Mohammed Azam Munshi

Cloud DevOps Engineer

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PROFESSIONAL SUMMARY

Dynamic Cloud Solution Architect with 10+ years of experience in Unix/Linux system administration and 5+ years DevOps practices, specializing in AWS/Azure/GCP cloud infrastructure, CI/CD pipeline development, and automation using Terraform. Proven expertise in reducing cloud costs by 50%, enhancing system reliability, and driving operational efficiency. Adept at leveraging tools like Docker, Kubernetes, and GitLab to streamline deployments and optimize processes.

TECHNICAL SKILLS

Cloud Platforms: AWS, Azure, GCP
Tools: Docker, Kubernetes, GitHub, Jenkins, Ansible, terraform
OS: Linux (RedHat, Ubuntu), AIX, VIO, HACMP
Monitoring & Logs: Prometheus, Grafana, AWS CloudWatch
Security: SSL/TLS, ACM, IAM, Secrets Manager
IaC & Automation: Terraform, Shell Scripting, Git, Ansible, Python, yaml

PROFESSIONAL EXPERIENCE

Cloud DevOps Engineer (Oct 2023 - Present)

T Systems ICT Pvt Ltd, Pune

• Led secure AWS architecture design and deployment using EC2, S3, RDS, ALB, Target Groups, Route 53 (PHZ), VPCs, IAM, and ACM.
• Developed reusable Terraform modules to automate infrastructure provisioning and compliance enforcement.
• Created CI/CD pipelines using GitHub, CodePipeline, and CodeBuild for Signify (Philips), improving deployment frequency by 40%.

Cloud Infrastructure Engineer (Sep 2019 - Sep 2023)

Tata Consultancy Services (TCS), Hyderabad

• Managed hybrid cloud infrastructure (Azure & AWS) across 500+ Linux VMs for global clients like Amway.
• Automated deployment pipelines using Terraform, Jenkins, and GitHub for infrastructure and application rollouts.
• Implemented secure VPC design with subnets, security groups, IAM, Secrets Manager, System Manager, and log integration for compliance.
• Monitored cloud performance and security posture using CloudWatch, ELB logs, and system manager.

Senior System Administrator (Dec 2017 - Sep 2019)

HCL, Noida

• Managed and configured high-availability Unix/Linux environments, ensuring system reliability and performance uptime of 99%.
• Performed system tuning and optimization on Linux servers, focusing on kernel parameters and resource management.
• Developed shell scripts to automate repetitive tasks, reducing operational effort by 80%.

System Administrator (Jun 2015 - Dec 2017)

IBM, Bengaluru

• Designed, planned, installed, and provided technical support for UNIX systems, including software, hardware, and firmware.
• Built new LPARs (AIX/VIO) using OS clones and OS migrations via NIM, reducing provisioning time by 50%.
• Led VIO Server operations projects such as upgrades, storage allocation, and virtual adapter assignments, improving system performance by 50%.

System Administrator (Sep 2013 - Jun 2015)

Atos, Mumbai

• Installed, migrated, and maintained AIX operating systems and servers, ensuring compliance with operational standards.
• Provided support for AIX OS suites, including HACMP, HMC, VIOS, and Linux, reducing downtime by 90%.

System Administrator (Jan 2010 - Sep 2013)

IBM (Collabera payroll), Pune

• Performed system tuning and optimization on Linux servers, focusing on kernel parameters and resource management.
• Designed, planned, installed, and provided technical support for UNIX systems, including software, hardware, and firmware.

PROJECTS

Signify (Philips)
• Secure Cloud Architecture: Designed and managed SSL-secured EKS workloads with GitOps via ArgoCD. Implemented end-to-end TLS encryption, automated cert renewals, and IAM hardening.
• Linux VM Migration to FCI Private Cloud (Oct 2023 – Dec 2023): Performed seamless VM migrations using HCX, VLAN extension, and gateway cutovers. Implemented automation scripts to reduce manual effort by 50%.
• Linux On-prem VM Migration to AWS (Oct 2023 – Dec 2023): Reduced migration time by 50% through optimized planning and automation.

Amway
• Hybrid Cloud Migration (2021 – 2023): Migrated apps from Azure to AWS ECS with Fargate, integrated ACM, S3, and RDS. Automated deployments using CodePipeline, improving rollout time by 60%.
• Automation using Shell Scripts (Jan 2022 – Mar 2022): Collaborated with teams to integrate testing automation, improving release quality by 50%.

EDUCATION
B.Sc (IT), University of Mumbai, Mumbai, Maharashtra – Jun 2006

CERTIFICATIONS
AWS Cloud Practitioner
IBM Certified AIX SME
Certified Linux Admin