

# Marwan Moussa

## Backend Developer

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### EXPERIENCE

#### Web Developer Visonare | August 2021 – Present

- Implemented front-end functionality using TypeScript and various frameworks and libraries (Angular, React-Native) to enhance user experiences.
- Implemented back-end functionality using C# ASP.NET MVC Web API and ADO.NET to manage SQL databases, resulting in successful integration of the web application into existing systems

#### Database Developer Moussa Company | June 2020 – October 2020

- Collaborated in designing the database schema for the company using SQL Server.
- Implemented and maintained the database within the company's systems.
- Created and optimized SQL queries, stored procedures, and functions to efficiently retrieve and manipulate data for the company.

### EDUCATION

#### Bachelor's Degree in Computer Engineering Arab Academy For Science and Technology “AAST” | September 2018 – July 2023

#### High School American Diploma Arab Academy For Science and Technology “AAST” | September 2015 – June 2018

### Personal Skills

Fluent English

Fluent Arabic

Highly Motivated

Ability to work under pressure

Fast Learner

Hard Worker

Adaptability

Team work

Reading

Photography

Critical thinking and problem solving

Leadership

Sports

### Certificates

Frontend Development (ITI) | June 2021

Java (AAST) | September 2020

## Projects

### Hotel listing Web API

- CORS for Cross-Origin Resource Sharing
- Serilog and Sinq for Logging
- Entity Framework for SQL Server Database
- Role-Based Authorization with JWT Bearer Authentication and Refresh Tokens integrated with Microsoft Identity Core
- Automapper and Repository Pattern for Data Manipulation
- Global Error Handling Middleware
- Application Caching for Improved Performance
- CRUD Operations with Paging
- API Service Health Checks

### Ecommerce website

- Developed a web-based book store using ASP.NET MVC with Entity Framework Core, following the Repository pattern and unit of work.
- Provided CRUD operations for managing books, users, and orders.
- Created registration and login functionality using Microsoft Identity.
- Used Entity Framework to connect to a SQL Server database.
- Developed all user interfaces, including product listings, shopping carts, and checkout pages.

### Natural Based UI – Graduation Project

- Developed a natural based UI using Mediapipe pose detection for easier communication with the computer using gestures

### AdventureWorks Web API – Visonare

- Implemented CRUD operations to provide a comprehensive data management solution.
- Implemented Entity Framework for managing SQL Server Database.
- Role Based Authorization use JWT Bearer Authentication

### Telmeda Mobile App – Visonare

- Developed multiple screens using React-native framework for creating a fitness app that was integrated with Google Fit
- Integrated Redux state management to the application

### EDERM – Visonare

- Developed multiple website pages using Angular framework
- Integrated RXJS state management into the application
- Provided documentation for components using storybook and compdoc

## Front End Skills

HTML

CSS

Javascript

Bootstrap

Typescript

React

React-Native

Angular

## Back End Skills

PHP (Laravel)

C# (ASP.NET Core MVC)

Python

Java

## Database

SQL Server

MySQL

MongoDB

Firebase

## Source Control

Git

