

MOHAMED EBRAHIM

FULL STACK .NET DEVELOPER | ANGULAR | ASP.NET CORE | SQL SERVER

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PROFESSIONAL SUMMARY

Full Stack .NET Developer with 2 years of professional experience building Angular interfaces, ASP.NET Core Web APIs, and SQL Server-backed business systems. Built the CityClub Services module from scratch, delivering Angular CRUD workflows, backend business rules, REST API integration, and cross-module functionality. Skilled in C#, TypeScript, .NET 8, .NET 10, Entity Framework Core, LINQ, layered architecture, and SQL data validation.

TECHNICAL SKILLS

Programming: C#, TypeScript, JavaScript, SQL, Object-Oriented Programming (OOP)

Frontend: Angular, HTML5, CSS3, Bootstrap, responsive UI, CRUD workflows, image uploads, REST API integration

Backend: .NET 8, .NET 10, ASP.NET Core, Web API, ASP.NET MVC, RESTful APIs, Entity Framework Core, LINQ, ADO.NET

Database: Microsoft SQL Server, relational schema design, ERD, data mapping, migrations, data integrity validation

Architecture and Security: Clean Architecture, layered architecture, SOLID, Dependency Injection, Repository, Unit of Work, JWT, ASP.NET Core Identity

Tools: Git, GitHub, Swagger/OpenAPI, Visual Studio, API documentation

PROFESSIONAL EXPERIENCE

Full Stack Developer

AI Mostakbal Technology

Sep 2024 - Present

- Develop and maintain Angular user interfaces, ASP.NET Core Web APIs, and SQL Server-backed features for the CityClub Sports Management System.
- Designed and built the Services module from scratch, including governorate, city, district, and club lookups linked to service categories and services.
- Implemented category and service availability rules plus create, save, search, filter, sort, and payment-related workflows.
- Built Angular CRUD, image-upload, and popup workflows and integrated them with RESTful backend endpoints.
- Wrote SQL Server queries to validate legacy data, investigate cross-module issues, support schema changes, and add business-required properties.
- Collaborate with Membership, Installments, Sports Management, Payment, and other teams; document API behavior for cross-module delivery.

.NET Backend Developer Intern

AI Mostakbal Technology

Aug 2023 - Oct 2023

- Built server-side features with ASP.NET Core and Microsoft SQL Server during a three-month backend development internship.
- Practiced relational database design, data processing, data integrity, and RESTful web application development using Microsoft technologies.

SELECTED PROJECTS

OCR National ID Extraction System

Technologies: Angular, TypeScript, ASP.NET Core Web API, C#, SQL Server, Entity Framework Core, Python OCR service

- Built an Angular interface and ASP.NET Core APIs for uploading Egyptian national ID images, sending OCR requests to a Python service, and managing extracted structured data.
- Stored names, national numbers, addresses, gender, profession, and expiry data in SQL Server through Entity Framework Core.

Patient Face Recognition System

Technologies: Angular, TypeScript, ASP.NET Core Web API, C#, SQL Server, Entity Framework Core, Python face-recognition service

- Built Angular screens and ASP.NET Core APIs for patient management, image uploads, recognition requests, and Python service integration.
- Stored patient profiles and recognition data in SQL Server to support patient lookup and reduce manual searching during registration.

Project and Task Management API

Technologies: ASP.NET Core Web API, C#, SQL Server, Entity Framework Core, ASP.NET Core Identity, JWT, Swagger

- Built a Clean Architecture API for projects and tasks per authenticated user, including CRUD, task status updates, DTO validation, and global exception handling.
- Implemented JWT authentication, database migrations, dependency injection, and Swagger-based API testing.

EDUCATION

Bachelor of Engineering (BEng), Computer Engineering

Badr University in Cairo

Sep 2019 - Jun 2024

Graduation Project: Smart Vending Machine - Object Detection Using YOLO (Grade: A+)

- Led the team and coordinated dataset preparation, CNN/YOLO model training, performance evaluation, version control, and milestone delivery using Python and Raspberry Pi.

PROFESSIONAL TRAINING

.NET Backend Development Program

Route Academy

Jul 2026 - Present

- Completed C# fundamentals, OOP, and Advanced C#; currently studying database design, ERD mapping, relational schema creation, and e-commerce backend development.

LANGUAGES

Arabic: Native | English: Excellent