

Gamal Moemen Elbatawy

Full Stack .NET Engineer

Giza, Egypt

+20 1067611723

gamalelbatawy21@gmail.com

gamalelbatawy

GamalElbatawy

Education

Kafrelsheikh University

Faculty of Computers and Information (Computer Science).

Sep. 2021 – June. 2025

GPA: 3.3 / 4

Experience

• MKH Solutions| Full Stack Developer .NET - Blazor

August 2025 – Present

- Developed a scalable **Multi-Tenant Scheduling Application (TPSC App)**, which has 4 factors (Time, Place, Staff, Customer), using **CQRS** pattern with **MediateR**.
- Ensured data integrity with **Fluent Validation** and **Unit Tests (xUnit)**.
- Built interactive user interfaces with **Blazor** and managed backend operations using **PostgreSQL**.
- Streamlined deployment with **Docker** containers and managed CI/CD workflows in **Azure DevOps**.
- Implemented **Localization** features and handled complex **ETL** data processes.
- Gained in-depth knowledge of the **ABP Framework** and applied key **Domain-Driven Design (DDD)** concepts.

• Career 180 - Learn It | Backend Intern

September 2024 - December 2024

- Developed robust **RESTful APIs using .NET Core**, implementing CRUD operations, authentication, and API documentation with **Swagger** while following clean code principles.
- Mastered database operations through **Entity Framework Core**, including code-first migrations, complex **LINQ** queries, and optimizing **SQL Server** performance for efficient data management.
- Applied software design patterns, error handling, logging, and Git version control.

• IT Share Solutions| Full-Stack Intern

August 2023 - May 2024

- Developed and integrated **RESTful APIs and MVC using ASP.NET Core**.
- Managed SQL databases, optimizing queries and implementing CRUD operations, as well as working with Entity Framework for seamless database interaction.
- Secured applications through authentication and authorization mechanisms.
- Handled error logging and improved backend performance.
- Gained exposure to basic front-end technologies (**HTML, CSS, JavaScript**).

• Participation in the Egyptian Programming Competition (ECPC) 2022

Projects

• AOUN - Graduation Project: Transportation System| C# - Web API

GitHub Repo. June 2025

- Responsible for designing and developing the end-to-end user journey, including trip searching, listing, booking, and secure payment processing through **Stripe (Credit Card)** and **Paymob (Wallet)**.
- Built and secured **RESTful APIs** to manage user functionalities such as trip search, display, booking, and payment workflows.
- Seamlessly integrated **Stripe** and **Paymob** payment gateways with webhook-based confirmation mechanisms to guarantee secure and dependable transactions.
- Developed an **AI-driven Recommendation System** to deliver personalized trip suggestions, optimizing the user's search and booking experience.
- Integrated an **AI-powered Face Verification model** to enhance and secure user identity validation during registration, and to automate driver verification and acceptance filtering processes.

• MedConnect API| C# - Web Application

GitHub Repo.

December 2024

- Developed the System using **ASP.NET Core Web API** and **SQL Server**, ensuring high performance and data integrity.
- Designed and implemented a secure **RESTful API with JWT authentication** for managing healthcare appointments.
- Created patient features, including profile management, appointment scheduling, and medical history updates.
- Built provider tools for schedule management, secure access to patient records, and communication via notifications.
- Documented the API with **Swagger** and ensured data protection with encryption and role-based access control.

Technical Skills

Languages : C#, C++, python .

Developer Tools : Visual Studio, Microsoft SQL Server, PostgreSQL, Docker, Azure DevOps, Pycharm, VS Code , Postman , Git & GitHub.

Basics of Programming : OOP, Data structure, Algorithms, Database, Design patterns, Solid Principle.

Technology : C#, .NET, Blazor, ABP Framework, MVC, RESTful API , LINQ, Entity Framework Core, HTML, CSS, JavaScript , Jquery, Ajax