Mohye El-din Elsayed

Back End Developer

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Summary

Aspiring backend developer with foundational experience in ASP.NET and C#. Currently building skills in designing and developing server-side applications. Knowledgeable in database management, API integration, and enhancing application functionality. Focused on writing clean, efficient, and maintainable code while optimizing server-side performance. Enthusiastic about learning new technologies, improving development practices, and collaborating with front-end teams to create seamless full-stack solutions. Committed to continuous growth and staying up-to-date with the latest backend development trends.

Education

License of Law
Faculty of Law - Alexandria University

Experience :

Elbeisy Pharmacy
Feb 2020 – Present

Inventory and Stock Control Team Leader
- Leading the total inventory team, managing pharmacy and warehouse stock.
- Reviewing balances with the system and ensuring accurate records.
- Calculating deficit and surplus rates to maintain optimal stock levels.

Aldawaa Pharmacies
Oct 2019 – Jan 2020 (4 mos)

Responsible for the Expired Medicine Recycling Department
- Oversaw the collection and disposal of expired medications.
- Ensured compliance with pharmaceutical waste management regulations.
- Coordinated with relevant authorities to maintain safety standards.

Abou Zeyada Pharmacies
Oct 2018 – Sep 2019 (1 yr)

Responsible for the Expired Medicine Recycling Department
- Supervised the proper disposal process of expired medicines.
- Maintained records and reported on expired stock for regulatory purposes.
- Implemented procedures to minimize medicine waste

Mahfouz Pharmacy
Nov 2017 – Oct 2018 (1 yr)

Data Entry
- Accurately entered pharmaceutical inventory and sales data.
- Maintained organized digital and physical records.

Projects :

Skinet – E-Commerce Web App
Repository **Link**

An advanced full-stack e-commerce platform developed using ASP.NET Core Web API and Angular. The application supports product browsing, shopping cart, secure checkout with Stripe, and user authentication with JWT and Google OAuth2. It follows best practices in software architecture, including the use of Repository and Unit of Work patterns, Redis caching, and Specification pattern.

Technologies:

- Backend: ASP.NET Core 7, Entity Framework Core, SQL Server, Redis, Stripe
- Frontend: Angular 18, SCSS, Bootstrap, RxJS
- Authentication: JWT,
- Tools: Swagger, Docker, MiniProfiler, Serilog, mkcert

Key Features:

- Product listing, filtering, pagination, and sorting
- Secure login, refresh tokens, and third-party auth
- Stripe integration for payment processing
- Admin-level product management
- Health checks and logging

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BulkyWeb – Admin Dashboard & Inventory System

Repository: Link

A robust admin dashboard built with ASP.NET Core MVC using N-Tier architecture and Entity Framework Core. The application includes complete CRUD operations for managing products, categories, and companies, along with user authentication, role-based access, and a responsive Bootstrap UI.

Technologies:

- Backend: ASP.NET Core MVC 7, EF Core, SQL Server
- UI: Bootstrap 5, SweetAlert2, Toastr
- Architecture: N-Tier, Repository Pattern, Unit of Work
- Authentication: ASP.NET Identity with role management

Key Features:

- CRUD operations for categories, products, and users
- Role-based access control (Admin/User)
- Clean separation of concerns via layered architecture
- Database migrations and seeding with EF Core
- UI alerts and validation with SweetAlert2 and Toastr

Language

- **Arabic:** Mother Tongue
- **English:** Good

Soft Skills

- Strong communication skills
- Team player
- Leadership abilities
- Creative thinker

Technical Skills

Frameworks
- ASP.NET Core
- ASP.NET MVC
- ASP.NET Web API

Programming Language
- C#
- C++
- JavaScript

APIs
- RESTful APIs

Version Control
- Git
- GitHub

Performance Optimization
- Code splitting
- Lazy loading
- Eager loading
- Caching Strategie

Software Skills
- OOP
- Design Pattern
- Dependency injection
- Solid Principles
- Security Best Practices (e.g., Authentication, Authorization, Data Protection)

Libraries
- Entity Framework Core
- AutoMapper
- Serilog (for logging)

Tools
- Visual Studio Code
- JetBrains Rider
- Postman
- Swagger(OpenAPI)

Additional Technologies
- Redis (for caching)
- Express
- Sequelize
- MongoDB
- Docker