

Mohamed Nabeem P

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PROFESSIONAL SUMMARY

Staff Site Reliability Engineer | AWS Solutions Architect Professional with 5+ years of experience building and operating production infrastructure from bare-metal datacenters to Kubernetes and AWS. Focused on reliability, platform automation, incident response, GitOps, observability, and cost-efficient infrastructure at scale.

TECHNICAL SKILLS

Languages, Clouds and Databases : Python, Bash, Go, AWS, Azure, GCP, NoSQL, SQL
DevSecOps : Snyk, Trivy, Checkov, Terrascan, Kyverno, OPA Gatekeeper, Falco, Vault
CI/CD & IaC : Jenkins, GitHub Actions, ArgoCD, CloudFormation, Terraform, Crossplane, Ansible, Helm, Kustomize
Containers & Orchestration : Kubernetes, Docker, Containerd, EKS, KOps, Istio, Linkerd, Karpenter, Calico, Cilium
Monitoring & Metrics : Prometheus, Thanos, Grafana, Mimir, Datadog, Pyroscope
Logging & Tracing : Elastic, Fluent Bit, Loki, Tempo, OpenTelemetry, Jaeger
Additional Tools : Linux, Git, Nginx, K6, ToxiProxy, LitmusChaos

EXPERIENCE

Staff Site Reliability Engineer | Zscaler | Bengaluru, KA June 2026 – Present

- Own provisioning of the bare-metal datacenter servers and clusters that power Zscaler’s cloud security platform, supporting enterprise internet traffic at global scale.
- Automating end-to-end bare-metal server provisioning and configuration with Python and Ansible to enable repeatable, scalable datacenter buildouts.

Site Reliability Engineer II | Vonage, Part of Ericsson | Bengaluru, KA June 2025 – June 2026

- Owned reliability and operations for 8 hybrid Kubernetes clusters (self-hosted and EKS), supporting **100+** microservices under a **99.9%** SLA.
- Led resolution of **15+** critical production incidents across Prometheus, disk pressure, and CPU/memory saturation, reducing MTTR by **30%** through improved alerting and RCA dashboards.
- Led migration from KOps-based Kubernetes to Amazon EKS using ArgoCD and Helm, reducing operational overhead by **40%** and improving platform scalability.
- Re-architected Kubernetes autoscaling from Cluster Autoscaler to Karpenter, improving pod scheduling by **25%** and reducing compute costs by **15%**.

DevOps Engineer | DataGrok Analytics Private Limited | Bengaluru, KA June 2022 – June 2025

- Engineered AWS security and governance automation using Python-based Config rules across commercial and GovCloud environments, reducing security violations by **80%**.
- Orchestrated infrastructure and compliance deployment across **340+ AWS accounts** using CloudFormation and Jenkins, reducing manual provisioning effort by **95%**.
- Designed and deployed a scalable Jenkins architecture on AWS ECS Fargate, reducing infrastructure costs by **35%** and deployment time by **45%**.

Assistant System Engineer | Tata Consultancy Services | Chennai, TN January 2021 – June 2022

- Supported 24x7 production systems, troubleshooting application and infrastructure incidents and building Splunk dashboards to improve operational visibility and response times.

EDUCATION

Saranathan College of Engineering **BE in Computer Science and Engineering** | Trichy, TN June 2016 – May 2020

PROJECTS

Reach | Go, FastAPI, AWS Lambda, Kubernetes, PostgreSQL, DynamoDB, MCP github.com/Beem0807/reach

- Built an open-source platform for giving AI agents secure, controlled access to machines and Kubernetes environments via outbound HTTPS, without SSH, VPNs, or inbound ports.

EKS GitOps Platform | EKS, Terraform, ArgoCD, Karpenter, Prometheus, Grafana github.com/Beem0807/eks-gitops-platform

- Built a production-style EKS GitOps platform that declaratively manages infrastructure, workloads, autoscaling, observability, backup, secrets, and policy across roughly 30 platform components.

CERTIFICATIONS

AWS Solutions Architect – Professional
AWS Developer – Associate

HashiCorp Terraform Associate
Microsoft Azure Administrator Associate