

Muhammad Usman Javed

Senior Software Engineer | C# .NET | Azure | Automation | SaaS Builder

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Professional Summary

Actively seeking Senior Software Engineer roles. Ready for immediate onboarding. Skilled in building SaaS platforms, cloud automation, and AI-integrated backend systems.

Experienced Software Engineer with 5+ years of hands-on expertise in designing and developing enterprise-grade applications using C#/.NET Core, Azure Functions, Logic Apps, SQL Server, and RESTful APIs. Proven track record in building scalable SaaS products, automating DevOps workflows, integrating OpenAI/ElevenLabs APIs, and leading cross-functional teams in Agile environments. Special focus on CI/CD pipelines, ETL data flow design, alarm systems with persistence/deadband logic, and high-performance cloud-based automation tools.

Core Competencies

- C# .NET Core / MVC / WinForms
- Azure Functions, Logic Apps, Data Factory
- MSSQL, ETL Pipelines, DevOps, Git
- Angular, jQuery, WordPress
- AI/ML APIs (OpenAI, ElevenLabs), Automation
- SaaS Architecture, REST APIs, Python Scripting

Professional Experience

Senior Software Engineer | Octopus Digital, Lahore

Apr 2022 – Present

- Built and scaled Azure-based SaaS for Industrial Automation enabling real-time decision-making.
- Engineered Alarm Engine with deadband & persistence logic, optimizing alerts across 300k+ events.
- Created ETL desktop app for Oil & Gas data ingestion using C#, MSSQL, Azure VMs.
- Developed AI Resume Generator SaaS using OpenAI, Stripe, ElevenLabs, and YouTube Data API.
- Optimized Azure Function App for parallel processing and bulk DB inserts.

- Designed dashboards and reporting tools for millions of financial transactions.
- Automated workflows with Azure Logic Apps, Jira API integration, and SMS alert systems.

Software Engineer | Octopus Digital, Lahore

Dec 2020 – Mar 2022

- Developed web dashboards for Oil & Gas sector using Azure, .NET MVC, PowerBI.
- Built Logic App to handle duplicate tag notifications.
- Created internal automation tools for marketing using .NET MVC and jQuery.
- Implemented heartbeat monitoring for remote systems.
- Designed company website using WordPress.

Freelancer | PeoplePerHour

Jan 2017 – Dec 2020

- Led UI/UX and web development projects (WordPress, custom themes/plugins).
- Built decentralized apps (dApps) using smart contracts and blockchain integrations.

Trainee Software Engineer | Avanceon Ltd

Mar 2020 – Dec 2020

- Created cloud-based reporting system to replace manual entry using Azure, .NET MVC, MSSQL.
- Maintained and enhanced legacy apps, resolving critical bugs and scaling reliability.

Education

BS Computer Science – FAST-NUCES, Lahore (2014–2020)

FSc Pre-Engineering – Forman Christian College (2012–2014)

O-Levels – St. Anthony's High School (2010–2012)

Certifications

- IBM Blockchain Essentials V2
- IBM Blockchain Foundation Developer V2

Languages

- English (C1), Urdu (Native), Basic Chinese (A1)