

Ahmed Ashraf El-Sayed

.NET Backend Developer

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Professional Summary

Passionate .NET Backend Developer with hands-on experience building scalable Web APIs and MVC applications using ASP.NET Core, EF Core, and SQL Server. Strong understanding of SOLID principles, CQRS, and clean architecture. Skilled in problem-solving, communication, and team collaboration. Focused on performance optimization, clean code practices, and delivering production-ready backend systems.

Skills

Backend Development: ASP.NET Core, Web APIs, MVC, Entity Framework Core, LINQ, Clean Architecture, CQRS (MediatR), Repository Pattern, Unit of Work, SOLID Principles, OOP, Design Patterns, AutoMapper, FluentValidation, JWT Authentication, REST APIs.

Advanced Features: Caching, Compiled Queries, Background Services, Health Checks, Response Compression, Rate Limiting, Soft Delete, Pagination, Swagger / XML Documentation, Stripe Test Payments, API Security.

Databases: SQL Server, T-SQL, Indexing, Stored Procedures, Query Optimization, Database Design, Migrations.

DevOps & Testing: Docker, GitHub Actions (CI/CD), Unit Testing, Integration Testing, Environment-Based Configuration.

Tools: Git, GitHub, Serilog, Postman, Swagger UI.

Soft Skills: Problem-Solving, Communication, Teamwork, Time Management, Adaptability.

Projects

Hotel Booking API

Backend Developer

ASP.NET Core 8, Clean Architecture, CQRS, EF Core, SQL Server, JWT, FluentValidation, AutoMapper, Serilog, Docker, Stripe

- Designed and built a modular booking system with hotel, room, booking, review, payment and user management using clean architecture and CQRS patterns.
- Implemented JWT authentication, role-based authorization, FluentValidation, and global exception handling to ensure secure and reliable API behavior.
- Leveraged AutoMapper for clean DTO mapping and EF Core for optimized data access with compiled queries.
- Improved performance via caching, response compression, and rate limiting to deliver consistent, high-speed responses.
- Integrated Stripe test payments, structured logging (Serilog), and automated CI pipelines using Docker & GitHub Actions.

E-Commerce Platform

Backend Developer

ASP.NET Core MVC, EF Core, SQL Server, Identity, Serilog

- Built a complete e-commerce backend with products, offers, categories, cart, checkout, wishlist, and order modules using a clean MVC architecture.
- Implemented ASP.NET Identity with email confirmation, roles, secure session management, and user activity tracking across the system.
- Developed the full checkout flow including invoice generation, stock updates, notifications, and payment workflow integration.
- Developed an admin dashboard with sales metrics, inventory analytics, and order monitoring for real-time business insights.
- Applied structured logging (Serilog), server-side validation, error handling, and optimized EF Core queries for consistent performance.

Education

Tanta University

Tanta, Egypt

Bachelor of Computer Science and Information Technology

2023 – 2027 (Expected)

GPA: 3.5 / 4.0