AHMED OSMAN

Software Engineer

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 AhmedFathyDev

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EXPERIENCE

Back-End Engineer Axapta. Ltd

Dec. 2023 - Present

Remote

Masareefi (ERP)

- Increased API security by using Shared Access Signature, setting expiration durations for Blobs, reducing unauthorized access by 40%.
- Validated created accounts with Multi-Factor Authentication.
- Elevated system performance by 40% through local memory caching, Redis storage, and SQLite caching strategies.
- Architected a robust microservices infrastructure, increasing system scalability and flexibility by 30%.
- Localized messages and names in 3 languages to enhance user experience and accessibility.
- Refactored legacy system and coded ADO.NET Data Provider.
- Incorporated SignalR for real-time chat and notifications, boosting user engagement with timely updates and alerts.
- Integrated PayPal gateway for secure payment processing.

.NET Engineer Freelance

🛗 Jul. 2022 - Present

Remote

Mustafa Kamel Portfolio – eCommerce Web App for UX designer.

Printing System – Windows Form ERP system for printing company.

PROJECTS

Learning Lantern (LMS) Graduation Project

C Code

- 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, optimizing 10+ tables for maximum efficiency.
- Built the Authentication and Authorization service using ASP.NET Core Identity, JWT Bearer, and Email Sender service.
- Accomplished a to-do feature using ASP.NET Core Web API and video services using SignalR, supporting 10+ concurrent users.
- Deployed Docker containers using Azure DevOps on Azure App Service. Stored files and videos on Azure Blob Storage.
- Tested services and APIs using Postman and Swagger.

Fathy.Common Open-Source

Code

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

- A platform for memorizing and reviewing the Noble Quran.
- Designed and normalize the database, implemented in MySQL.

Runner Wheel 3D Computer Animation Course

Code Code

- An endless runner game for Android and Windows.
- Developed the game on Unity Engine by C#.

EDUCATION

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

Sep. 2018 - Jun. 2022♥ Asyut, Egypt

VOLUNTEERING

Instructor & Mentor ICPC Assiut University Community

iii Oct. 2018 - Jun. 2022♥ Asyut, Egypt

- The main goal of this community is to improve the programming, problem-solving, and algorithmic skills of all students in Egypt.
- Competed a lot in programming competitions like ECPC and enjoyed participating with my colleagues, students, and mentors.

SKILLS

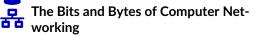


CERTIFICATIONS









Operating Systems: Becoming a Power User