into reliable technical solutions, improve code quality, and support production environments with clean, maintainable implementations.

Experience

Software Developer (.NET)   June 2024 – Present

Euro Assist   *Egypt*

- Delivered continuous enhancements to enterprise CRM and ERP systems in live production environments.
- Translated business requirements into scalable backend solutions using ASP.NET Core.
- Designed and implemented RESTful APIs for business modules, integrations, and internal workflows.
- Resolved defects, introduced feature improvements, and strengthened platform stability with minimal disruption.
- Improved application performance and maintainability by applying Clean Architecture principles and development best practices.
- Collaborated with cross-functional teams to deliver dependable technical solutions aligned with operational goals.
- Supported business-critical systems across full-time and part-time service periods.

Backend & Programming Instructor   June 2024 – March 2025

Middleware Academy   *Egypt*

- Delivered structured instruction in C++ fundamentals and .NET backend development to students in technical training programs.
- Taught core programming concepts including variables, control structures, functions, OOP, and problem-solving techniques.
- Strengthened learners' logical thinking and algorithmic skills through practical exercises and applied examples.
- Instructed students in ASP.NET Core, Web APIs, MVC, Entity Framework, LINQ, and database integration.
- Guided learners in building real-world backend projects with emphasis on clean code and sound software design.
- Reviewed code, provided technical feedback, and shared architectural guidance to improve implementation quality.

Projects

Enterprise Projects

Accounting & Finance System

- ERP module in a live production environment supporting financial transactions, ledgers, journals, and reporting workflows.
- Implemented core accounting workflows including sales invoices, purchase invoices, general ledger entries, and financial postings.
- Improved system accuracy, performance, and data consistency across critical financial operations.
- Handled continuous business-driven enhancements and change requests.
- Collaborated with stakeholders to translate accounting requirements into scalable backend solutions.

Medical Insurance CRM

- Production CRM system for managing insured patients and tracking treatment lifecycle across medical and insurance workflows.
- Implemented core features for patient registration, policy management, coverage validation, and claims tracking.
- Developed workflows to monitor patient status, doctor visits, and medical follow-ups.

- Handled treatment cost calculations and ensured accurate billing based on coverage and completed services.
- Expanded and maintained backend services for medical, insurance, and financial operations.

Horus ERP System
- Integrated ERP platform covering inventory, production workflows, quality control, and HR management in a production environment.
- Implemented backend logic for stock tracking, production processes, and operational data consistency.
- Handled complex business rules across multiple modules within the same system.
- Collaborated with the team to improve system reliability, maintainability, and scalability.

Roadside Assistance Platform
- Business-critical production system supporting core roadside assistance operations and partner integrations.
- Implemented new and sensitive backend functionalities to support operational requirements.
- Developed and maintained secure APIs for internal services and external partner connectivity.
- Handled data integration and synchronization between internal systems and external companies.
- Ensured data accuracy, integrity, and stability through continuous updates and improvements.

Personal & Academic Projects

Electronic Mind of Alzheimer Patient
- Graduation project focused on assisting elderly individuals through technology-driven memory support workflows.
- Led the design and development of backend services using ASP.NET Core Web APIs.
- Designed system architecture with strong focus on scalability, maintainability, and extensibility.

El Burhan Academy
- Education platform for Quran, Islamic studies, and Arabic language learning.
- Developed a full web application with ASP.NET Core APIs and JWT-based authentication.
- Integrated backend services with a React frontend to deliver a complete end-to-end solution.
- Deployed the application on Microsoft Azure with focus on security, stability, and service reliability.

Education

Bachelor of Computer Science

El Shorouk Academy   *Grade: Good*

Technical Skills

- **Programming Languages:** C#, C++, JavaScript, HTML, CSS

- **Backend Development:** ASP.NET Core, ASP.NET MVC, RESTful APIs, SignalR, WebSockets

- **Data Access & ORM:** Entity Framework, LINQ

- **Database Technologies:** Microsoft SQL Server, DBMS

- **Software Engineering:** OOP, SOLID Principles, Clean Code, Clean Architecture, Design Patterns, SDLC

- **Core Computer Science:** Data Structures, Algorithms

- **Tools & Platforms:** Git, GitHub, JWT Authentication, Microsoft Azure

Soft Skills

Problem-Solving	Leadership	Planning
Time Management	Public Speaking	Teamwork
Fast Learning	Communication	Mentoring
Adaptability		