



INFO



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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	●	●	●	●	●

Jawad Al-Derany

Dot Net Developer

Over 3 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.

Work Experience

Web Developer

February 2021

- Implemented CRUD functionality, adding to sorting, filtering, and paging with Entity framework 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.
- Created and consumed Web Services using Asp.net and EF core.
- Implemented LINQ Query operations like Grouping, Ordering, and Filtering operations to access the database for the search of routes, and packages.
- 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.
- Implemented authorization, authentication, and exception handling.
- Developed the front-end of the web application using, HTML5, CSS3, JS, and Bootstrap.

.Net Desktop Application Developer

October 2020 – January 2021

- 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

- Developed from scratch UWP App to Devices running on Window 10 IOT using C# and, XAML.
- Worked on Binding, Styles, Data Template, Control Template, Routed Events, Converters, Charts, 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.

Education

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

Courses

Asp.net Core, WordPress,
Xamarin, UI/UX Design, Arduino,
Network+

Languages

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

Hobbies



Problem-solving games



Strategies games



Cooking

Work Experience (CONTINUED)

.Net Desktop Application Developer

May 2018 - October 2019

- 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 a 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 v5

Sterilize unit:

.net developer.

March 2020

A software for hospital sterilizer's devices to control and manage the sterilization process.

Works on Windows 10 IOT.

It enables you to select the type of sterilization process, monitors the process stages, and displays the graph of the sensors to ensure the correctness of the process and device parts work, In addition to a simple notification system. The main challenge was the accuracy of the procedure, And good control of the device parts to avoid any accidents.

Technology stack:

C#, C, .NET Standard, UWP, Windows 10 IoT, Raspberry Pi, Arduino, IoT

Knowledge:

.Net Desktop Application Developer

April 2018

Interactive Competitions program for studios,

It displays competition details, paragraphs, many types of questions (audio, graphic, text), and teams' statuses, in addition to a live broadcast from the studio to the masses.

The main challenge was Flawless high-quality rendering and Speed in Camera broadcast.

Technology stack:

C#, .Net Framework 4.7, Windows Forms, WPF