

# Rizvan Sheikh

DevSecOps Engineer and Consultant  
Hyderabad, India

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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.)
- **DevOps and CI/CD**
  - Azure DevOps
  - GitHub
  - Jenkins
  - YAML Pipelines
  - CI/CD Architecture
- **Container & Orchestration**
  - Docker
  - Kubernetes (AKS/EKS)
  - Helm
  - KEDA
- **DevSecOps & Security**
  - SonarQube
  - Checkmarx
  - Qualys
  - Mend
  - AquaSec
- **Infrastructure as Code & Automation**
  - Terraform
  - ARM Templates
  - Ansible Tower
- **Scripting & Programming Languages**
  - Python Script
  - PowerShell Script
  - Bash Script
  - PHP
  - JavaScript & jQuery
  - HTML & CSS
  - Flask and Django
- **Data & AI Platforms**

- Azure Data Factory
- Databricks
- MS Fabric
- 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 and implementation** of a **Disaster Recovery environment**, independently delivering a **resilient architecture** aligned with business continuity requirements.
- 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 robust automation scripts using **PowerShell, Python, and Bash** to streamline Azure DevOps workflows and interact with REST APIs, significantly reducing manual operational overhead.
- Integrated **SonarQube, Checkmarx, Mend, AquaSec**, and Qualys into CI/CD pipelines to enforce automated code quality gates and comprehensive **vulnerability scanning**.
- Owned the administration and stability of Azure DevOps environments, proactively resolving build failures and tuning pipeline performance for **maximum reliability**.
- Collaborated with development teams to **embed security into the SDLC** by driving threat modeling initiatives and enforcing secure coding standards.
- Implemented a POC for running autoscaling **Docker-based agents on Kubernetes using KEDA** to handle dynamic workload spikes.
- **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 across a **16x5** operational window, resolving client-reported incidents and maintaining service reliability.

- Managed end-to-end Build and Release activities, including dependency management, deployment strategies, and environment coordination.
- Designed, configured, and maintained **CI/CD pipelines** using TFS 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 Dockerfiles** 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.
- Collaborated with cross-functional teams to perform knowledge transfer for new applications, onboarding SCM and operations teams on build and deployment processes.

- 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.

- Working on **P1, P2 & P3** level issues as per **SLA**
- Interacting with **client** for **requirement gathering** and status updates Respond, investigate and **resolve issues** involving production applications and systems using documented procedures and solutions

- Analysis of production jobs and **resolving issues** in live environment
- **Debugging & troubleshooting** interactive and batch jobs in **AS/400**
- Usage of **AS/400** tools like **WRKQRY, SQL** etc.
- Documentation of production jobs/programs
- Exposure in interacting with customer directly
- support and coordination for client issues and troubleshooting
- Code/documents review created by the team
- Coding programs as per requirement and **Unit testing**
- **Unit testing** of the changed **programs**
- Involved in preparation of **Unit Test plan**
- Preparing/Updating **UTCs & UTRs**
- Involved in Preparation of **Deployment**