

Mahmoud Salah

Junior Software Engineer

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Military Status: Completed

📍 Cairo - Egypt

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Work Experience

Backend .Net developer at Kits Technology

April 2024 - present

- Developed and maintained web applications using C#, ASP.NET MVC, Web API, and Entity Framework.
- Optimized application performance with efficient LINQ queries for SQL Server
- Debugged and enhanced .NET codebases using Visual Studio, created T-SQL procedures, and conducted codebase analysis for refactoring.
- Applied OOP principles for reusable components and provided expert technical support

Internship

4-Month intensive code camp (ICC):

Jan 2024 – May 2024

- Information Technology Institute(ITI), Port Said Branch
- Track: Full Stack Web Development .Net

Egypt Army:

- IT Specialist

Dec 2022 – Oct 2023

Education

Bachelor of Computer Science:

Jul 2022

- Faculty of Computer and Information Science (CSYS Department), Ain Shams University, Egypt
- GP Projects Grade: **Excellent**

GP Projects:



- Smart cap for the visually impaired
- Technologies: Implemented NumPy and Pandas libraries for data analysis - Engineered a machine learning model using TensorFlow, Viola-Jones, OpenCV, Putty, and VNC-Viewer.

Technical Skills

Programming languages:

C#, C++, C, JavaScript, ECMAScript 6, Python, Kotlin, Java, Typescript

Databases:

SQL server, MySQL, OracleDB, PostgreSQL

Tools:

Visual Studio, VisualStudioCode, SQL Server Studio, Oracle Pycharm, Android Studio

Backend Technologies:

ASP.NET (.NET MVC - .NET Core, Restful APIs)

Frontend Technologies:

HTML, HTML5, CSS, CSS3, Bootstrap, Angular

Others:

Entity Framework, Unit testing, LINQ, Git-Github, Bitbucket, Jira

Conceptual Knowledge:

Data structure, Object-oriented, Algorithms, Design pattern, NopCommerce

Projects

EDUNEX Website [LMS] / Fullstack Development

[Backend](#) 🔗 - [Front](#) 🔗

- EDUNEX is an educational platform that enhances learning with course creation and progress monitoring features. Built using ASP.NET Core 8 API, Angular, and SQL Server follows a 3-Tier architecture with a Generic Repository and Unit of Work patterns.

E-commerce Website / Fullstack Development



- **Technologies:** (C#, EF, MVC, SQL, Identity, Razor Page, LINQ, HTML, CSS, JavaScript, Bootstrap)
- **Concepts/Practices:** Dependency Injection (DI), Repository Pattern, Unit of Work, payment method.

Crud Operations / Fullstack Development



- Technologies: (C#, ASP.NET Core, RESTful APIs, EF, LINQ, SQL, JS, ECMAScript 6, Bootstrap, CSS3, HTML5)

Examination System / Windows Form Application



- Technologies: (C#, EF, LINQ, SQL, Windows Form Application)

Fully Responsive Portfolio / Website [Browse Now](#)



- Technologies: (CSS3, HTML5, Bootstrap, JavaScript, Smtpps)

Responsive Pizza-Hut Website



- Technologies: (Bootstrap, CSS3, HTML5)

Food Talabat application



- Technologies: Rest API - Retrofit - MVVM - SQL Lite - Room database - Firebase - OOP - data structure

Freelance Android Native Shop Management app:

Jul 2021



- Technologies:** Engineered and implemented a Retrofit-based MVVM architecture for Android applications, optimizing SQL Lite and Room database utilization; leveraged OOP principles and efficient data structures to enhance performance and scalability

Personal skills

- Excel in detail checking and achieving results with accuracy and precision
- Demonstrate a systematic approach to problem-solving
- Communicate openly, forcefully, and clearly, excelling in interactions with individuals and small groups
- Makes decisions with confidence
- Show eagerness and capacity to learn, demonstrating an exceptional ability to grasp new methods quickly

ACHIEVEMENTS

- Hacker Rank SQL Certificates basic (It includes simple queries, relationships, and aggregators.)
- Hacker Rank SQL Certificates intermediate (It includes complex joins, unions, and sub-queries.)
- Hacker Rank C# Certificates basic: understanding the structure of C# programs, types, and Variables, basic OOP, Properties and Indexers, Collections, Exception handling

EXTRACURRICULAR ACTIVITIES

- Participant at “ ACM_Asics ” : Sep 2018
 - I attended training in problem-solving.
 - I was part of a team responsible for solving problems in code forces
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Language Skills:

- Arabic
- English