Mohammed Mahmoud Ali

Software Engineer (Backend Developer .Net)

Profile

Enthusiastic and hard-working junior software developer seeking a competitive and challenging environment to contribute effectively, grow professionally, and help the organization achieve and exceed its goals through applied knowledge and experience.

Education

Bachelor's degree of Computer Science

october-2021-Jul-2025

Culture and Science City : University, Faculty of Engineering, Computer

Overall Grade: Good with & computer

Science Department

Graduation project:

The project aims to develop an innovative system that assists individuals with hearing and speech impairments by converting sign language into written text in real-time.

Projects

Human Resources Management System:

O Human Resources

This project is an integrated HR management system built using ASP.NET MVC with N-tier architecture. The system aims to provide a unified platform for managing employees, departments, and users with different permissions. The system supports basic CRUD operations (Create, Read, Update, Delete)

Employee Management : Create new employees with all their personal and job information ,Display a list of all employees with filtering and search capabilities ,Update employee information ,Delete employee records,View details of a specific employee ,Associate employees with specific departments

Department Management : Create new departments with defined responsibilities Display a list of all departments, Edit department data and information, Delete departments, and View employees belonging to each department

User Management: Create new user accounts with defined roles and permissions, Update user information Password and, Disable delete user accounts, Display a list of all users

E-Commerce Web Application:

E-Commerce Web application

This project is a backend system for an Ecommerce platform that allows users to browse products, add them to a cart, place orders, and manage their account. It also includes admin and vendor roles for managing products a nd order fulfillment. The backend follows Clean Architecture <u>principles</u> to ensure high scalability, testability, maintainability, and clear separation of concerns.

The E-Commerce Web application, a modern e-commerce platform built with ASP.NET Core. It covers the system's architecture, core components, and key features to help developers understand the overall structure and design principles of the application.

Skills

Programming Languages: C#, Java,

JavaScript

Backend development ASP.NET Core, Entity Framework Core, LINQ

Frontend development HTML5, CSS3, Bootstrap, JavaScript, jQuery, TypeScript, Angular

Databases: Microsoft SQL Server

Concepts: OOP, Design Patterns, SOLID Principles, Knowledge of Data Structures and Algorithms,

AWS DevOps

Soft Skills: Communications skills, Self-Learner, Teamwork, Time Management

Experience, Courses

Full Stack Web Development (Route Academy)

Software Engineering (cloud native basecamp By Ahmed Metwally)

April 2024 – 2025

Dec 2024 2025