

Sudheer Yelleti

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.NET and Azure Cloud Developer with 15 years' experience designing and deploying scalable microservices and enterprise applications. Skilled in system optimization and cross-functional collaboration, consistently delivering reliable solutions that address complex business needs and support organizational objectives.

SKILLS

Database Management: SQL Server, Azure SQL Database

Programming: C#, T-SQL

Monitoring Tools: Geneva Monitoring, Grafana, Azure Application Insights

Cloud Services: Azure App Services, Azure Functions, Azure Data Factory, Azure Kubernetes Services(AKS), Azure API Management, Azure Managed Identity, Azure Service Bus, Azure Storage

Web Frameworks: ASP.NET, ASP.NET Core, Web API

ORM/Data Access: Entity Framework, Entity Framework Core, LINQ

Version Control: Git, Team Foundation Server (TFS)

Methodologies: Agile & Scrum

WORK EXPERIENCE

Senior .NET Developer

May 2022 - Present

Infosys Limited

Vancouver, Canada

- Led a team of 8+ developers to build secure, scalable cloud-native solutions.
- Applied domain-driven design (DDD) and clean architecture to backend services, resulting in maintainable, testable, and loosely coupled codebases.
- Ensured 99.9% uptime for mission-critical services by deploying scalable microservices on Azure Kubernetes Service (AKS) with rolling updates, pod autoscaling, and health probes.
- Spearheaded modernization of legacy .NET 4.5 apps to .NET Core and Docker-based containers, reducing infrastructure overhead by 25% and improving deployment flexibility.
- Integrated Geneva monitoring and Grafana for real-time observability and alerting, cutting production incident detection time by over 50%.
- Led technical proposal development and cost estimation for 3 critical portfolio services.
- Implemented in-memory caching and async I/O strategies that improved API response time by 65% and reduced database load by 40%.

Technology Lead

Nov 2021 - Apr 2022

Infosys Limited

Vancouver, Canada

- Designed a multi-service backend system to enable real-time AI-based content scanning for Microsoft's internal tools.
- Automated regional deployments in Azure Cloud using Ev2, accelerating go-to-market readiness and ensuring consistent environment provisioning across geographies.
- Implemented automated health monitoring for Content Moderator APIs, increasing operational reliability and enabling real-time alerting for service disruptions.
- Used .NET Core, Azure Functions, AKS, and Service Bus to build fault-tolerant services for processing text, image, and video inputs.
- Collaborated with globally distributed vendor teams to drive end-to-end delivery, from development through testing and production rollout.
- Diagnosed and resolved complex service-level issues using Azure Data Explorer (Kusto), Jarvis, and Azure Application Insights, reducing incident resolution time and improving service stability.

Technology Lead

Aug 2014 - Oct 2021

Infosys Limited

Hyderabad, India

- Designed and deployed RESTful APIs for Time 2.0 labor integration, reducing manual sync efforts by 25% and enhancing cross-team data consistency.
- Built C#-based Windows services to automate data synchronization across partner systems, increasing data accuracy by 40%.
- Automated business-critical reporting workflows using Azure Data Factory, cutting manual processing time by 50%.
- Strengthened application security by integrating automated secret rotation via Azure KeyVault, achieving a 60% reduction in security related bugs.
- Architected asynchronous communication patterns with Azure Service Bus Topics, improving message throughput by 35%.
- Automated deployments using Azure DevOps Pipelines, achieving 20% faster delivery and consistent deployment practices across environments.
- Integrated Azure Application Insights for real-time telemetry and logging, enhancing observability and performance tracking by 45%.
- Leveraged Azure Traffic Manager to optimize load balancing of deployed app services, enhancing service uptime by 30%.
- Enforced secure coding standards and automated scans (Fortify, Cred Scan), reducing code vulnerabilities by 50%.
- Led TFS-to-Git migration on Azure DevOps, improving version control efficiency and collaboration by 40%.

Technology Analyst

Aug 2012 - Jul 2014

Infosys Limited

Chennai, India

- Collaborated on implementing the MVC framework, improving application structure and usability for 500+ users.
- Developed SSRS reports to project sales data, boosting campaign effectiveness by 20%.
- Optimized database stored procedures, reducing performance bottlenecks and improving application response time by 30%. Partnered with the Framework team to finalize module architecture, cutting development time by 15%.

- Managed build releases using TFS, enabling seamless deployments to UAT and Production environments with zero downtime.

EDUCATION

Bachelor in Technology

Sep 2006 - Mar 2010

Anil Neerukonda Institute of Technology and Sciences

PROJECTS

Digital Trust and Safety

Oct 2021 - Present

Microsoft's Digital Trust and Safety Team (DigiTS) provides a company-wide content moderation platform that proactively scans text, images, video, and URLs across Microsoft's online products. The system automatically identifies potentially harmful, offensive, or inappropriate content, flags violations, and routes them to human moderators through a web-based review tool. DigiTS helps ensure compliance with Microsoft policies and Terms of Use while protecting the company's reputation.

Azure Cognitive Service – Content Moderator

Oct 2021 - Apr 2022

Azure Cognitive Service – Content Moderator is an AI service that lets you handle content that is potentially offensive, risky, or otherwise undesirable. It includes the AI-powered content moderation service that scans text, image and videos and applies content flags automatically. This application leverages all the latest Microsoft technologies, and the architecture is scalable, maintainable.

Changepoint and Labor Management System

Jul 2014 - Sep 2021

The project involves enhancement development and maintenance of the Enterprise Services platform applications. These tools will be used by the Microsoft Consulting Services group and Premier Business Fields of Microsoft Corporation, for managing and tracking customer's Engagements and Contracts. These tools handles projects, tasks, time tracking, expenses incurred, billing and invoicing for an engagement or contract. This is a sustenance development project involving requirements elaboration, design, build, testing, implementation, support and production warranty scoped for applications such as Change Point, MRF.

Digital Marketing Platform

Aug 2011 - Jun 2014

The project involves creating a standard platform that simplifies the client's digital marketing by establishing a new shared service that drives standardized processes and facilitates the sharing of best practices in creating and securely delivering information across multiple digital channels. The platform enables clients to consolidate, launch, integrate, and manage digital assets and campaigns more effectively in the markets where they operate.

CERTIFICATIONS

Leveraging Generative AI for Project Management [🔗](#) by LinkedIn

Aug 2024

Career Essentials in Generative AI by Microsoft and LinkedIn [🔗](#) by Microsoft

Dec 2023

Microsoft Certified Azure Fundamentals [🔗](#) by Microsoft

Aug 2021