Jamil Rafique Shaikh

Senior Site Reliability Engineer | DevOps

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CERTIFICATIONS

CKAD (Certified Kubernetes Application Developer) • **AZ-400** (DevOps Engineer Expert) • **AZ-104** (Azure Administrator) • **HashiCorp Terraform Associate**

CORE SKILLS

Cloud Platforms	AWS (EKS, EC2, S3, IAM, VPC, CloudWatch), Azure (AKS, DevOps, Entra ID), GCP (GKE, Cloud Run, Artifact Registry)
Containers	Kubernetes (EKS, AKS, GKE, Kubeadm, Talos Linux, OpenShift), Docker, Containerd, Helm
IaC & Automation	Terraform, Terragrunt, CloudFormation, Crossplane, Ansible
GitOps & CI/CD	ArgoCD, FluxCD, GitHub Actions, Azure DevOps, Jenkins, GitLab CI
Observability	Prometheus, Grafana, Loki, Datadog, CloudWatch
Scripting	Bash/Shell, Python
Platform & DR	Velero, SOPS, MetalLB, OpenStack, pfSense

PROFESSIONAL EXPERIENCE

Senior Site Reliability Engineer | *InfraCloud Technologies (Improving Pune)* Sep 2024 - Present
Keywords: AWS, GCP, GKE, EKS, Terraform, Terragrunt, ArgoCD, GitHub Actions, Crossplane, Talos Linux, Prometheus, Grafana, Velero, SOPS

- Led migration of 7+ microservices from Google App Engine to GKE, designing CI/CD pipelines with GitHub Actions for automated multi-environment deployments, reducing production rollback risks.
- Architected a production-grade on-premises Kubernetes platform using Talos Linux and Crossplane, enabling GitOps-driven hybrid cloud management from a single control plane.
- Deployed ArgoCD App-of-Apps pattern to orchestrate the full platform stack (Prometheus, Grafana, Loki, Velero, Ingress), establishing self-service developer deployments with centralized governance.
- Designed Grafana dashboards and integrated ManageEngine for automated incident ticketing, improving alert visibility and mean time to detect (MTTD).
- Implemented Velero-based disaster recovery and SOPS secret management across hybrid environments, ensuring cluster-state restorability and compliance.
- Provided technical leadership and operational runbooks to client engineering teams for day-2 operations and troubleshooting.

Senior DevOps Engineer | *Opcito Technologies* Oct 2022 - Sep 2024
Keywords: Azure, AKS, Terraform, Azure DevOps, Datadog, GitHub Actions, SAST/DAST, Cost Optimization

- Managed production Azure infrastructure (AKS, VMSS, Key Vault, CDN, DNS) and designed end-to-end CI/CD pipelines in Azure DevOps, improving deployment consistency by 30%.
- Integrated Datadog APM, logs, and monitors across the stack, cutting mean time to resolution (MTTR) and reducing security incidents by 40% through automated scanning (SAST, SCA, DAST).
- Optimized cloud resource utilization, achieving 20% cost reduction while maintaining SLA targets through right-sizing and autoscaling policies.
- Planned and tested disaster recovery procedures, ensuring business continuity across failure scenarios.

Senior Engineer R&D DevOps | *Alepo Technologies* Aug 2021 - Oct 2022
Keywords: OpenShift, OpenStack, Jenkins, Helm, Kubernetes, 5G VNF, jMeter, C++

- Built Jenkins CI/CD pipelines for containerized 5G VNF images and developed Helm charts with tracing, alerting, and routing features for Kubernetes deployments.

- Led deployment of OpenShift Kubernetes platform on OpenStack for Samsung Korea, significantly improving infrastructure scalability and deployment agility.
- Conducted stress testing with jMeter on VNFs to validate load capacity and performed code reviews across the development team to ensure quality.

Professional Services DevOps Engineer | *Allot Communications* Nov 2019 - Jul 2021
Keywords: OpenStack, Kubernetes HA, Ansible, Prometheus, On-Prem, Telecom (ePLDT, Airtel, Lycamobile, MTN Uganda)
- Deployed on-premises Kubernetes HA clusters on OpenStack for enterprise telecom clients across Philippines, India, and Uganda, enabling scalable development and testing environments.
- Automated infrastructure deployments using Ansible and Bash scripting, streamlining release rollouts and reducing manual operations across multiple client sites.
- Created Methods of Procedure (MOPs) for production deployments and managed on-site rack configuration and hardware installation.

Linux Server Administrator | *Change Networks* Sep 2018 - Apr 2019
Keywords: AWS, Route53, EC2, RDS, VPC, LAMP, Linux
- Spearheaded migration of on-premise LAMP infrastructure to AWS (EC2, RDS, Route53, VPC), improving scalability and reducing downtime.

Linux Server Administrator | *Super Petroleum Products* Jan 2015 - Aug 2018
Keywords: Linux, Windows Server, pfSense, LDAP, SSH, VPN
- Managed Linux/Windows server environments, pfSense firewall, LDAP services, and remote access infrastructure, establishing foundational IT operations and security practices.

PROJECTS & OPEN SOURCE

autofix-dojo - Kubernetes Operator for Automated Vulnerability Remediation
- Building a Kubernetes operator that integrates DefectDojo with cluster infrastructure to automatically remediate container vulnerabilities through image version bumps and automated PR creation.
- Designed as a CLI-first service with GitOps integration, targeting measurable SLO improvements for vulnerability remediation timelines.

Homelab Infrastructure - Self-hosted Kubernetes Platform
- Operates a multi-node homelab running Proxmox virtualization with Talos Kubernetes clusters, deploying production-grade workloads including Grafana, Prometheus, ArgoCD, Longhorn storage and Traefik.
- Continuously validate platform engineering practices (GitOps, observability, DR) in a hands-on environment before applying to client infrastructure.

EDUCATION

B.Sc. in Information Technology - Pillai's College, Mumbai 2014 – 2018
Diploma in Computer Engineering - DY Patil Polytechnic, Mumbai 2007 – 2013