

RIZVAN SHEIKH

Lead DevSecOps | SRE & Platform Engineer | Kubernetes & GitOps | Multi-Cloud Azure, AWS & GCP
Hyderabad, India • +91 7020025123 • sheikhrizvan779@gmail.com • [LinkedIn.com/sheikhrizvan](https://www.linkedin.com/in/sheikhrizvan)

PROFESSIONAL SUMMARY

- Lead DevSecOps, SRE and Platform Engineer with 12+ years of overall IT experience — including 7+ years specializing in cloud, Kubernetes and DevOps/SRE — designing, securing and scaling production platforms for enterprise BFSI clients.
- Deep Kubernetes expertise across Azure AKS, AWS EKS, Google GKE and DigitalOcean DOKS — containerized microservices, Helm, KEDA autoscaling, and zero-downtime release strategies for regulated financial workloads.
- Drives GitOps delivery (Argo CD / Flux) and reusable YAML CI/CD on Azure DevOps, GitHub and Jenkins, enabling declarative, auditable, one-click provisioning and deployments.
- Strong SRE practitioner — defines SLI/SLO and error budgets, owns availability and incident response, and runs blameless postmortems to sustain resilient, highly available production systems.
- Builds full-stack observability with Prometheus, Grafana, the ELK Stack and New Relic — unified metrics, logs, traces, dashboards and alerting that cut MTTR.
- Embeds DevSecOps end-to-end — SonarQube, Checkmarx, Mend, Aqua Security and Qualys gates in CI/CD — with proven success in security assessments, audits and regulatory compliance.
- Delivers AI/MLOps on Azure — Azure AI Foundry, Azure OpenAI, Databricks and Azure Data Factory — with governed, reproducible model lifecycles automated through Azure DevOps.
- Automates operations with Python, PowerShell and Bash on Linux and Windows, and leads disaster recovery (RTO/RPO) design, platform reliability and mentoring of junior engineers.

CAREER HIGHLIGHTS

- **Engineered one-click tenant onboarding** — a fully automated, pipeline-driven provisioning workflow spanning cloud, data and security layers — dramatically reducing client setup time for BFSI tenants.
- **Sustained high availability** for production platforms through SRE practices, DR design (RTO/RPO) and proactive incident resolution across a 16x5 operational window.
- **Hardened security posture** — integrated SAST/DAST/SCA and container scanning into CI/CD and achieved full compliance in security audits while mitigating critical vulnerabilities.
- **Reduced operational toil** by automating provisioning, deployments and routine tasks with Python, PowerShell and Bash.
- **Improved platform elasticity** using KEDA-based autoscaling of Docker agents to absorb workload spikes reliably.
- **Architected enterprise AI solutions** on Azure AI Foundry with Azure OpenAI and Cognitive Services, backed by governed MLOps pipelines.
- **Standardized GitOps delivery** across teams with Argo CD/Flux and reusable YAML pipelines, improving deployment consistency and traceability.
- **Mentored and uplifted DevOps engineers** through code reviews and best-practice coaching across CI/CD, cloud and security.

TECHNICAL SKILLS

Cloud Platforms:	Microsoft Azure (Compute, Networking, Storage, Security, PaaS), AWS (EC2, EKS, ECS, ECR), Google Cloud (GKE), DigitalOcean (DOKS)
Containers & Orchestration:	Kubernetes (AKS, EKS, GKE, DOKS), Docker, Helm, KEDA, multi-stage builds, ingress & service mesh
GitOps & CI/CD:	Argo CD, Flux, Azure DevOps, GitHub Actions, Jenkins, YAML pipelines, CI/CD architecture, branching & release strategy

SRE & Observability:	Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), New Relic, SLI/SLO, error budgets, on-call & incident management, RTO/RPO & DR
DevSecOps & Security:	SonarQube, Checkmarx, Mend, Aqua Security, Qualys, JFrog Artifactory, threat modeling, secure SDLC, compliance & audits
IaC & Automation:	Terraform, ARM Templates, Ansible Tower, pipeline-driven provisioning
Data & AI Platforms:	Azure AI Foundry, Azure OpenAI, Azure Cognitive Services, Databricks, Azure Data Factory, Power BI, MLOps
Languages & Scripting:	Python, PowerShell, Bash, YAML, JavaScript/jQuery, PHP, HTML & CSS
Operating Systems:	Linux, Windows Server (IIS deployments)
Methodologies:	GitOps, SRE, DevSecOps, Agile/Scrum, ITIL, platform engineering

PROFESSIONAL EXPERIENCE

Lead DevOps / SRE & Platform Engineer — BFSI Clients

EY GDS (Ernst & Young Global Delivery Services)

Dec 2022 – Present

Hyderabad, India

Lead platform, reliability and security engineering for enterprise BFSI clients — owning Kubernetes platforms, GitOps delivery, observability, DevSecOps and AI/MLOps across multi-cloud environments.

