

Rizvan Sheikh

DevSecOps Engineer and Consultant

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Profile Summary

Lead DevSecOps Engineer with 12+ years of experience designing, securing, and scaling cloud platforms across enterprise environments. Strong expertise in Azure, Kubernetes, CI/CD, DevSecOps, automation, and platform engineering, with proven ownership of production systems, disaster recovery, and security posture. Experienced in building resilient, highly available solutions and partnering with engineering, security, and business stakeholders to deliver scalable, secure, and reliable platforms.

Core Skills

- **Cloud and Platforms**
 - Microsoft Azure (Compute, Networking, Storage, Security, PaaS, etc.)
 - AWS (EC2, EKS)
 - Digital Ocean (DOKS)
 - Google Cloud (GKE)
- **DevOps and CI/CD**
 - Azure DevOps
 - GitHub
 - Jenkins
 - YAML Pipelines
 - CI/CD Architecture
- **Container & Orchestration**
 - Docker
 - Kubernetes (AKS/EKS/DOKS)
 - Helm
 - KEDA
- **DevSecOps & Security**
 - SonarQube
 - Checkmarx
 - Qualys
 - Mend
 - AquaSec
- **Infrastructure as Code & Automation**
 - Terraform
 - ARM Templates
 - Ansible Tower
- **Scripting & Languages**
 - Python Script
 - PowerShell Script
 - Bash Script
 - HTML & CSS
 - PHP
 - JavaScript & jQuery
- **Data & AI Platforms**
 - Azure Data Factory
 - Databricks
 - Azure AI Foundry
 - Azure Open AI

Education

- G.H. Rasoni Collage of engineering and Management — Badnera | Computer science and engineering | **Jan 2010 to 2013**
- V.Y.W.S. Polytechnic Collage — Badnera | Diploma in Computer Science | **Jan 2007 to 2010**

Work Experience

Lead DevOps Engineer – EY GDS

Dec 2022 - Present

- Owned the design, implementation, and operational readiness of **Disaster Recovery environments**, ensuring recovery objectives (RTO/RPO) and production resiliency.
- Partnered with InfoSec to operationalize **DevSecOps** practices, embedding automated compliance checks and vulnerability assessments directly into the CI/CD pipelines.
- Built and maintained strong relationships with key **stakeholders**, acting as a bridge between engineering, security, and leadership to drive aligned delivery.
- Partnered with Dev Leads, Architects, and Product Managers to streamline client onboarding by designing a **fully automated pipeline-driven provisioning workflow, enabling one-click tenant** setup across cloud, data, and security layers.
- Directed comprehensive security assessments and audits, achieving full compliance with industry regulations while proactively mitigating **critical vulnerabilities**.
- Engineered **containerized microservices** solutions on **Kubernetes** and modernized release workflows by architecting **reusable YAML-based pipelines** in Azure DevOps.
- Implemented **JFrog Artifactory** to centralize binary management, optimize storage efficiency, and establish a secure, reliable artifact supply chain.
- Developed automation using **PowerShell, Python, and Bash to reduce manual operational toil**, improve consistency, and increase platform reliability.
- Integrated **SonarQube, Checkmarx, Mend, AquaSec, and Qualys** into CI/CD pipelines to enforce automated code quality gates and comprehensive vulnerability scanning.
- Owned **availability, stability, and performance of Azure DevOps platforms**, proactively resolving pipeline failures and improving overall system reliability.
- Collaborated with development teams to embed security into the SDLC by driving threat modeling initiatives and enforcing secure coding standards.
- Implemented **dynamic autoscaling of Docker-based agents using KEDA**, improving platform elasticity and handling workload spikes reliably.
- **Mentored** junior DevOps engineers, providing technical guidance, code reviews, and best practices across CI/CD, cloud infrastructure, and security.
- Designed and created the infrastructure for **Azure Data Factory, Databricks, and Power BI**, ensuring secure connectivity and operational stability across environments.
- Architected enterprise-grade AI solutions using **Azure AI Foundry**, seamlessly integrating Azure OpenAI and Cognitive Services to drive intelligent business applications.
- Established robust **MLOps workflows** using Azure DevOps to automate the full AI model lifecycle, ensuring reproducible builds, strict governance, and streamlined production deployments.
- Provided **production support and incident resolution** across a 16×5 operational window, performing root cause analysis to prevent recurring issues.

Senior DevOps Engineer – U S Technologies International (UST Global)

Aug 2018 – Dec 2022

- Managed **end-to-end Build and Release activities**, including dependency management, deployment strategies, and environment coordination.
- Designed, configured, and maintained **CI/CD pipelines using GitHub and Azure DevOps**, supporting scheduled, nightly, milestone, and on-demand builds.
- Proposed and implemented **branching and release strategies**, supporting multiple concurrent development streams and controlled release cycles.
- Supported development teams with **code merging, build failure resolution, and compilation issue troubleshooting**, ensuring delivery continuity.
- Automated repetitive **configuration management and deployment tasks** using scripting, significantly reducing manual effort and errors.

- Led **build and release management across Dev, QA, UAT, Staging, and Production environments**, ensuring quality and release stability.
- Performed **Windows-based deployments**, including IIS application deployments using PowerShell scripts.
- Built and maintained **Dockerized application environments**, providing container support for Go, Node.js, and Python development teams.
- Created **multi-stage Dockerfile** and deployed containerized workloads to Kubernetes clusters.
- Designed and managed **Kubernetes-based deployment platforms**, including Helm-integrated release promotion from Dev to Staging to Production.
- Implemented **end-to-end application onboarding** from customer setup to deployment on **Azure and AWS Kubernetes clusters (AKS/EKS)**.
- Built and operated **AWS container services**, including ECS, EKS, and ECR, supporting scalable production workloads.
- Provisioned and managed **Azure infrastructure** including Virtual Networks, Virtual Machines, NSGs, Storage Accounts, Recovery Services Vaults, and Recovery Plans as part of server migration initiatives.
- Monitored applications and **private cloud virtual machines**, ensuring availability and operational stability.
- Collaborated with cross-functional teams to perform **knowledge transfer for new applications**, onboarding SCM and operations teams on build and deployment processes.

Senior DevOps Engineer – Mindtree

May 2016 – Sep 2018

- 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.
- Automated repetitive configuration and deployment tasks using **PowerShell scripting**.
- Supported **UAT and Production releases**, ensuring deployment accuracy and minimal downtime.
- Configured **nightly and scheduled builds** to validate code stability and integration readiness.
- Collaborated with development teams during **knowledge transfer and release readiness activities**.
- Configured and maintained **CI/CD pipelines** to enable automated builds and deployments.
- Monitored build and release jobs, analyzed logs, and resolved compilation and deployment issues.
- Assisted in implementing **branching policies and pull request validations** to maintain code quality.
- Managed artifact storage and versioning using **Azure Artifacts** for NuGet and npm packages.
- Provisioned and maintained **Azure infrastructure** including VMs, App Services, Storage Accounts, and SQL Databases.
- Developed **PowerShell and Bash scripts** to automate administrative and operational tasks.

DevOps Engineer – IBM

Jul 2014 – Apr 2016

- Analysing Programs and creating BRD documents
- Analysing Functional requirements of given module
- Coding RPGLE, CLLE programs as per requirement Unit testing
- Resolving technical issues
- Involved in preparation of Design Documents
- Actively involved in Support and Maintenance of the application.
- Change Requests for maintenance and enhancement.
- Maintain onsite and/or offshore environment for support,
- Maintenance and enhancement of the applications listed.
- Involved in Preparing the Unit Test Cases