**Abdalrhman Gamal Hosny**

+201040313631 | Cairo, Egypt | [abdalrhmangamal.dev@gmail.com](mailto:abdalrhmangamal.dev@gmail.com) |LinkedIn: [linkedin.com/in/abdalrhman-gamal](https://www.linkedin.com/in/abdalrhman-gamal) | GitHub: [github.com/abdalrhman80](https://www.github.com/abdalrhman80) | Portfolio: [abdalrhman80.github.io/My-Portfolio](https://abdalrhman80.github.io/My-Portfolio)

# Profile

Junior Backend .NET Developer, Software Engineer with hands-on experience in building scalable RESTful APIs using C#, ASP.NET Core, withSQL Server. Eager to contribute to impactful projects while continuing to grow my skills in a collaborative environment.

# Technical Skills

* C#, OOP, LINQ
* Entity Framework Core
* N-tier Architecture
* Unit of Work
* HTML
* JavaScript
* ASP.NET Core (Web API, MVC)
* Clean Architecture
* CQRS , MediatR
* Specification Pattern
* CSS
* Angular
* Microsoft SQL Server
* Onion Architecture
* Repository Pattern
* Testing (Unit, Integration)
* Bootstrap
* Git, GitHub

# Experience

## Backend Developer at AfqAlryiada (Remote) Mar 2025 – May 2025

* Managed dynamic content and customized data models using the headless CMS Directus.
* Configured content schemas and API endpoints to meet project requirements.

# Projects

## Inventory Management System (API) [GitHub Repo](https://github.com/abdalrhman80/InventoryManagementSystme)

* Developed a RESTful API using ASP.NET Core 8 with Clean Architecture and CQRS (MediatR).
* Implemented inventory features: product/category management, transaction tracking, and low-stock alerts.
* Added authentication, role-based access control, and automated workflows (emails for registration, password resets, system alerts).
* **Tech Stack:** C#, ASP.NET Core 8, Clean Architecture, CQRS & MediatR, Entity Framework Core, MS SQL, ASP.NET Identity, JWT, SMTP Email Services, Serilog, Fluent Validation, AutoMapper

## E-Learning Platform (API) [GitHub Repo](https://github.com/abdalrhman80/E-Learning-Platform)

* Built a modular RESTful API with ASP.NET Core 8, following Clean Architecture principles.
* Enabled course management, content uploads, progress tracking, and automated email notifications.
* Supported authentication (traditional login, Google OAuth 2.0) and role-based access control.
* **Tech Stack**: C#, ASP.NET Core 8, Clean Architecture, Entity Framework Core, MS SQL, ASP.NET Identity, JWT, Google OAuth 2.0, SMTP Email Services, Serilog, AutoMapper

## Restaurants (API) [GitHub Repo](https://github.com/abdalrhman80/Restaurants)

* Designed a modular Web API using ASP.NET Core 8, integrating CQRS (MediatR).
* Applied layered architecture: Presentation, Application, Domain, and Infrastructure.
* Implemented unit/integration tests to ensure API reliability.
* **Tech Stack:** C#, ASP.NET Core 8, Clean Architecture, CQRS & MediatR, Entity Framework Core, MS SQL, ASP.NET Identity, JWT, Serilog, Fluent Validation, AutoMapper, xUnit

## Shopping Cart (E-commerce MVC) [GitHub Repo](https://github.com/abdalrhman80/ShoppingCartMVC) | [Demo](http://shoppingcart.runasp.net/)

* Developed an MVC app with ASP.NET Core 6 and a 3-tier architecture.
* Built Admin (management) and Customer (browsing, cart, and checkout) areas.
* Integrated Stripe for secure payments.
* **Tech Stack**: C#, ASP.NET Core 6 MVC, 3-tier Architecture, Entity Framework Core, ASP.NET Core Identity, Stripe Payment Gateway

# Education

**Bachelor’s Degree, Computer Science**

Faculty of Science, Beni-Suef University Aug 2019 – Jun 2023

# Courses

**Full Stack Diploma,** Route IT Training Center Oct 2023 – Oct 2024

# Languages

* Arabic (Native)
* English (Intermediate)

# Soft Skills

* Collaboration
* Problem Solving
* Time Management
* Critical Thinking
* Attention to Detail
* Communication