Kubernetes & Platform Engineering

- **Engineered containerized microservices** on Kubernetes (AKS/EKS) and modernized release workflows with reusable YAML-based pipelines in Azure DevOps.
- **Implemented dynamic autoscaling** of Docker-based build agents using KEDA, improving elasticity and reliably handling workload spikes.
- **Designed one-click tenant provisioning** — a fully automated, pipeline-driven workflow spanning cloud, data and security layers — streamlining BFSI client onboarding.
- **Centralized artifact management** with JFrog Artifactory, optimizing storage and establishing a secure, reliable software supply chain.
- **Operated multi-cloud Kubernetes** across AKS, EKS, GKE and DOKS, standardizing Helm-based packaging and ingress/network policies for portability and security.
- **Tuned cluster capacity and cost** — right-sized node pools, configured requests/limits and autoscaling to balance performance against spend for BFSI workloads.

GitOps & CI/CD

- **Architected GitOps delivery** (Argo CD / Flux) for declarative, auditable deployments and promotion across Dev, Staging and Production.
- **Owned Azure DevOps platform health** — availability, stability and performance — proactively resolving pipeline failures and raising overall reliability.
- **Standardized reusable pipelines** and templated provisioning to enforce consistency across teams and environments.
- **Implemented progressive delivery** (blue-green and canary) with automated rollback, de-risking releases of microservices to production.
- **Built self-service developer** workflows so teams could provision environments and deploy via guard-railed pipelines without manual ops intervention.

Site Reliability & Observability

- **Owned Disaster Recovery design and operational readiness** — meeting RTO/RPO objectives and ensuring production resiliency.
- **Built observability** with Prometheus, Grafana, the ELK Stack and New Relic — metrics, logs, traces, dashboards and alerting for fast detection and triage.
- **Provided production support across a 16x5 window** — incident resolution and root-cause analysis to prevent recurring issues, applying SLO-driven reliability practices.

- **Defined SLIs/SLOs and error budgets** for key services and built alerting and on-call runbooks to drive consistent, measurable reliability.

DevSecOps & Security

- **Operationalized DevSecOps with InfoSec** — embedding automated compliance checks and vulnerability assessments directly into CI/CD.
- **Integrated SonarQube, Checkmarx, Mend, Aqua Security and Qualys** into pipelines to enforce code-quality gates and comprehensive scanning.
- **Directed security assessments and audits** — achieving full regulatory compliance and proactively mitigating critical vulnerabilities.
- **Drove secure SDLC** — threat modeling and secure-coding standards in partnership with development teams.

AI / MLOps & Data Platforms

- **Architected enterprise AI solutions** on Azure AI Foundry, integrating Azure OpenAI and Cognitive Services for intelligent business applications.
- **Established MLOps workflows** on Azure DevOps to automate the full AI model lifecycle with reproducible builds, governance and streamlined production deployment.
- **Built secure data infrastructure** for Azure Data Factory, Databricks and Power BI, ensuring connectivity and operational stability across environments.

Leadership

- **Mentored junior DevOps engineers** — technical guidance, code reviews and best practices across CI/CD, cloud and security.
- **Acted as a bridge** between engineering, security and leadership, aligning delivery with stakeholder and compliance goals.

Environment: Azure (AKS, Az DevOps, ADF, Databricks, AI Foundry, OpenAI), AWS (EKS), GCP (GKE), Docker, Kubernetes, Helm, KEDA, Argo CD, Terraform, ARM, Ansible, JFrog, SonarQube, Checkmarx, Mend, AquaSec, Qualys, Prometheus, Grafana, Python, PowerShell, Bash.

Senior DevOps Engineer

UST Global (U S Technologies International)

Aug 2018 – Dec 2022

Trivandrum, India

- **Managed end-to-end build and release** — dependency management, deployment strategies and environment coordination across Dev, QA, UAT, Staging and Production.
- **Designed and maintained CI/CD pipelines** on GitHub and Azure DevOps, supporting scheduled, nightly, milestone and on-demand builds.
- **Defined branching and release strategies** for multiple concurrent development streams and controlled release cycles.
- **Built and operated Kubernetes platforms** — multi-stage Dockerfiles, Helm-integrated promotion from Dev to Staging to Production.
- **Onboarded applications onto AKS and EKS** end-to-end, from customer setup to deployment on Azure and AWS Kubernetes clusters.
- **Operated AWS container services** — ECS, EKS and ECR — supporting scalable production workloads.
- **Provisioned Azure infrastructure** — Virtual Networks, VMs, NSGs, Storage Accounts and Recovery Services Vaults/Plans — for server migration initiatives.
- **Provided container support** for Go, Node.js and Python teams and automated repetitive configuration/deployment tasks via scripting.
- **Monitored applications and private-cloud VMs** to ensure availability and operational stability.
- **Performed Windows/IIS deployments** via PowerShell automation and supported developers with code merging and build-failure resolution.
- **Ran knowledge-transfer and onboarding** for SCM and operations teams on new applications, build and deployment processes.

