

# MOHAMED EBRAHIM

## .NET BACKEND & SQL DEVELOPER

Cairo, Egypt | +20 104 190 7184 | [mohamed.khalil37477@gmail.com](mailto:mohamed.khalil37477@gmail.com)

LinkedIn: [linkedin.com/in/mohamed-ebrahim-325a83191](https://www.linkedin.com/in/mohamed-ebrahim-325a83191) | GitHub: [github.com/MoEbrahim001](https://github.com/MoEbrahim001)

### PROFESSIONAL SUMMARY

---

.NET Backend and SQL Developer with 2 years of professional experience building ASP.NET Core Web APIs and SQL Server-backed business modules. Built the CityClub Services module from scratch, implementing business rules, lookup structures, CRUD workflows, data validation, and integrations with Membership, Installments, Sports Management, and Payment modules. Skilled in C#, .NET 8, .NET 10, Entity Framework Core, LINQ, RESTful APIs, SQL Server, schema changes, and legacy-data validation.

### TECHNICAL SKILLS

---

**Core:** C#, SQL, .NET 8, .NET 10, ASP.NET Core Web API, RESTful APIs, LINQ, Object-Oriented Programming (OOP)

**Database:** Microsoft SQL Server, Entity Framework Core, database migrations, Entity-Relationship Diagrams (ERDs), relational mapping, schema design, data-integrity validation

**Architecture:** Clean Architecture, layered architecture, Repository Pattern, Unit of Work, Dependency Injection, SOLID principles

**Security and Tools:** JSON Web Token (JWT), ASP.NET Core Identity, DTOs, validation, global exception handling, Swagger/OpenAPI, Git, GitHub

**Additional Technologies:** Angular, TypeScript, Python service integration

### PROFESSIONAL EXPERIENCE

---

#### Backend Developer

##### AI Mostakbal Technology Company

Sep 2024 - Present

- Develop and maintain ASP.NET Core Web APIs and SQL Server-backed features using .NET 8 and .NET 10 for an on-site sports club management system.
- Built the Services module from scratch, creating lookup data for governorates, cities, districts, and clubs and linking service categories to individual services.
- Implemented category-service availability rules and workflows for create, save, search, filter, sort, and payment-related stages.
- Collaborate with Membership, Installments, Sports Management, and Payment modules to deliver cross-module business requirements.
- Write SQL Server queries to validate legacy and shared data, investigate integration issues, support schema changes, and add business-required properties.
- Document API endpoints, business rules, and integration workflows for the Services module.

### SELECTED PROJECTS

---

#### Project and Task Management API

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

- Built a Clean Architecture API with JWT authentication, project CRUD, task status updates, DTO-based requests, validation, global exception handling, and database migrations.
- Used dependency injection and Swagger/OpenAPI to organize services and test authenticated endpoints.

## SELECTED PROJECTS (CONTINUED)

---

### OCR National ID Extraction System

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

- Built ASP.NET Core APIs and an Angular upload workflow for Egyptian national ID images, Python OCR requests, and extracted-data management.
- Stored structured fields including name, national number, address, gender, profession, and expiry data in SQL Server through Entity Framework Core.

### Patient Face Recognition System

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

- Implemented patient management, image upload, recognition requests, and lookup workflows using ASP.NET Core APIs and Angular interfaces.
- Stored patient profiles and recognition-related data in SQL Server to support patient lookup during registration.

**Live Demo:** [patient-reco.vercel.app](https://patient-reco.vercel.app)

## EDUCATION

---

### Bachelor of Engineering (BEng), Computer Engineering

**Badr University**

*Sep 2019 - Jun 2024*

**Graduation Project:** Object Detection Using YOLO

- Led a team-based object detection project involving convolutional neural networks, dataset preparation, model training, performance evaluation, version control, and milestone delivery.

## PROFESSIONAL TRAINING

---

### .NET Backend Development Program

**Route Academy**

*Jul 2026 - Present*

- Completed C# fundamentals, Object-Oriented Programming, and Advanced C#; currently studying Entity-Relationship Diagrams, relational mapping, schema creation, and e-commerce backend development.

## LANGUAGES

---

Arabic: Native | English: Professional working proficiency