

# MOHAMED AHMED MOSTAFA

.NET Developer

[mezo.225577@gmail.com](mailto:mezo.225577@gmail.com)

[linkedin.com/in/mohamed-ahmed-mostafa-a99511274](https://linkedin.com/in/mohamed-ahmed-mostafa-a99511274) | [github.com/meedoomostafa](https://github.com/meedoomostafa)

+20-1508019645 | Zagazig, Sharqia, Egypt

## PROFILE

Passionate 4th-year Computer Science student at Zagazig University with strong expertise in .NET development and modern software architecture patterns. Experienced in building scalable web applications using ASP.NET Core, implementing clean architecture principles, and developing RESTful APIs. Enthusiastic about problem-solving, competitive programming, and exploring cutting-edge technologies including AI and Machine Learning. Committed to writing clean, maintainable code and continuously expanding technical knowledge.

## EDUCATION

### Bachelor's in Computer Science

2022 - 2026

Faculty of Computers and Informatics, Zagazig University, Egypt

4th Year Student • GPA: 3.0/4.0 • Expected Graduation: 2026

## EXPERIENCE

### .NET Development Intern

2024

Information Technology Institute (ITI)

- Completed 150 hours intensive training in advanced .NET technologies including SQL Server, C#, Advanced C#, LINQ, and Entity Framework Core
- Implemented modern architectural patterns including N-tier architecture, Repository pattern, and Onion architecture
- Developed secure applications using JWT authentication and API consumption techniques
- Built multiple applications following clean code principles and SOLID design principles
- Gained hands-on experience with containerization using Docker and RESTful API development

## PROJECTS

### E-Commerce Web Application

2024

[github.com/meedoomostafa/E-Commerce-App](https://github.com/meedoomostafa/E-Commerce-App) | ASP.NET MVC, .NET 9, SQL Server

Developed a comprehensive e-commerce platform using ASP.NET MVC with .NET 9. Implemented modern MVC architecture with SQL Server database integration. Features include product catalog, shopping cart, user authentication, and order management with responsive web design using HTML/CSS.

### Villa Management System

2024

[github.com/meedoomostafa/Villa-Web-API](https://github.com/meedoomostafa/Villa-Web-API) | ASP.NET Web API, MVC, RESTful API

Built a full-stack villa management system with separate Web API and MVC consumer application. Implemented RESTful API architecture with proper HTTP methods and status codes. Developed MVC client application that consumes the API using modern consumption techniques. Applied Repository pattern and clean architecture principles.

### Payment System with Entity Framework Core

2024

[github.com/meedoomostafa/Payment-System](https://github.com/meedoomostafa/Payment-System) | C#, Entity Framework Core, SQL Server

Enhanced existing payment system by implementing Entity Framework Core from scratch. Designed and implemented comprehensive database schema using Code-First approach. Created complex LINQ queries for transaction processing and financial reporting. Implemented audit logging, user management, and multiple payment method support.

## SKILLS

**Programming Languages:** C#, C++, Python, Go, SQL

**Frameworks & Technologies:** .NET Core, ASP.NET MVC, ASP.NET Web API, Entity Framework Core

**Architecture & Patterns:** N-tier Architecture, Repository Pattern, Onion Architecture, SOLID Principles, OOP

**Web Technologies:** HTML, CSS, RESTful APIs, JWT Authentication

**Database & Data Access:** SQL Server, LINQ, Entity Framework Core

**Tools & Development:** Git, GitHub, Docker, JetBrains Rider, VS Code

**Core Competencies:** Data Structures, Algorithms, Problem Solving, Competitive Programming

**SOFT SKILLS**

Problem Solving • Analytical Thinking • Teamwork • Clear Communication • Quick Learning • Attention to Detail • Critical Thinking • Continuous Learning

**LANGUAGES**

**Arabic:** Native

**English:** Intermediate

**HOBBIES & INTERESTS**

Passionate chess player with 4+ years of experience, developing strategic thinking and problem-solving skills. Active in competitive programming and algorithm challenges. Enthusiastic about exploring artificial intelligence and machine learning technologies, staying current with industry trends and innovations.