Senior DevOps Engineer

Mindtree (LTIMindtree)

May 2016 – Sep 2018

Pune, India

- **Managed build and release pipelines** using TFS and Azure DevOps for enterprise applications.
- **Implemented branching, labeling and merging** strategies to support multiple concurrent release cycles.
- **Configured nightly and scheduled builds** to validate code stability and integration readiness.
- **Automated configuration and deployment tasks** using PowerShell and Bash scripting.
- **Managed artifacts and versioning** using Azure Artifacts for NuGet and npm packages.
- **Provisioned Azure infrastructure** — VMs, App Services, Storage Accounts and SQL Databases.
- **Supported UAT and Production releases** ensuring deployment accuracy and minimal downtime, and collaborated on release-readiness activities.
- **Enforced code quality** with branching policies and pull-request validations, and resolved build/deployment issues from log analysis.

Environment: Azure, TFS, Azure DevOps, Azure Artifacts, PowerShell, Bash, Windows, SQL.

Software / Application Engineer (Early Career)

IBM

Jul 2014 – Apr 2016

Pune, India

- **Developed and maintained enterprise applications** — analyzing requirements, authoring BRD and design documents, and coding/unit-testing per specification.
- **Supported and enhanced production applications** — handling change requests, resolving technical issues and maintaining onsite/offshore environments.
- **Built foundations** in SDLC, release readiness and structured software delivery that underpinned the move into DevOps and cloud.

KEY PROJECTS (BFSI)

- **One-Click BFSI Tenant Onboarding** — Designed an automated, pipeline-driven provisioning platform that stands up cloud, data and security layers for a new tenant in a single workflow, cutting onboarding from days to minutes.
- **Disaster Recovery & Resiliency Program** — Architected and operationalized DR environments meeting RTO/RPO targets, with tested failover and runbooks for revenue-critical financial systems.
- **DevSecOps Pipeline Hardening** — Embedded SonarQube, Checkmarx, Mend, Aqua and Qualys into CI/CD with enforced quality/security gates, achieving full audit compliance.
- **Unified Observability & SLOs** — Rolled out Prometheus, Grafana, ELK and New Relic with per-service SLOs and alerting, replacing fragmented monitoring and reducing MTTR.
- **Enterprise AI Platform** — Built Azure AI Foundry / Azure OpenAI solutions with governed MLOps pipelines on Azure DevOps for reproducible, compliant model delivery.
- **KEDA Autoscaling Modernization** — Replaced static build agents with KEDA-driven autoscaling of Docker agents, absorbing peak pipeline load while reducing idle compute cost.
- **Secure Artifact Supply Chain** — Implemented JFrog Artifactory with access controls and retention policies, centralizing binaries and improving build reproducibility and storage efficiency.

BFSI DOMAIN & COMPLIANCE

- **Regulated delivery** — experienced operating within audit, change-management and compliance requirements typical of banking, financial services and insurance.

- **Security & data protection** — least-privilege access, secrets management, vulnerability management and secure SDLC for sensitive financial data.
- **Resilience for critical systems** — DR/HA design, SLO-driven operations and incident management for money-movement and customer-facing workloads.

CERTIFICATIONS & FOCUS AREAS

- **AIOPS Foundation** (Cert – GR564000652RS) by DevOps Institute (Peoplescert.org) – valid till **09/06/2029**

PROFESSIONAL STRENGTHS

- **Platform ownership** — end-to-end accountability for availability, security and reliability of production systems.
- **Security-first mindset** — builds DevSecOps and compliance into delivery rather than bolting it on.
- **Automation & GitOps** — eliminates toil through declarative, reproducible pipelines.
- **Technical leadership** — mentors engineers and aligns engineering, security and business stakeholders.
- **Calm incident commander** — leads root-cause analysis and resolution under production pressure.

EDUCATION

- **B.E. – Computer Science & Engineering**, G.H. Rasoni College of Engineering & Management, Badnera (2010 – 2013).
- **Diploma – Computer Science**, V.Y.W.S. Polytechnic College, Badnera (2007 – 2010).

ADDITIONAL INFORMATION

- **Location:** Hyderabad, India.
- **Experience:** 12+ years overall, 7+ years focused on cloud, Kubernetes and DevOps/SRE
- **References:** Available on request.

DECLARATION

I hereby declare that all the information provided above is true and accurate to the best of my knowledge.

Rizvan Sheikh

Hyderabad, India