

# Mostafa Ahmed

## Software Engineer | Full-Stack .NET Developer

### CONTACT

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### PROFILE

A passionate Full Stack .NET Developer with a solid foundation in C#, ASP.NET, HTML, CSS, JavaScript, Bootstrap, and SQL Server. Experienced in both front-end and back-end development, with some hands-on exposure to Flutter technology for building cross-platform mobile applications. Committed to writing clean, efficient and maintainable code. Continuously seeking to grow in a collaborative and dynamic team environment.

### INTERNSHIPS / TRAININGS

**Information Technology Institute (ITI)** Feb 2025 – Aug 2025

Full Stack .NET Web Development track.

Intensive Training Program (ITP), Zagazig.

**Route Academy** Oct 2024 – Apr 2025

.Net Back End Web Development track.

### EDUCATION

**Shubra Faculty of Engineering, Banha University** Sep 2019 – Jun 2024

Bachelor of Computer and Communications Engineering.

Overall Grade: 3.52 / 4, ranked 5th in class based on cumulative degree.

Graduation Project: E-Pharmacy System ([GitHub](#) – Collaborator Repo)

Developed a web and mobile application for Benha University using Spring Boot, Flutter, and React to manage prescriptions, medicine dispensing, inventory, and user roles.

- Technologies: Spring Boot, Spring Data JPA, RESTful API, PostgreSQL, Flutter, Bloc, Dart, React.js.
- Role: Developed the mobile application using Flutter and contributed to the design of the PostgreSQL database

### TECHNICAL SKILLS

- **Programming Languages:** C# (Proficient), JavaScript.
- **Backend Frameworks & Technologies:** ASP.NET Core, RESTful APIs, Entity Framework Core, SQL, SQL Server, SignalR.
- **Frameworks & Technologies:** ASP.NET Core, RESTful APIs, ASP.NET Identity, JWT Authentication, Entity Framework Core, SQL, SQL Server, SignalR
- **Frontend Technologies:** Angular, Bootstrap, HTML, CSS
- **Tools & Technologies:** Git, GitHub, Postman, Swagger.
- **Core Concepts:** Algorithms, Data Structures, Object-Oriented Programming (OOP), SOLID Principles, Agile Methodologies.

### PROJECTS

- **PetConnect – Pet Adoption & Management System (MVC: [GitHub](#) - API + Angular: [GitHub](#))**  
Collaboratively developed a complete pet adoption and care platform in multiple stages. Started with ASP.NET Core MVC, then rebuilt and extended the entire system using ASP.NET Core Web API and Angular. Features include secure authentication, admin and user dashboards, doctor appointment scheduling, real-time notifications, and live chat.
  - **Technologies:** ASP.NET Core Web API, ASP.NET Core MVC, Angular, EF Core, SQL Server, ASP.NET Identity, SignalR, AutoMapper, Bootstrap, Repository & Unit of Work Pattern, 3-Tier Architecture.
- **Company Management System (MVC) ([GitHub](#))**  
Built a structured ASP.NET Core MVC application with layered architecture to manage employees and departments, including authentication, role-based access, and image-upload-enabled CRUD operations.
  - **Technologies :**ASP.NET Core MVC, Entity Framework Core, SQL Server, ASP.NET Identity, Auto Mapper, Razor Views, Dependency Injection, Repository & Unit of Work Patterns.
- **Order Management System ([GitHub](#))**  
Developed a RESTful ASP.NET Core Web API for managing products, orders, invoices, and customers with role-based access and JWT authentication. Implemented business logic like stock validation, tiered discounts, and email notifications.
  - **Technologies:** ASP.NET Core, Entity Framework Core, SQL Server, JWT, Identity, Swagger.

### Languages

- **Arabic — Native** | **English — Proficient**