



TUFAIL AHMED

SENIOR SOFTWARE ENGINEER - FULL-STACK

CONTACT DETAILS

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 [LinkedIn profile](#)

/ ALL ABOUT ME

As an accomplished software engineer with over 7+ years of programming expertise, I have successfully delivered innovative solutions across a diverse range of industries, including CRM, Specialized ERP, CMS, Education, E-commerce, Medical & Health, News Agencies, Builders, Traders & Distributors, and utility companies. My proficiency extends to integrating custom software with third-party services and seamlessly incorporating hardware solutions. My commitment to excellence is evident in my track record of developing and optimizing systems that align with the unique needs of each industry, showcasing not only technical prowess but also a keen understanding of business requirements.

When asked what i like to do in my spare time, I reply, "Programing".

/ WORK EXPERIENCE

>> **Principal Software Engineer** **2021-Currently**
Global Tranz (US Based)

I collaborate with a team of skilled engineers to provide technical support for legacy applications while also spearheading the development of innovative features and optimizing backend infrastructure. Notably, I achieved a 20% reduction in response time and a 15% decrease in error rates. I also implemented Azure Application Insights for improved system monitoring. Additionally, I reduced system downtime by 40%, increased overall system reliability by 60%, and saved millions on computational and development.

Tech Stack : .NET, Asp.net MVC & Web API, SQL, .NET core, Angular, React, Redis ,Azure services (CI/CD,AI).

>> **Front-End Engineer** **Part-Time (20hr/week) 2023-2024**
STG Consulting - COMCAST (US Based)

As a Front-End Developer at Comcast, my primary focus is on creating adaptable, rigorously tested, and visually appealing web components. I have actively contributed to enhancing user engagement and optimizing website performance through the utilization of technologies such as JSS Sitecore, ReactJS, Angular, Prism, Material UI, and Tailwind CSS. The components I have developed are widely utilized across the organization.

>> **Sr.Software Engg / Technical Team Lead** **2018-2021**
HASHTAG BINARY Pvt Ltd / IBR (JADAH BASED)

Building the Digital Resort Software with customer facing Mobile App from scratch Over period of three years, start as a Sr.Software engg, later on I led a team of six developers through agile project management to deliver this project ahead of schedule and within budget. Our efforts led to a 60% improvement in company efficiency, a 40-50% reduction in operational costs, and enhanced customer experiences through mobile application. My attention to detail, effective communication, and commitment to efficiency have been crucial to achieving these results.

Tech Stack : .NET,.NET Core, ASP.NET, WebForms, SignalR, WPF, WCF, Web API, JavaScript, ReactJS & Redux, Angular, NextJS, MSSQL, Firebase, Microservices, Azure, CI/CD, Azure Functions, Cloud services.

>> **Team Lead** **2018-2019**
Umbrella Techsol Pvt Ltd

It's our own startup company with the partnership of other colleagues. providing solutions for the local market and online clients. work as a technical team leads to organize and manage projects and lead other members to meet deadlines.

Tech Stack : .NET,.NET Core, ASP.NET, WebForms, SignalR, WPF, WCF, Web API, ReactJs, DevExpress, Telerik,WCF,Open source controls, SAP Crystal reports,HTML5, CSS3, Javascript es6+, Typescript,Razor Engine.

>> **Software developer .Net** **2016-2018**
Expert Point Pvt Ltd

I specialize in providing solutions for desktop applications using technologies such as Winforms, WPF, DevExpress, and Telerik. Additionally, I am proficient in developing web applications using ASP.NET MVC and WebForms. My expertise extends to building RESTful services using Web API and WCF.

>> Software developer**2015-2016****Neur Pvt Ltd**

I serve as a web developer, delivering comprehensive solutions for both front-end using ASP.NET and Angular and back-end development in .NET and NodeJS.

>> Freelance Developer**2014-2015****Desktop and web development**

I specialize in developing desktop and web applications for both local and online clients. My primary focus involves creating management systems tailored to address the specific business needs of the local market.

