VENKATA ANAND LOKESH MITTAPALLI

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PROFESSIONAL SUMMARY

Azure Cloud Engineer with 5+ years of professional experience supporting, deploying, and optimizing Microsoft Azure cloud infrastructure in enterprise environments. Strong hands-on expertise in Azure compute, networking, identity, security, monitoring, automation, and DevOps pipelines. Experienced in cloud migrations, infrastructure automation, operational support (L2/L3), and cost optimization. Adept at working in production environments with strict SLA, security, and compliance requirements.

TECHNICAL SKILLS

Cloud Platform	Microsoft Azure
Azure Core Services	Azure Virtual Machines (VMs), Azure App Services, Azure Functions, Azure SQL Database, Azure Storage (Blob, File), Azure Virtual Network (VNet), Network Security Groups (NSG), Azure Load Balancer, Azure Backup, Azure Recovery Services Vault, Azure Key Vault
Identity & Security	Azure Active Directory (AAD), RBAC, Multi-Factor Authentication (MFA), Conditional Access, Identity Governance, Secure Access Controls
Automation & DevOps	Azure DevOps, CI/CD Pipelines, ARM Templates, Infrastructure as Code (IaC), PowerShell, Git
Monitoring & Reliability	Azure Monitor, Log Analytics, Alerts, Diagnostics, Performance Monitoring, Incident Troubleshooting, Root Cause Analysis
Cost & Optimization	Azure Cost Management, Resource Right-Sizing, Usage Analysis, Optimization Recommendations
Operating Systems	Windows Server, Linux (Ubuntu)
IT Operations	Incident Management, Change Management, Problem Management, ITIL-based Service Delivery

PROFESSIONAL EXPERIENCE

Azure Cloud Engineer | Moneris – Canada | January 2024 – Present

- Design, deploy, and maintain Azure cloud infrastructure supporting enterprise production and non-production workloads.
- Provision and manage Azure Virtual Machines, VNets, NSGs, Storage Accounts, App Services, and Azure SQL Databases.
- Implement Azure Active Directory (AAD), RBAC, MFA, and Conditional Access policies to enforce secure identity management.
- Configure Azure Monitor, Log Analytics, and alerting to ensure high availability, performance monitoring, and proactive issue detection.
- Support CI/CD pipelines using Azure DevOps, enabling reliable application and infrastructure deployments.
- Perform L2/L3 cloud incident troubleshooting, root cause analysis, and resolution in line with SLA requirements.
- Assist with Azure cost optimization initiatives by analyzing resource utilization and recommending right-sizing strategies.
- Collaborate with application, DevOps, and security teams to align cloud infrastructure with business and compliance needs.

Azure Cloud Engineer| Cognizant Technology Solutions | April 2019– June 2021

- Architected and supported large-scale Azure environments (compute, networking, storage, security) following enterprise standards
- Led Azure networking (App Gateway/WAF, Firewall, VPN, Private Endpoints) and AKS workload management with autoscaling and security controls
- Developed secure integrations using API Management, Service Bus, Event Grid, Logic Apps, Managed Identities, and Key Vault
- Automated provisioning and CI/CD with Terraform, ARM Templates, PowerShell, and Azure DevOps
- Executed cloud migrations, backup, disaster recovery, and performance monitoring/optimization
- Managed ITIL-aligned incident, change, and 24/7 operations in Azure

Systems Engineer| Cognizant Technology Solutions | Jan 2017– Mar 2019

- Provided L2 production support for enterprise applications and infrastructure, ensuring high availability and SLA compliance.
- Monitored systems, investigated incidents, and performed root cause analysis to resolve recurring issues.
- Supported Windows Server environments (including user access management, basic administration, and troubleshooting) and Linux servers for cloud-hosted workloads.
- Managed enterprise Azure cloud operations, including virtual machines, patching cycles, backup policies, identity & access controls, and hybrid cloud integration (on-prem ↔ Azure).

- Assisted with cloud migration initiatives (lift-and-shift of on-prem workloads to Azure) and performed post-migration performance validation.
- Implemented event-driven integrations using Azure API Management, Service Bus, Event Grid, and Logic Apps.
- Configured and maintained Azure networking components (VNets, subnets, NSGs, load balancers).
- Implemented Azure security best practices using Managed Identities, Key Vault, Conditional Access, Azure Policy, and Defender for Cloud.
- Supported backup, disaster recovery, and failover strategies using Azure Backup and Azure Site Recovery.

EDUCATION

- PGDM Cloud Data Management |Conestoga College Kitchener, Canada | May 2023 – August 2024
- B.Tech Electronics and Communication Engineering | JNTUH Hyderabad, India | Sept 2012 – August 2016

CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ-900)