Youssef Mostafa Elmesedy

.NET DEVELOPER | FULL STACK DEVELOPER⎸ CLEAN ARCHITECTURES PECIALIS

Contact Information

Email: yousefelmesedy6@gmail.com **Phone:** +20 120 883 0569

LinkedIn: linkedin.com/in/yousef-el-mesedy-46b566291

GitHub: github.com/youssefelmesedy

Professional Summary

Highly motivated **.NET Full Stack Developer** proficient in building **scalable, robust systems** using **ASP.NET Core** and **Entity Framework Core**. Specialized in implementing **Clean Architecture, SOLID principles, CQRS, and Domain-Driven Design (DDD)**. Expertise includes core **Design Patterns** (Strategy, Repository, Unit of Work). Currently expanding full-stack capabilities with **Angular**, while leveraging experience in **Blazor** and **Razor Pages**. Focused on clean code and delivering business value through efficient software solutions.

Technical Skills

Back-End & Architecture

ASP.NET Core API, Identity, FastEndpoints, **SignalR**, **Clean Architecture**, **CQRS**, **DDD**, **SOLID Principles**, **gRPC**, **Redis**, FluentValidation, Localization.

Frontend

HTML, CSS, JavaScript, **TypeScript**, **Angular**, **Blazor**, **Razor Pages**.

Databases & DevOps

MSSQL, **PostgreSQL**, **Entity Framework Core**, Dapper, Git, **GitHub**, Docker (Basics), **CI/CD pipelines**, **Unit Testing** (XUnit/NUnit), Swagger.

Experience & Key Projects

Software Engineer - Freelance

Remote | January 2024 – Present

- **Delivered full-stack web applications** using **ASP.NET Core & Blazor**, applying **CQRS** and **Clean Architecture** for highly modular APIs.
- **Applied Domain-Driven Design (DDD)** principles to ensure robust domain modeling and separation of concerns.
- **Ensured system resilience** by performing **load testing using k6** and integrating structured middleware for stability.

Key GitHub Projects (All In Progress)

Projects emphasize **Clean Architecture**, **CQRS**, and design patterns for scalable solutions.

- **MarketPOS.API**: **System Architect**. Implemented multi-unit inventory models. Used **Strategy Pattern** for dynamic discounts. (Tech: ASP.NET Core, **Clean Architecture**, EF Core, CQRS) **[github.com/youssefelmesedy/MarketPOS.API]**
- **Swanie.API**: **Full Stack Lead**. Developing a social platform with role-based dashboards and **Geo-based filtering** system. (Tech: ASP.NET Core, Blazor, CQRS, Strategy Pattern) **[github.com/youssefelmesedy/Swanie.API]**
- **TaskManager**: Program for **tracking and organizing appointments**, projects, and tasks. Supports **Notification** services for alerts. **[github.com/youssefelmesedy/TaskManager]**
- **GameZone**: **Web MVC** program designed for uploading and storing compressed game files, with the ability to **share them with others**. **[github.com/youssefelmesedy/GameZone]**
- **GoTicket**: Program for booking **train and bus tickets** electronically. **[github.com/youssefelmesedy/GoTicket]**

Education

Bachelor of Computer Science *Menofia University* Bachelor's in Mathematics & Computer Science **Expected Graduation:** 2027

Languages & Future

- **Arabic:** Native
- **English:** Very Good (Written & Spoken)
- **Future Technologies:** Actively learning **Rust** for high-performance backend development.