







# Jawad Al-Derany

Sr .Net Developer






With over 6 years of experience in Microsoft technologies, I excel in the software development life cycle (SDLC) and have a strong foundation in object-oriented programming (OOP). Proficient in implementing N-Tier Architecture and Domain-Driven Design (DDD). Known for my ability to analyze problems, innovate solutions, quickly and effectively grasp and apply new concepts, and streamline operations.

## INFO





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-  Portfolio

## SKILLS

### // Web Technologies

- Asp.Net 
- C# 
- JS / jQuery 
- HTML / CSS 
- Bootstrap 





### // Desktop Technologies

- Windows Forms 
- WPF 
- NET MAUI 
- XAML 

### // Database

- MSSQL 
- EF / EF Core 

### // IoT

- Arduino 
- Raspberry Pi 
- C / C++ 
- Windows 10 IoT 

## Work Experience

### Web Developer

December 2023 – February 2024 / Cloud Systems

- Developed the CMS of the website Using **ASP.NET Core 7 and SQL**.
- Implemented reusable Razor components to enhance efficiency and streamline work processes Using **Razor class library**.
- Collaborated in the development of existing CMS In **ASP.NET Framework and SQL**.

### Web Developer

June 2023 – November 2023 / BA Tech

- Led the development of an integrated system dedicated to the management and control of IoT devices through a centralized control panel Using **ASP.NET Core 7, SQL, EF, and Blazor**.
- Utilized the MQTT protocol to establish seamless two-way communication between IoT devices and servers.
- Engineered a dedicated MQTT Message broker service as a standalone unit within the system.
- Implemented background services to effectively manage device changes, notifications, and emails, enhancing system functionality.
- Developed a Blazor app to create user interfaces, incorporating a detailed permission and authorization system for enhanced security.
- Implemented best practices for performance and clean code in Blazor, including optimizing rendering speed, handling exceptions, and creating reusable components.
- Established real-time communication using SignalR to relay events from the server to connected Blazor apps.
- Applied JavaScript and jQuery to create interactive pages, facilitating communication with .NET components.

### Web Developer

April 2023 – May 2023 / BA Tech

- Contributed to system analysis and design processes.
- Developed the core for the Content Management System (CMS) In **ASP.NET Core 6**.
- Worked with the Liquid templates for rendering and fragmenting the website content.
- Designed and developed a .NET library containing generic services and extensions to facilitate the initiation and development of any ASP.NET project, with the capability to publish it as NuGet packages Using **.Net Class Library**.

## Education

### Bachelor of Software Engineering

Bu-Ali Sina University

Iran, Hamadan

September 2016 - May 2019

### Courses

Asp.net Core,

Asp.net Core Advanced,

Blazor, Xamarin, UI/UX Design,

Arduino, WordPress, Network+

## Languages

English



Arabic



Persian



## Hobbies



Problem-solving games



Strategies games



Cooking

## Work Experience (CONTINUED)

### Web API Developer

August 2022 – March 2023 / BA Tech

- Designed and developed Web API system through agile development methodology Using **Asp.Net Core 6, EF, and SQL**.
- Building database schema and creating tables Using **SQL and EF**.
- Implemented complex query and dynamic query In **SQL and E**.
- Utilized LINQ for querying, sorting, and filtering complex objects.
- Implemented authorization, authentication, and exception handling In **ASP.NET Core 6**.
- Working on background services In **Asp.Net Core 6**.

### Web Developer

September 2021 – July 2022 / Freelance

- Designed and developed multiple Blazor server apps Using **ASP.NET Core with C#, JS, HTML, and CSS**.
- Implemented web API (Rest API) to support mobile applications Using **Asp.Net Core with C# and EF**.
- Designed and developed an Android app Using **.Net MAUI hybrid With C#, HTML, and CSS**
- Building database schema and creating tables with complex relationships between tables Using **SQL and EF Core**.
- Working on database transactions and Save Point.
- Designed and developed the front end of multiple Web applications Using **HTML, CSS, JS, and Bootstrap**.

### Web Developer

Jun 2021 – August 2021 / Startup

- Developed Web Services Using **Asp.net Core 5 and EF**.
- Developed a Chrome browser extension to read information from multiple websites and transfer it to our website Using **JS, Ajax, ASP.NET Core 5 API, and JSON**.
- Used CQRS pattern for data flow between the services and the app.
- Used Timestamp to handle concurrency conflicts Using **EF Core 5**.

### Web Developer

February 2021 – May 2021 / Freelance

- Implemented CRUD functionality, adding to sorting, filtering, and paging In **ASP.NET Core 5 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.
- Created and consumed Web Services Using **ASP.NET Core 5, EF, and SQL**.
- Implemented authorization and authentication In **ASP.NET 5**.
- Worked with Globalization and localization to support multiple cultures In **ASP.NET Core 5**.
- Worked with partial views, and master pages for a consistent website look.

## Work Experience (CONTINUED)

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### **.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.**

### **.NET Developer**

January 2020 – September 2020 / Startup

- 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 on N-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 a new C# Class library for controlling Arduino Gpio Pins and making 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.
- Developed, tested, deployed, and maintained multiple Windows Form applications.