AHMED MOHAMED FATHY OSMAN

Software Engineer

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EDUCATION

B.Sc. in Computer Science
Assiut University

📅 Sep. 2018 – Jul. 2022   📍 Assiut, Egypt

EXPERIENCE

Software Engineer
Freelance

📅 Jul. 2022 – Present   📍 Assiut, Egypt

I work as a Freelancer during Military service vacations to improve my skills and raise my experience. I integrate my educational knowledge with industry experience to start my journey in the software industry.

PROJECTS

Learning Lantern
Graduation Project

📅 Jan. 2022 – Jul. 2022

- An online educational environment, with integrated and easy-to-use cloud services and content-creating tools for leveraging the online education processes.
- Built the Authentication service using the JWT Bearer using the MediatR pattern. Developed the app in the Monolithic architecture, then we upgraded it to the Microservices architecture. Implemented Ocelot API Gateway.
- Accomplished To Do, Text Lessons, and Video services. Tested our app with Unit Testing.
- Managed our database on Azure SQL Database and our app on Azure App Service and used Azure Blob Storage to store our files and videos and Azure DevOps for the deployment of our Docker containers.

Fathy.Common

📅 Oct. 2022 – Present

- Open-source project I made to facilitate developing the most common .NET services for developers and let them be free to customize it, with the best practices.
- Implemented Swagger definitions, Email sender, Authentication and JWT services, and Azure Blob Storage service.

Mustafa Kamel Portfolio

📅 Sep. 2022 – Oct. 2022

- Approached code first, used Entity Framework Core (ORM) for database migrations with SQL Server, and hosted my database on Azure SQL Database.
- Applied ASP.NET Core Identity with JSON Web Token for authentication and authorization. Accomplished complex mapping using Automapper.
- Deployed my app on Azure App Service. Interacted with files (videos, images, and PDFs) and stored them on Azure Blob Storage service.

SKILLS

C#	●●●●●
SQL	●●●●○
Problem Solving	●●●●○
Data Structures	●●●●○
Algorithms	●●●○○

ASP.N

ASP.NET Core Web API
ASP.NET Core SignalR
Entity Framework Core
Language Integrated Query (LINQ)
JSON Web Token (JWT)
Microsoft Azure
Object-Oriented Programming (OOP)
Database Systems
Clean Code   Unit Testing
Software Engineering Practices
Microservices   Cloud Computing
Git   Unix / Linux

CERTIFICATIONS

- </> ICPCID
- 🏆 Technical Support Fundamentals
- </> The Bits and Bytes of Computer Networking
- 🏆 Operating Systems: Becoming a Power User
- 💓 English for Career Development

LANGUAGES

Arabic	●●●●○
English	●●●○○