Usama Ansari

Software Engineer

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Summary

Results-driven software engineer with **11 years** of experienced in designing and delivering enterprise-scale applications on cloud infrastructure. Skilled in C#, JavaScript and Azure technologies. Proven success in implementing innovative solutions, including a Server-to-Tor Link Failure Detection System and Streaming Telemetry for real-time analytics. Strong problem-solving and collaboration skills, dedicated to continuous learning and staying up-to-date with industry trends.

Skills

Language

C#, JavaScript / TypeScript, Python, HTML / CSS

Web Technologies

React, Angular, Astro, Node JS, Asp.Net Core, Rest

Cloud Technologies

IaaS, Kubernetes, Azure Services - App service, Key vault, Service Fabric, AKS, Cosmos DB, Service Bus, Event hub, OpenAI, Databricks, Data factory, SQL, Git, Terraform, CI/CD, Docker

Experience

Microsoft (8 Years)   02/05/2016 to Present
Software Engineer 2   Hyderabad

Azure Networking (Current)

1. Azure Networking is responsible for all networking needs in Microsoft. As part of that group, my focus is to manage the health of Network Devices and Design of Next-Generation infrastructure health for Azure Network and other Microsoft Cloud services, Implementation, and Operational Support.

2. Designed and implemented Serverto Tor Link Failure Detection System. A solution which is currently monitoring and detecting Link Failures on more than 3 Million Nodes on Azure.

3. Designed and Developing a solution to enable Streaming Telemetry and Real Time analytics on Link Alerts. A solution which improved alerting latency by over 10 times.

4. Designed and implemented a Device Health highly available API platform to host various services and onboarded multiple internal customer services to it to run at large scale.

Employee Experience

1. Contributed to the development of Employee Experience products used for hiring and planning university recruits worldwide.

2. Managed feature implementation across the stack, including frontend development using React and Angular, and backend development using Azure, .NET, and SQL.

Capgemini (2.5 years)   16/11/2013 to 30/04/2016
Software Engineer   Mumbai

Worked as a full stack developer to Develop consumer web applications for Abbott and SCA using .Net, Tridion, HTML, CSS, Microsoft SQL Server, and Azure.

Education

Mumbai University   01/07/2013
Information Technology   Bachelor of Science