

Mahroof PK

Senior DevOps Engineer

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PROFESSIONAL SUMMARY

Results-driven Senior DevOps Engineer with 9 years of experience delivering enterprise-grade cloud, on-premises, and DevSecOps solutions for large-scale, mission-critical platforms across Azure and AWS. Proven expertise in designing highly available infrastructure, Kubernetes platforms, Infrastructure as Code using Terraform and Ansible, and robust CI/CD pipelines that accelerate secure software delivery. Experienced in building observability and reliability practices using GitOps, DevSecOps, Prometheus, Grafana, and SRE principles to reduce downtime, strengthen operational resilience, and improve deployment velocity.

WORK EXPERIENCE

Sr DevOps Engineer

January 2024 – Present

E& Enterprise · Dubai

Lead DevOps and platform engineering for in-house and major UAE government projects, owning end-to-end Azure and air-gapped on-premises infrastructure, Kubernetes platforms, CI/CD strategy, and infrastructure automation. Drive GitOps deployments using ArgoCD and Helm for 30+ microservices across development, staging, and production environments, while embedding DevSecOps controls including Trivy vulnerability scanning, Gitleaks secret detection, and policy enforcement. Build highly available, observable platforms using Prometheus, Grafana, Loki, exporters, Azure Application Gateway, and load balancers; lead Docker Swarm-to-AKS migrations, manage HA PostgreSQL and MySQL services, and collaborate with development, infrastructure, network, and customer teams to deliver secure, scalable application platforms.

Sr DevOps Engineer

July 2016 – June 2023

Sprinklr India Pvt Ltd · Bangalore

Implemented end-to-end CI/CD pipelines using Jenkins, GitHub Actions, GitLab CI, and Azure DevOps, applying GitOps practices across AWS EKS and Azure AKS for reliable large-scale microservices deployments. Developed Groovy-based declarative Jenkins pipelines using Maven and Gradle build tools for application build, test, security scanning, container image creation, and deployment automation. Architected highly available Kubernetes platforms with autoscaling, capacity planning, DevSecOps controls, and zero-trust networking to improve resilience and security. Managed Artifactory and Nexus artifact repositories as part of CI/CD pipelines, enforcing artifact versioning and dependency governance across 25+ microservices. Built centralized observability using Prometheus, Grafana, and ELK; automated cloud provisioning with Terraform; and optimized infrastructure costs through right-sizing, tagging, and reserved-instance strategies.

Sr. Infrastructure Consultant

June 2015 – June 2016

NTT Data GDS · Bangalore

Administered and automated hybrid infrastructure comprising 200+ Linux and Windows servers using Ansible, Bash, and PowerShell, reducing manual effort and improving operational efficiency. Managed Apache Tomcat and GlassFish application servers supporting 30+ enterprise applications with high availability. Implemented proactive monitoring using Nagios, CloudWatch, and New Relic, and partnered with development teams to optimize application performance and reduce response times.

Sr. Associate Infrastructure Operations

March 2013 – June 2015

HCL Infosystems · Bangalore

Administered and supported 20+ Windows servers in enterprise data-centre environments, including physical server installation, configuration, and rack management. Assisted with network performance optimization and outage troubleshooting, improving infrastructure resilience and supporting critical systems with 99%+ SLA adherence. Provided end-user support and application monitoring, resolving infrastructure and application incidents within agreed SLA timelines.

EDUCATION

Bachelor of Engineering (B.E.) in Information Technology

August 2012

HKBK College of Engineering

SKILLS

Cloud Platforms Amazon Web Services (AWS), Microsoft Azure	Container Orchestration Kubernetes (EKS, AKS), Docker Swarm, Helm, OpenShift (familiar)	Infrastructure as Code (IaC) Terraform, Ansible
CI/CD GitHub Actions, Jenkins, GitLab CI	GitOps ArgoCD	Monitoring & Observability Prometheus, Grafana, ELK Stack, Grafana Loki
Programming & Scripting Python, Bash / Shell Scripting, YAML / JSON	AWS Services EC2, ECR, RDS, VPC, Route 53, IAM, Application Load Balancer (ALB)	Azure Services Azure App Service, AKS, ACR, Azure Application Gateway, Azure Front Door, Azure Load Balancer, Azure Virtual Network (VNet), Azure Managed MySQL, and Azure Database for PostgreSQL.
Methodologies Site Reliability Engineering, Agile / Scrum, DR Planning	DevSecOps Trivy, Snyk, Vault, Gitleaks, SonarQube	Infrastructure Air-Gapped Infrastructure Experience

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Amazon Web Services · Jan 2023

Certified Kubernetes Administrator (CKA)

Cloud Native Computing Foundation (CNCF) · August 2022

Azure Administrator (AZ-104)

Microsoft · June 2023

LANGUAGES

English · Fluent