MOSTAFA SALEM

Software Engineer

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SUMMARY

As a final year Computer Science student at the Higher Technological Institute, I have acquired a strong foundation in computer science concepts, including algorithms, data structures, operating systems, and assembly. My primary focus is on web development, and I have honed my skills in C#, ASP.NET, HTML, CSS, and JavaScript through hands-on experience and independent study. I have applied these skills in multiple projects and have experience using EF-Core and LINQ. I am a dedicated and motivated learner who continually strives to improve and expand my skill set.

PROJECTS

E-commerce Api

- Developed an e-commerce API using ASP.NET Core, Entities Framework Core, LINQ, and Microsoft Identity for security.
- Implemented an Onion architecture with four layers - data, repository, services, and project API.
- Utilized the repository pattern and unit of work pattern for data access
- Experience in using specification design pattern for building filtering queries
- Experience in using LINQ for complex data operations
- Experience in using Microsoft Identity for secure user authentication and authorization
- The source code of the project is available on Github

HR management system

- Developed an HR management system using ASP.NET Core MVC framework
- Implemented Entities Framework Core for data access and LINQ for complex data operations
- Utilized Microsoft Identity for secure user authentication and authorization
- Implemented a 3-layered architecture with a focus on separation of concerns
- Utilized the repository pattern and unit of work pattern for data access
- The source code of the project is available on Github

STRENGTHS

Hard-working   Communication skills   Responsible
Time Management

PROGRAMMING SKILLS

C#

EF-Core

LINQ

ASP.NET Core MVC

ASP.NET Core API

GIT

JavaScript

CSS

HTML

LANGUAGES

Arabic   ●●●●●

English   ●●●○○

EDUCATION

B.Sc. in Computer Science

Higher Technological Institute

📅 Sept 2019 – 2023

GPA 2.8