Mohamed Mahmoud Abdelaziz
Full-Stack .Net Developer | ITI Graduate | AI Researcher

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🐙 github.com/MuhamedElockly Ⓖ elocklymuhamed 🔗 Portfolio 🎖 Military Service – Completed

Profile

Full-Stack .NET Developer & AI Researcher with expertise in building high-performance **ERP systems** for Construction & HR. Skilled in optimizing large-scale databases (5M+ records), and integrating Gen-AI to automate project workflows. Proficient in React/Angular and Clean Architecture, delivering scalable solutions through the full SDLC.

Professional Experience

Procoor | Full-Stack .NET Developer (React) – Full Time   **Oct 2025 – Present | Cairo, Egypt**

- Boosted performance for large-scale databases (5M+ records) using optimized Stored Procedures and advanced Indexing.
- Developed high-speed, scalable APIs using .NET Core, focusing on code efficiency and execution speed.
- Contributed to Construction Project Management, Facility Management, and HR systems, delivering complex business logic.
- Built responsive user interfaces and interactive components using React.
- Integrated Gen-AI features to assist users in Project Management, refining chatbot logic to automate tasks and enhance the overall user experience.

Freelance | Full Stack .Net (Angular)   **May 2025 – Oct 2025 | Remote**

- Delivered web solutions by architecting RESTful APIs using .NET Core, tailored to solve client business problems.
- Conducted in-depth requirements analysis with stakeholders to define project scope and deliverables.
- Handled the deployment and delivery of applications, ensuring code quality and adherence to project timelines.

Training

ITI | Full-Stack .NET (Angular) Trainee   **March 2024 – Aug 2025 | Sharqiyah, Egypt**

- Developed enterprise applications using ASP.NET Core (MVC/APIs) and Angular with responsive UI.
- Built scalable backend systems with EF Core, LINQ, and Repository/Unit of Work patterns and Onion Architecture.

NTI | Front-End Trainee   **Dec 2024 – Jun 2025 | Sharqiyah, Egypt**

- Developed responsive websites using HTML5, CSS3, JavaScript (ES6+), and Bootstrap.

Education

Bachelor of Computers and Information, Zagazig University   **Sep 2019 – May 2023**

- Graduation Project Grade: Excellent (A+).
- GPA: 3.430 (B+)

Master of Computers and Information, Zagazig University   **Sep 2023 – Aug 2026**

- Deep Learning for Defensive Cybersecurity.

Projects

Super-Market Management System (MVC .Net Web Application) 🔗

- This system manages products, sellers, and customers and credit Customer and generates reports through a dashboard for the admin and a dashboard for the seller.
- **Technologies**: C#, MVC, Entity Framework ,N-Tier Architecture, SignalR , SQL Server, JavaScript, Css, Html, Ajax.

RideFiX-Project (API .Net Web Application ,Angular) 🔗

- This system provides solutions for drivers on highways by connecting them to technicians in the fastest way.
- **Technologies**: C#, Api, Entity Framework ,Onion Architecture, SignalR , Entity Framework, Angular, Redis , Stripe.

E-Commerce Bookstore (MVC .Net Web Abdelication) 🔗

- Developed a multi-role book sales platform with Stripe payments, cloud deployment, and role-based access control.
- **Technologies**: C#, MVC, Stripe API, Entity Framework, .Net Identity, N-Tier Architecture.

Technical Skills

Frameworks & Technologies

- C#, ASP.NET Core (MVC, RESTful APIs) ,RabbitMQ, Angular, Entity Framework Core, SignalR , XUnit ,Docker , Kubernetes, RabbitMQ, Azure DevOps, Azure Ai-Foundry.

Architecture & Patterns

- Onion Architecture, N-Tier Architecture, Repository Pattern, Generic Repository, Unit of Work, Microservices, Design Pattern.

Database

- Relational: SQL Server, MySQL.
- Non-Relational : Redis, Postgress.
- Data Access: EF Core, ADO.NET.

Frontend

- HTML, CSS, Bootstrap, JavaScript, Angular, jQuery, Ajax.

Courses Certificates

- Master C# Programming from A to Z. Dive deep into .NET, Udemy. 🔗
- The complete ASP.NET Core 9 course for busy developers, Udemy. 🔗
- .NET Core MVC - The Complete Guide 2025 [E-commerce], Udemy. 🔗

Languages

Arabic - Native   **English** - Proficient