

Omar Mohamed Hashem

Software Engineer | .NET Developer

📍 Cairo, Egypt

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Summary

Junior .NET Software Engineer with hands-on backend experience in C#, ASP.NET Core, and SQL Server. Contributed to company and e-commerce projects, building robust APIs and scalable backend solutions. Passionate about clean code, OOP, and delivering efficient software.

Education

Bachelor's Degree in Computer Science

Sep 2019 – Jun 2023

Shorouk Academy - Higher Institute for Computers & Information

- **Relevant Coursework:** Software Engineering, Web Programming, Data Structures & Algorithms
- **Location:** Cairo, Egypt
- **Overall Grade:** Good

Skills

- **Programming Languages:** C#, SQL, HTML, CSS
- **Frameworks & Technologies:** ASP.NET Core, .NET 8/9, Entity Framework, RESTful APIs
- **Database Management:** SQL Server, T-SQL, Stored Procedures, Views, Triggers, Redis (Caching)
- **Architecture & Design:** OOP, SOLID Principles, Design Patterns, Clean Code, Backend Architecture, Microservices (basic)
- **Tools & Platforms:** Visual Studio, Git/GitHub, Postman, Agile Methodology
- **Other Skills:** Debugging, Unit Testing, Problem Solving

Projects

Company Internal System (MVC Project, 3-Tier Architecture)

GitHub: <https://github.com/Omarhashem-ui/Company>

- Backend using C#, ASP.NET MVC, Entity Framework (Presentation, Business, Data layers)
- CRUD for Users, Departments, Employees, Roles
- Auth features: Login, Register, Forgot Password
- Focused on clean and maintainable code

E-Commerce Store (API Project, Onion Architecture)

GitHub: <https://github.com/Omarhashem-ui/Store>

- Backend API using C#, ASP.NET Core, Onion Architecture
- Modules: Products, Orders, Identity Users, Basket, Payment Methods, Caching
- Payment Integration with Stripe
- Auth: JWT Tokens
- Repository, Unit of Work, Specification Pattern
- Product Queries: Pagination, Filtering, Sorting, Search
- Global Error Handling for reliability

Certificates

- Route Academy – .NET Development Certificate