/ EDUCATION HISTORY**>>BUITEMS**

BS Information Technology | 2017 |3.8/4.0 cgpa

/ AREA WISE SKILL SET

>> Desktop Application : [C# , Winforms, WPF, DevExpress, Telerik, WCF, Open source controls, SAP Crystal reports]

>> Web Front-End : [HTML5, CSS3, Javascript es6+, ReactJs,Angular 8+, Typescript,Razor Engine and webforms (asp),Bootstrap,FlexBox,KendoUI,TailwindCSS]

>> Web Back-End: [C# ,Asp.net MVC, Core, Web Api, WCF Nodejs, ExpressJS, NextJS, Redis, RabbitMQ, Web socket, SignalR]

>> Databases : [SQL SERVER , MY SQL, MongoDB, Firebase Database/Cloudstore , Azure Services]

>> Mobile : [React Native]

>> Third-Party Lib : [Auth 2.0,OpenCV, Zkteco Device SDK, SMS & Payment Gateways,FFMPEG, Google SDK's]

>> Collaboration Tools: [git, Bitbucket, Team Foundation Server, Jira, Slack]

>> deployment : [Docker, Travis CI, Kubernetes, Azure CI/CD pipelines.]

>> Cloud : **AWS** [Instances, Elastic Beans, Lambda,ECS,S3]
Azure [Vms,Cloud Services,Azure Funcs,Azure Entra ID ,Container Service, Kuberneetenes Service, Block blob, Identity Server, Application Insight]

>> Personal Skills : [Problem Solving, Critical thinking , Leadership, Communication skills, Decission makking]

/ ACADEMIC PROGRESS

- > Web Master in Buitems ACM (Association of computing and Machinery)
- > Worked as Microsoft studen partner volunteer and used to conduct and organize sessions and workshops realted to microsoft events and technologies.
- > Work as a volunteer for ACM BUITEMS chapter.
- > Comparing and management for ACM and Microsoft events.
- > Participated in ICT undergraduate Research Colloquium 2017
- > Runner up of All Pakistan IET Dice Competition.

/ INTERESTS

Passionate about coding and innovation, I excel in leading and collaborating with team members to achieve collective goals. Continuously dedicated to staying at the forefront of cutting-edge technologies, I engage in ongoing learning to remain ahead of industry trends. In my leisure time, I enjoy building meaningful connections with friends, exploring new destinations through travel, and indulging in strategic video games.

/ SIDE PROJECTS

>> Smart inventory and POS management software

It is designed for small businesses seeking an easy and efficient means to manage their product life cycle. To date, it has handled transactions exceeding 10 million in value per day, leading to a remarkable 60% increase in customer revenue and an 80% improvement in efficiency. The application was developed using C#, SQL Server, Telerik components, and Crystal Reports.

>> Finance management for small business

This project was specifically crafted for small businesses to efficiently manage their day-to-day finances, encompassing essential features such as chart of accounts, customer cash ledger, general, receive, and payment vouchers, as well as alerts and notifications. Additionally, it offers comprehensive reporting in a user-friendly manner. The application was developed using .NET, ReactJS, and Node.js technologies.

>> Business Recommendation system for CPEC

This government-funded project stands out as a pioneer in recommending diverse businesses across various areas, leveraging economic indicators, opportunities, and human and capital resources. Recognized as a national-level competition runner-up (IET Dice Competition), this project was developed using the .NET stack. It features a custom recommendation algorithm tailored specifically for the unique requirements of this initiative.

>> Ecommerce custom website

This is a modern e-commerce website with all the latest features. It's built using Angular for the user interface, Firebase for real-time data updates, and NodeJS with ExpressJS for the backend. The data is stored and managed in MongoDB. This website was created for a specific client's requirements.

>> Face Recognition software for Attendance Management

Designed and implemented a face recognition system using OpenCV and Python. This innovative project streamlines attendance tracking by automatically detecting and recognizing users. By combining the power of OpenCV and Python, I created a user-friendly solution that enhances accuracy and efficiency in attendance management.

