Jawad Al-Derany

Mid-Level Dot Net Developer

Over 4 years of professional experience in working with Microsoft technologies. Strong knowledge and experience in object-oriented programming (OOP). Proficient in implementation of N-Tier Architecture Data Access Layer, Business Logic Layer, and User Interface (UI). Ability to analyze problems, root causes, develop innovative solutions to business challenges, and streamline operations. Ability to grasp and apply new concepts quickly and effectively.

INFO

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in Linked In

Portfolio

SKILLS

// Web Technologies

Asp.Net Core	● ● ● ● ●
C#	● ● ● ● ●
HTML / CSS	● ● ● ○ ○
JS	● ● ● ○ ○
Bootstrap	● ● ● ○ ○

// Desktop Technologies

Windows Forms	● ● ● ● ●
WPF	● ● ● ● ○
UWP	● ● ● ○ ○
Xaml	● ● ● ● ○

// Database

MSSQL	● ● ● ● ○
EF / EF Core	● ● ● ● ●

// IoT

Arduino	● ● ○ ○ ○
Raspberry Pi	● ● ● ○ ○
C / C++	● ● ● ○ ○
Windows 10 IoT	● ● ● ● ○

Work Experience

Web API Developer

August 2022 – Present / BA Tech

- Designed and developed Web API system (Rest API) using Asp.Net Core 6 and EF.
- Working with swagger to describe the APIs.
- Building database schema and creating tables using EF core 6.
- Implemented complex query and dynamic query in EF Core 6.
- Implemented authorization, authentication, and exception handling in ASP.NET Core.
- Working on background services in Asp.Net Core 6.
- Designed and developed web API (Rest API) Using Asp.Net Core 7 and EF.

Web Developer

February 2021 – July 2022 / Freelance

- Implemented CRUD functionality, adding to sorting, filtering, and paging in ASP.NET Core MVC and Razor Pages.
- Worked with advanced concepts of ASP.NET Core MVC and Razor Pages used for developing backend technology.
- Implemented LINQ Query operations like Grouping, Ordering, and Filtering operations for accessing the database to search routes and packages.
- Created and consumed Web Services using Asp.net Core 5 and EF.
- Implemented authorization and authentication in ASP.NET Core 5.
- Worked with Globalization and localization to support multiple cultures in ASP.NET Core 5.
- Developed a Chrome browser extension to read information from multiple websites and transfer it to our website using Ajax, Asp.net Core API, and JSON.
- Used Timestamp to handle concurrency conflicts using EF core 5.
- Designed and developed the front end of multiple Web applications using, HTML5, CSS3, JS, and Bootstrap.
- Implemented web API (Rest API) to support mobile applications using Asp.Net Core 6 with C# and EF.
- Designed and developed Blazor server app using Asp.Net Core 6 with C#, JS, HTML5, CSS3.
- Combined Blazor server app with Web application (Razor pages and API controllers) using custom routing.
- Designed and developed Android app Using .Net MAUI hybrid With C#, HTML, and CSS.

Education

Bachelor of Software Engineering
Bu-Ali Sina University
Iran, Hamadan
September 2016 - May 2019

Courses
Asp.net Core,
Asp.net Core Advanced,
WordPress, Xamarin, UI/UX

Languages

English ● ● ● ● ●
Arabic ● ● ● ● ●
Persian ● ● ● ● ●

Hobbies

Problem-solving games

Strategies games

Cooking

Work Experience (CONTINUED)

- Building database schema and creating tables with complex relationships between tables using EF core 6.
- Working on database transactions and Save Point to implement virtual bank transactions using EF core 6.

.Net Desktop Application Developer
October 2020 – January 2021 / Freelance
- Developed, tested, deployed, and maintained multiple Windows Form and WPF applications.
- Designed database in SQL Server and created stored procedures, functions, views, and queries.
- Implemented CRUD functionality with Entity framework in WPF App

.Net Developer
January 2020 – September 2020 / Freelance
- Developed from scratch UWP App for Devices running on Windows 10 IOT using C# and, XAML.
- Worked on Binding, Styles, Data Template, Control Template, Routed Events, Converters, Charts, and Layout Panels in XAML
- Worked in 3-tier architecture-based project
- Worked on Arduino and Raspberry Pi including software, and hardware such as Touch Display, Wi-Fi, Gpio pins, USB ports, and Windows 10 IOT
- Implemented new C# Class library for controlling Arduino Gpio Pins and make communication Between Arduino and single-board computers Using UART protocol.

.Net Desktop Application Developer
May 2018 - October 2019 / Freelance
- Developed visual components through WPF using XAML and C#
- Worked with the C# GDI +, DirectX, and AForge libraries for image processing, drawing 2D shapes, playback video and audio effects, and using USB Cameras.
- Worked on converting and parsing source data defined in xlsx, xls formats and stored in a database using C#.
- Developed, tested, deployed, and maintained multiple Windows Form applications.

Some Personal Projects

Marketing
Web developer.
September 2021
A system for making profits by depositing money and investing it in marketing, which requires data collection, analysis, transformation into sensitive information, and storing it in the database, which requires no data loss. Using the fully optimized system. The main challenge was implementing a multi-level data validation to eliminate any probability of transferring inaccurate or corrupted data into the relational database.
Technology stack:
C#, .Net 5, Asp.net Core, API, MVC, Razor Pages, Blazor, MSSQL, EF Core, JS, Html5, CSS3, Bootstrap 5