M S Farhan

Bengaluru, India | +91 97439 27599 | msfarhan.official@gmail.com | linkedin.com/in/farhan-sre

Summary

Senior Site Reliability Engineer with 6+ years operating production systems on AWS and GCP, supporting 2,000+ microservices at Kubernetes scale. SLO-driven engineer with proven impact across CI/CD modernization, observability, FinOps, and incident response—delivered 23% GKE cost reduction, 45% faster MTTR, and significant toil reduction through Python and Terraform automation. Trusted on-call lead, mentor, and incident responder.

Technical Skills

Cloud & IaC:	AWS, GCP, Terraform, Ansible
Containers & Orchestration:	Kubernetes (GKE, EKS), Docker, Helm, Kustomize
CI/CD & GitOps:	GitHub Actions, Jenkins, ArgoCD
Observability:	Prometheus, Grafana, Loki, Promtail, Alloy, Datadog
Languages & Scripting:	Python, Bash, Go
SRE Practices:	SLI/SLO design, Error Budgets, Incident Response, On-call, Postmortems, Toil Reduction, FinOps

Experience

Senior Site Reliability Engineer Jul 2025 – Present
GlobalLogic *Bengaluru, India*

- Migrated CI/CD from Jenkins to GitHub Actions and ArgoCD (GitOps) across 2,000+ microservices, upgraded logging pipeline from Promtail to Alloy, and shifted container registry from GCR to GAR—improving deployment frequency and release auditability.
- Defined SLIs/SLOs for critical services and built proactive observability with Prometheus and Grafana, reducing MTTR by 45% and cutting alert noise across the platform.
- Automated provisioning, scaling, and decommissioning of 900+ servers using Terraform and Ansible, eliminating manual toil and standardizing infrastructure baselines.
- Reduced GKE compute costs by 23% through Vertical Pod Autoscaler (VPA) tuning and workload rightsizing with PerfectScale, sustaining performance under production load.

Senior Site Reliability Engineer Mar 2022 – Jul 2025
Exabeam *Remote*

- Owned on-call rotation for production Kubernetes services on GKE; resolved complex incidents (PVC failures, CrashLoopBackOff, ImagePullBackOff, Ingress errors, node misconfigurations) and authored runbooks and postmortems that progressively reduced MTTR.
- Defined SLIs/SLOs and built Prometheus-based alerting and Grafana dashboards supporting error budget tracking and data-driven on-call decisions.
- Rolled out just-in-time (JIT) Kubernetes and GCP least-privilege access via Entitle, applying RBAC and audit logging to eliminate standing privileges and strengthen compliance posture.
- Developed Python automation to push custom application metrics to Prometheus and orchestrate security workflows via the CrowdStrike API, reducing manual security toil.
- Built and maintained GitHub Actions pipelines for PR validation, image pushes, and Terraform deployments; implemented Velero-based disaster recovery with automated cluster backups and failover testing for critical services.

Lead DevOps Engineer Jul 2020 – Feb 2022
Bharati Robotic Systems India Pvt Ltd *Pune, India*

- Led on-premise to AWS migration of the robotics stack; containerized services and built CI/CD with AWS RoboMaker, Lambda, and SNS, achieving 40% faster deployments.
- Scaled AWS infrastructure (EC2, IoT Core, RoboMaker) with autoscaling and integrated CloudWatch and Prometheus observability; built WebSockets dashboards for proactive fleet maintenance.
- Engineered low-latency robot-to-device communication with WebRTC and WebSockets, enabling remote tele-operation and real-time telemetry.
- Managed GitHub repositories, enforced branching strategy, automated deployments, and mentored a 10-member engineering team.

Certifications

Google Cloud Professional Cloud Architect Valid through Aug 2026

Education

Manipal Academy of Higher Education Manipal, India
Master of Engineering, Cloud Computing *Jul 2018 – Jun 2020*
Vinayaka Mission University Chennai, India
Bachelor of Engineering, Computer Science *Jul 2013 – May 2017*