

Muhammad Touseef

Senior Software Engineer

Passionate software engineer with experience in Windows Desktop & Meta certified Web development, spending all day in Visual Studio. "Fluent Video Player" app on Microsoft Store, is one of my main personal projects. I am tech agnostic and love learning new programming languages. Recommended by Imagine Foundation : [Recommendation letter - Muhammad Touseef](#)

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in linkedin.com/in/touseefbsb

📖 stackoverflow.com/users/5305863/muhammad-touseef

📁 touseefbsb.github.io/devportfolio/

🐙 github.com/touseefbsb

WORK EXPERIENCE

Senior Software Engineer

365 Labs

01/2019 - Present

Baton Rouge, Louisiana, USA

Enterprise software for law enforcement agencies.

Achievements/Tasks

- Developing Evidence and Citation Windows apps leading to **20%** client uptake. Using standard **TDD**
- Maintaining Common UI for all apps ensuring **50%** reduction in **Xaml** code across the board.
- **30%** performance Upgrade with Apis on **.Net 6**
- **4 to 5** PR reviews daily for agile code consistency.
- Working on **dynamic fields**, allowing the change of visibility & labels of a **form** at runtime with keyboard shortcuts, giving **80%** control of Form to clients.
- Setting new best practices for **Xaml** to reduce the code clutter resulting in **20%** less xaml parsing exceptions.

Software Engineer

Indiestor, Bluebook and Microsoft.

09/2015 - 01/2019

Achievements/Tasks

- Implemented Windows apps ranging from Desktop, Xbox.
- **Smart card** integration which reduced the login time for users by **75%**.
- Organized upto **10** educational seminars on Microsoft technologies to help students become **self taught developers**.
- Helping them with obtaining free resources like **Microsoft learn** and **Bizspark**

Microsoft Student Partner

Microsoft

08/2015 - 08/2016

Achievements/Tasks

- Organized seminars on various Microsoft Technologies and Helping new developers learn more about windows app development.

EDUCATION

BS-Bioinformatics

Comsats Institute of Information Technology

2013 - 2017

Courses

- Biological Algorithms
- Computational programming

SKILLS

UWP

WinUI-3

WindowsAppSDK

Xaml

C#

.Net 8

MVVM

Azure Devops

Git

WPF

SQL

Unit Testing

Entity Framework Core

Web Api

GoLang

Python

Azure

ASP.Net

Javascript

Html5

CSS

CI/CD

OOP

System Design

AWS

MAUI

Typescript

Rx.NET

Reactive .Net

React

Backend

PERSONAL PROJECTS

Fluent Video Player (2015 - Present)

Video player app combining efficient playback of all codecs with modern design and fluent features.

Fluent Sticky Notes (2017 - Present)

An improved version of sticky notes app with fluent design and picture in picture mode.

ACHIEVEMENTS

Member of Microsoft Virtual Academy Founders Club

Microsoft

- <https://1drv.ms/b/s!ArmYis0SUp5U5C0YgmEI6CICkILM>

FYP (Final Year Project)

Comsats

- I created a tool "ChromSACT"(Chromosome Segmentation Annotation and Comparison Toolbox) and it was created as a ASP.Net Core MVC App.

My Published Article (ChromClust)

Name of the institution that issued/awarded it

- <https://pubmed.ncbi.nlm.nih.gov/26551295/> 

LANGUAGES

English

Full Professional Proficiency

Spanish

Elementary Proficiency

INTERESTS

Film-making

Programming

Machine Learning