

Abdelrahman Khafagy

.NET Backend Engineer

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SUMMARY

I'm a passionate back-end web developer using .NET, driven by a love for the industry and a desire to constantly challenge myself. I'm a skilled team player with a talent for problem-solving, always eager to discover innovative solutions and stay up-to-date with the latest technology trends.

EXPERIENCE

Full Stack Freelancer

Airforce IS

⌚ Mar 2024 – Mar 2025 🌐 Egypt, On-site

- Contributed to the development of multiable full-stack MVC applications using **.NET – C# – SignalR – Linq – EF – JWT – MVC – API – SQL**
- Collaborated and coordinated efforts with a team of 16+ developers, strengthening technical capabilities, code quality, and team alignment.

.NET Development

ITI

⌚ Jul 2024 - Sep 2024 🌐 Egypt, on-site

- Developed and maintained web application using **ASP.NET Core, Web MVC, and JWT Authentication**.

PROJECTS

Vehicle-Share with API Project | Graduation Project

[Repo]

.NET · SignalR · SQL Server · Google Maps API

- Real-time carpooling system with smart route-matching and live tracking.
- Reduced unmatched rides by 30% and Google Maps API costs by 60%.
- Scaled to 160+ concurrent users with efficient backend design.

Student Management & Attendance System | Freelance

[Repo]

ASP.NET MVC · SignalR · JWT - C#

- Automated daily attendance tracking with historical record maintenance
- Professional installer package created with Advanced Installer for easy deployment
- Student transfer system between groups with synchronized attendance and payment data

Airforce Exams System | Army Project

.NET 9 - SQL Server · MVC - Bootstrap - JWT

- An enterprise-grade examination management system built for the Air Force using ASP.NET Core 9.0 MVC with clean architecture principles to manage military personnel examinations.
- Provides role-based access control, advanced exam management capabilities, real-time analytics, comprehensive reporting, and JWT-based authentication for secure access.
- Supports Arabic language with RTL (right-to-left) display and features a modern, intuitive interface built with Bootstrap 5 for ease of use.

TECHNICAL SKILLS

Programming Languages:

C#, SQL, JavaScript, HTML, CSS

Frameworks & Technologies:

.NET Core, ASP.NET MVC, ASP.NET Web API, Entity Framework, LINQ, CQRS, SignalR, Windows Forms

Databases:

Microsoft SQL Server

Development Tools:

Visual Studio, Visual Studio Code, Git/GitHub, Postman

Software Development Practices:

Object-Oriented Programming (OOP), MVC Architecture, RESTful API design, Version Control, Agile

Additional Technical Knowledge:

JSON/XML data formats, Dependency Injection, Authentication & Authorization, Code debugging and optimization

Soft Skills:

Problem-solving, Team collaboration, Continuous learning, Attention to detail

Education

Bachelor of Computer Science

- Menofia University 2020-2024
- Grade: Excellent (Project), OverAll Very Good.

Languages

- Arabic (native)
- English (intermediate)