# AHMED MOHAMED FATHY OSMAN

# **Software Engineer**

@ SWE.Ahmed.Osman@gmail.com

**J** +20 120 873 1604

O Cairo, Egypt

in SWE-Ahmed-Osman

SWE-Ahmed-Osman

## **EDUCATION**

B.Sc. in Computer Science

**Assiut University** 

iii 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**

iii 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

#### **Open-Source**

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

#### **Freelance**

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.NET Core MVC

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** 

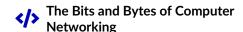
Microservices | Cloud Computing

Git Unix / Linux

## **CERTIFICATIONS**







Operating Systems: Becoming a Power User

English for Career Development

## **LANGUAGES**