SAGAR DUVVA

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Professional Summary

Azure DevOps Engineer with over 12 years of experience in CI/CD, AKS, infrastructure as code (Bicep, ARM), and Azure Boards. Skilled in building resilient pipelines, managing AKS environments, and automating infrastructure delivery with PowerShell and GitHub Actions. Proven track record of reducing deployment time, enhancing security, and optimizing operational efficiency.

Key Achievements

Led a team of 18 engineers to deliver secure, high-performing Azure infrastructure solutions at LTI Mindtree.

Implemented CI/CD pipelines and automated AKS deployments using Azure DevOps, improving deployment speed and consistency.

Reduced Azure infrastructure costs through monthly reporting and optimization strategies.

Improved compliance and operational stability by automating patch management with Azure Update Management.

Collaborated with stakeholders to design and validate infrastructure PoCs across dev, test, and prod environments.

Managed production-grade AKS clusters, including HPA, VMSS, Ingress, NSGs, RBAC, and Azure Key Vault integration.

Automated server operations with PowerShell, enhancing system efficiency and reducing manual intervention.

Technical Skills

Cloud: Microsoft Azure, Azure Kubernetes Service (AKS), Azure DevOps

Infrastructure as Code: Bicep, ARM Templates, YAML, Terraform (basic)

Automation & Scripting: PowerShell, Azure CLI, Bash

CI/CD: Azure DevOps Pipelines, GitHub Actions

Monitoring: Azure Monitor, Log Analytics, Kusto Query Language (KQL), Prometheus, Grafana

Security: Azure AD PIM, RBAC, NSG, ASG, Disk Encryption, Firewalls

Servers & Virtualization: VMware, Hyper-V, Windows & Linux Servers

Tools: Azure Boards, WSUS, Nagios, DNS/DHCP, Active Directory

Version Control: Git

Professional Experience

Azure Technical Lead

Web Synergies Pvt. Ltd. | Nov 2023 – Feb 2025

Client: Infosys Limited

Managed Azure infrastructure across production and test environments.

Handled client escalations and ensured timely technical resolutions.

Presented monthly Azure cost reports to leadership for budget optimization.

Supervised patching, monitoring, and lifecycle management using Azure tools.

Specialist – System Management

LTI Mindtree Ltd. | Mar 2017 – Sep 2023

Led Build & Infra team of 18; implemented AKS, CI/CD, and automation practices.

Deployed infrastructure with Bicep/ARM; secured resources with RBAC & encryption.

Streamlined Azure operations with PowerShell and enhanced observability via Log Analytics.

System Administrator

The Digital Group Infotech Pvt. Ltd. | Aug 2014 – Feb 2017

Managed server/network infrastructure and team of 6 engineers.

Maintained Hyper-V VMs, backup systems, and server performance.

Associate Consultant

Netcout IT Technology | Jul 2013 – Feb 2014

Client: Polaris Financial Technologies

Managed 300+ servers, VMware provisioning, patching, and performance monitoring.

Handled both Linux and Windows deployments and VM snapshots.

Associate Analyst

The Walt Disney Company | Jun 2010 – Jul 2013

Managed 100+ servers/desktops; handled AD, GPOs, and firewall policies.

Implemented backup/restore, WSUS patching, and inventory tracking.

Education

B.Sc. in Information Technology – Vinayaka Mission University (2013)

Certifications

Microsoft Certified: Azure Administrator Associate (AZ-104)