AHMED OSMAN

Software Engineer

@ SWE.Ahmed.Osman@gmail.com in AhmedFathyDev

🤳 +20 120 873 1604 AhmedFathyDev

EDUCATION

B.Sc. Degree in Bachelor Degree of Computers and Information Majoring in Computer Science Assiut University

🛗 Sep. 2018 – Jun. 2022

• Asyut, Egypt

Remote

EXPERIENCE

Back-End Engineer Axapta. Ltd

🛅 Dec. 2023 - Present

Masareefi (ERP)

- Increased API security by using Shared Access Signature (SAS) to make an expiration duration for Blobs and Containers.
- Validated created accounts with Multi-Factor Authentication (MFA).
- Elevated system performance through the implementation of local memory caching, Redis storage, and SQLite caching strategies.
- · Architected a robust microservices infrastructure to enhance scalability, flexibility, and overall system efficiency.
- Localized the messages and names to the user display language.
- Incorporated SignalR for real-time notifications, enhancing user engagement with timely updates and alerts.

.NET Engineer Freelance

🛗 Jul. 2022 – Present

Remote

 Worked as a Freelancer during and after Military Service to improve my skills and raise my experience.

eCommerce Web App for UX designer

Code

- Injected the swagger service implemented its security definition for authentication and used it to test and document my API.
- Applied ASP.NET Core Identity with JSON Web Token for authentication and authorization.
- Managed files and videos, securely storing them using Azure Blob Storage, and deploying the application on Azure App Service.

PROJECTS

Learning Lantern (LMS) Graduation Project

- Allows institutes and universities to get their learning portal, with integrated and easy-to-use cloud services and content-creating tools for leveraging the online education processes.
- Led database design and normalization for maximum optimization.
- Built the Authentication and Authorization service using ASP.NET • Core Identity, JWT Bearer, and Email Sender service.
- Designed the app first in the monolithic architecture and then upgraded it to the microservices architecture.

Fathy.Common Open-Source

 Made to facilitate the development of the most common .NET services and let them be free to customize with the best practices.

Ahl AlQuran Academy Distributed Database Course Code

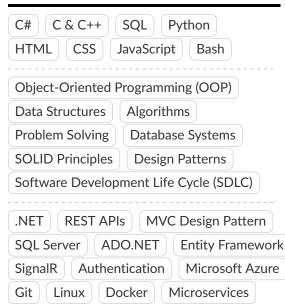
• A platform for memorizing and reviewing the Noble Quran.

Cairo, Egypt AhmedFathyDev

SUMMARY

- One year of experience in web application development using .NET Core Framework.
- Proficient in Object-Oriented Programming, Data Structures, Algorithms, Design Patterns, and Problem Solving.
- Eager learner passionate about advancing skills in back-end technologies, DevOps, and emerging trends like Web 3.
- Detail-oriented and committed engineer known for on-time delivery of high-quality products. Self-motivated and quick learner.

SKILLS



CERTIFICATIONS

- 4th Place in The 2019 Assuit Collegiate **Programming Contest**
- Succeeding in Web Development: Full Stack and Front End
 - **Cloud Computing Basics (Cloud 101)**
- **Database Fundamentals**
- The Bits and Bytes of Computer Net-百百 working
- **Operating Systems: Becoming a Power** User

LANGUAGES

Arabic English

Code

Code