

Gamal Moemen Elbatawy

Full Stack .NET Engineer

🏠 Giza, Egypt 📞 +20 1067611723 ✉ gamalelbatawy21@gmail.com 💻 [gamalelbatawy](https://github.com/gamalelbatawy) 🌐 [GamalElbatawy](https://www.gamalelbatawy.com)

Education

Kafrelsheikh University

Sep. 2021 – June. 2025

Faculty of Computers and Information (Computer Science).

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