



## INFO



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Linked In



Portfolio

## SKILLS

### // Web Technologies

Asp.Net ● ● ● ● ●

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 ● ● ● ● ●

# Jawad Al-Derany

## Sr .Net Developer

Over 5 years of professional experience in working with Microsoft technologies. Experience in software development life cycle (SDLC). Strong knowledge in object-oriented programming (OOP). Proficient in implementation of N-Tier Architecture Data Access, Business Logic, 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.

## Work Experience

### Web API Developer

August 2022 – Present / BA Tech

- Designed and developed Web API system through agile development methodology using Asp.Net Core, EF, and SQL.
- Working with Swagger to describe the APIs.
- Building database schema and creating tables using SQL and EF.
- Implemented complex query and dynamic query in SQL and EF.
- Implemented LINQ for querying, sorting, and filtering complex objects.
- Implemented authorization, authentication, and exception handling in ASP.NET Core.
- Working on background services in Asp.Net Core.

### Web Developer

September 2021 – July 2022 / Freelance

- Designed and developed multiple Blazor server apps using Asp.Net Core 6 with C#, JS, HTML5, and CSS3.
- Combined Blazor server app with Web application (Razor pages and API controllers) using custom routing.
- Implemented web API (Rest API) to support mobile applications using Asp.Net Core 6 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 6.
- Working on database transactions and Save Point.
- Designed and developed the front end of multiple Web applications using, HTML5, CSS3, JS, and Bootstrap.

### Web Developer

Jun 2021 – August 2021 / Freelance

- 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 API, and JSON.
- Used CQRS pattern for data flow between the services and the app.
- Used Timestamp to handle concurrency conflicts using EF Core.

## Education

### Bachelor of Software Engineering

Bu-Ali Sina University

Iran, Hamadan

September 2016 - May 2019

### Courses

Asp.net Core,

Asp.net Core Advanced,

Blazor Server, Xamarin, UI/UX

Design, Arduino, WordPress,

Network+

## Languages

English



Arabic



Persian



## Hobbies



Problem-solving games



Strategies games



Cooking

## Work Experience (CONTINUED)

### Web Developer

February 2021 – May 2021 / 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.
- 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.

### .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.