



**Nasir Syed**

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## Profile Narrative

Over the past several years, I've specialized in designing and delivering enterprise-grade cloud foundations on Microsoft Azure, with architectures built to support secure networking, application modernization, corporate workloads, and standardized security baselines at scale. My work centers on Azure Landing Zones and Infrastructure-as-Code, where I've architected and deployed complete cloud environments using Terraform, Azure DevOps, and Azure's native governance and security controls.

These landing zones were never theoretical exercises; they were built with a clear purpose: to onboard real customer applications. That meant working side-by-side with solution development teams, understanding their architectures, and ensuring the platform could support everything from legacy migrations to modern cloud-native workloads. This collaboration gave me deep, hands-on experience across application development, data engineering, and analytics.

I've developed and supported applications using C# (.NET), Html/JavaScript, Blazor UI/web assembly, WPF deploying them into Azure Web Apps, Container Apps, Static Web Apps and Function apps etc. I've migrated and modernized databases using Azure SQL, SQL MI and Cosmos DB (NoSQL). Built ETL and data pipelines using Azure Data Factory, integrating them with analytics platforms like Azure Synapse, Databricks (Spark), and even Hadoop-based big-data ecosystems.

Observability, operational excellence, and reliability engineering have always been central to my approach. I've implemented full-stack monitoring with Azure Monitor, Application Insights, Log Analytics, and automated alerting to ensure applications and infrastructure remain healthy, secure, and performant.

Across my eight-year career at Microsoft, I've delivered numerous POCs, prototypes, and pilots for customers, validating feasibility, shaping architectural direction, and guiding organizations through their cloud adoption journeys. Beyond delivery, I've also served as a mentor and Microsoft-certified trainer, leading workshops, teaching cloud architecture, and helping engineers and teams build confidence in Azure technologies.

My work blends architecture, engineering, and education. I build platforms that scale, applications that perform, data systems that deliver insight, and teams that grow stronger through shared knowledge.



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## Technology Summary

### Infrastructure & Cloud Architecture

- Azure Landing Zones (ALZ)
- Management Groups, RBAC, Azure Policy
- Azure Firewall, Firewall Manager
- Azure Network Manager
- Hub & Spoke / Mesh topologies
- VPN Gateway, ExpressRoute Gateway
- Private Endpoints, DNS, Route Tables
- Azure Monitor, AMPLS, Log Analytics
- Azure Automation
- Azure Key Vault
- Azure DevOps Pipelines
- Terraform (ALZ modules, custom IaC modules)
- App Service Environment v3
- Azure Front Door
- Azure Entra ID & Domain Services
- Defender for Cloud
- Network Watcher



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## Application Development

- **Languages & Development tools:** C#, JavaScript, Blazor UI/Web Assembly, .NET, .NET Core, WPF, Python, Docker, Visual Studio, VS Code, GitHub Dev Containers
- **Azure Services:**
  - Azure App Services, Web App, Function App, Static App
  - REST API and API Management
  - Azure Container Service and AKS
  - Azure DevOps, GitHub & CI/CD Pipelines
  - Azure Service bus
  - Azure Event Hub

## Data Engineering & Analytics

- Azure SQL Database/ SQL MI
- Cosmos DB (NoSQL)
- Azure Storage (Blob, File, Queue, Table)
- Database migration & modernization
- Azure Data Factory (ADF)
- Azure Synapse Analytics
- Azure Databricks (Spark)
- Hadoop ecosystem

## Monitoring & Observability

- Azure Monitor
- Application Insights
- Log Analytics Workspace
- Alerts, Action Groups and distributed tracing & telemetry



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## **Enterprise Key Management & Azure Key Vault**

- Application secrets and connection strings
- Database credentials and access tokens
- Certificates for TLS/SSL termination
- Encryption keys for data-at-rest and data-in-transit
- Terraform state encryption and pipeline secrets
- Service-to-service authentication
- Managed identities and workload identities