

Mohamed Ahmed Mostafa

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EDUCATION

Zagazig University

Bachelor's in Computer Science, Faculty of Computers and Informatics

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

Zagazig, Sharqia, Egypt

2022 – 2026

EXPERIENCE

.NET Development Intern

2024

Information Technology Institute (ITI)

Egypt

- Completed 150 hours intensive training in advanced .NET technologies including SQL Server, C#, Advanced C#, LINQ, and Entity Framework Core, MVC

ICPC Zagazig Community Mentor

2023 – Present

Zagazig University

Egypt

- Mentored students in competitive programming and algorithm problem-solving techniques
- Certification: github.com/meedoomostafa/Resume/blob/main/Icpc-Mentoring-Certification.pdf

Programming Content Creator

2023 – Present

YouTube Channel - DarkCipher00

Remote

- Create educational programming content covering algorithms, data structures, and software development
- Channel: youtube.com/@DarkCipher00

PROJECTS

E-Commerce Web Application | github.com/meedoomostafa/E-Commerce-App | ASP.NET MVC, .NET 9, SQL Server2024

- 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

Villa Management System | github.com/meedoomostafa/Villa-Web-API | ASP.NET Web API, MVC, RESTful API2024

- 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

Payment System with EF Core | github.com/meedoomostafa/Payment-System | C#, Entity Framework Core, SQL Server2024

- 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

TECHNICAL 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

Developer Tools: Git, GitHub, Docker, JetBrains Rider, VS Code

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

LANGUAGES

Arabic: Native | **English:** Intermediate

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.