

Anjan Kumar M S

Cloud Engineer
DXC Technology

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Results-driven **CloudOps SME** with 3.5 years of experience in **Azure automation, infrastructure management, and DevOps scripting**. Proven expertise in **PowerShell, Python, Terraform, and Azure Automation Accounts** to drive operational efficiency, reduce manual efforts, and improve compliance. Strong background in **process optimization, incident reduction, and CI/CD integration**, with a focus on **collaboration, innovation, and cost optimization**.

Technical Skills

Cloud Technologies	AWS, Azure
Monitoring & Observability	Azure Monitor, Dynatrace, Log Analytics, Prometheus, Grafana.
Build Tools	Maven
OS & Infra:	Linux, Unix, Windows Server, Patch Management, Disk & Volume Management
Container Technologies	Docker, Kubernetes, AKS
Scripting	Python, Shell scripting, Git, YAML, ARM templates
Version Control System	Git, GitHub and Gitlab
Automation & Configuration:	Ansible, Puppet, Azure CLI, PowerShell, Bash
Infrastructure as Code	Terraform
CI/CD	Jenkins, Azure CI/CD, Azure Pipelines

Professional Experience

Azure Admin & Devops Engineer - Analyst I Software Engineer

Aug 2022 - PRESENT

Environment: Azure Cloud | PowerShell | Python | Terraform | GitHub | Automation Accounts | ServiceNow

Key Responsibilities & Achievements:

1. Centralization & Standardization

- Created a **centralized GitHub repository** for CloudOps scripts (Linux & PowerShell).
- Implemented **version control, peer reviews, and SME approvals**, improving collaboration and reducing script duplication.

- Conducted **knowledge transfer sessions** to upskill the team on Git fundamentals (clone, pull, push, branching).
 - Result: Improved team productivity and established a single source of truth for automation assets.
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2. Azure Automation & Patching

- Developed **automation runbooks** for patching prerequisites:
 - Base Filter Engine check
 - Enabling/disabling Windows Update services
 - Pre-patch and validation steps for Linux servers
 - Integrated with **Azure Automation Accounts** using Managed Identity and role-based access.
 - Result: Reduced patching manual effort by 60%, ensuring consistency and compliance across environments.
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3. Snapshot Cleanup Automation

- Designed a **scheduled runbook (PowerShell/Python)** to delete snapshots older than 7/30 days based on tagging standards.
 - Implemented **resource locks and confirmation checks** to avoid accidental deletions.
 - Result: Automated cleanup of unused snapshots, improving **cost optimization and storage efficiency**.
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4. Infrastructure as Code (IaC) – Terraform

- Implemented **Terraform templates** for VM and Azure service provisioning.
 - Stored reusable Terraform modules in GitHub for scalability and repeatability.
 - Developed **CI/CD pipelines** for validation and deployment via GitHub Actions.
 - Result: Faster and consistent infrastructure provisioning across Dev/Test/Prod.
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5. Access Management Automation using Ansible

- Automated **access-related Service Requests (130+ per month)** using Ansible Playbooks.
 - Built end-to-end workflow to **auto-provision user access**
 - Developed **pre-patch automation scripts** for Linux servers to capture outputs, saving significant manual time.
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6. Alert Reduction & Service Improvement

- Reduced **over 300 recurring alerts/month** from AKS, WebApp, and Event Hub by automation and tuning monitoring parameters.
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7. Major Projects

- **RSV Migration Project:** Automated VM migration with PowerShell scripts, ensuring smooth migration of 4000 CIs including VM, SQL Database and Sap Hana DBs.
- **Certificate Deployment:** Delivered **certificate deployment automation** for 800+ servers, automating 90% of the rollout effort, significantly reducing manual effort.
- **Mission critical server migration:** Migrated mission critical server from Availability set to availability zone.

Key Projects Summary

Project	Description	Impact
GitHub Script Centralization	Repository for all reusable scripts with peer reviews	Improved collaboration, reusability
Snapshot Deletion Automation	Cleanup based on tags & schedules	Cost optimization & governance
Access SR Automation	Automated user access provisioning	Time & effort savings
Terraform Implementation	IaC for VM provisioning	Scalability, consistency
Alert Reduction (AKS/WebApp)	Reduced 300+ monthly alerts	Improved stability
Linux Automation	Automated pre-patch output collection, user access management playbooks	Reduced manual efforts
Certificate Deployment	Automated certificate rollout to 800+ servers	90% automation achieved
Offering upgrade	Upgraded for 50 subscriptions using Azure Devops pipeline	Improved monitoring efficiency

Education

Nagarjuna College of Engineering and Technology — B.E in

March 2018 - June 2022

(Electronics and Communication) | CGPA 8.75/10.00

Certifications

- Microsoft Certified: **Azure Administrator Associate (AZ-104)**
- Microsoft Certified: Azure Solutions Architect Expert (AZ-305)
- **HashiCorp Terraform Associate – HashiCorp**
- AWS Certified Solutions Architect - Associate - Amazon
- ITIL Foundation