

SAHIL KOUNDAL

DEVOPS | CLOUD | DEVSECOPS | SRE ENGINEER

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Professional Summary

DevOps / Cloud / SRE Engineer with 3+ years designing, automating, and securing production infrastructure on **AWS** and **Azure**. Built end-to-end **CI/CD pipelines** with **Jenkins** and **Terraform**, cutting deployment time by 70% with **zero-downtime** deployments at **99.9% uptime**. Skilled in **DevSecOps** (**Trivy**, **SonarQube**, **PCI-DSS/RBI**), **cloud migration**, and **SRE – SLA/SLO/SLI** ownership, incident response, and **RCA**. Cut cloud spend 20%+ through cost optimization.

Core Technical Skills

Cloud Platforms: **AWS** (EC2, ECS, IAM, VPC, Route53, ALB, API Gateway, CloudWatch, Auto Scaling), **Azure** (VMs, Networking, Migration)

Infrastructure as Code (IaC): **Terraform** (Modular, Remote State), **Ansible**, Infrastructure Automation

Containers & Orchestration: **Docker**, **Kubernetes**, ECS, **ArgoCD**, **GitOps**

CI/CD: **Jenkins**, **Git**, GitHub, Gradle, Nexus, Build & Release Pipeline Automation

Monitoring & Observability: **Prometheus**, **Grafana**, **ELK Stack**, OpenSearch, CloudWatch, Alertmanager, New Relic, SLA/SLO/SLI tracking

Security / DevSecOps: IAM, **Trivy**, **SonarQube**, Docker Image Hardening, VA/PT, **PCI-DSS**, **RBI Compliance**, Wazuh SIEM

Cloud Migration: On-Premises to **AWS/Azure** Migration, Database & Application Migration, Minimal-Downtime Cutover

Scripting & OS: **Bash**, Shell Scripting, **Python** (Basics), **Linux** (Ubuntu, Amazon Linux)

SRE & Reliability: Incident Management, RCA, High Availability, Disaster Recovery (DR), Capacity Planning, Performance Tuning

Programming & PM Tools: Java, JVM Fundamentals, Jira, Agile

Professional Experience

Pay10 **Mar 2024 – Present**
DevOps Engineer *Pune, India*

- **Operated** highly available production infrastructure on **AWS** (EC2, ECS, IAM, VPC, Route53, Load Balancers, API Gateway), sustaining **99.9% uptime** via rolling, **zero-downtime deployments**.
- **Automated** end-to-end **CI/CD pipelines** using **Jenkins**, **Docker**, Gradle, and **Terraform**, migrating releases from a manual process to full pipeline automation and cutting deployment time by **70%**.
- **Provisioned** cloud infrastructure as code using **Terraform** with reusable modules and remote state, reducing provisioning time by **70%** versus manual setup.
- **Optimized** AWS spend via **VPC endpoints** (cutting NAT gateway charges) and **Route53** alias records (eliminating DNS lookup costs).
- **Implemented** centralized monitoring and observability using **Prometheus**, **Grafana**, **ELK Stack**, OpenSearch, CloudWatch, and New Relic, improving **SLA/SLO** visibility.
- **Led** production incident response and **Root Cause Analysis (RCA)** using ELK/OpenSearch and CloudWatch Logs, reducing Mean Time to Resolution (**MTTR**) on critical incidents.
- **Hardened** Docker images using multi-stage builds, reducing image size by nearly **50%** and improving deployment speed and attack surface.
- **Streamlined** server provisioning using **Ansible** and led **Disaster Recovery (DR)** implementation, replicating critical AWS infrastructure from Mumbai to Hyderabad for business continuity.
- **Coordinated** remediation of Internal/External Vulnerability & Penetration Testing (**VA/PT**) and Docker VAPT findings using **Trivy/SonarQube**, maintaining **PCI-DSS/RBI** compliance while managing Linux (Ubuntu, Amazon Linux) servers.

Freelance **Aug 2023 – Mar 2024**
DevOps Engineer (Contract) *Remote*

- **Migrated** on-premises databases and applications to **AWS** and **Azure** for 2–3 clients with minimal downtime cutover strategies.
- **Reduced** AWS cloud spend by over **20%** through right-sizing instances, reserved capacity planning, and eliminating unused resources.
- **Built** **CI/CD** pipelines with **Jenkins**, replacing manual releases and cutting release cycle time by [X]%.

Projects

GitOps-based Kubernetes Deployment Pipeline | *Personal Project*

- **Implemented** a **GitOps** workflow using **ArgoCD** to continuously sync **Kubernetes** manifests from a **Git** repository, ensuring cluster state always matches desired configuration.
- **Structured** application manifests using an environment-based (dev/staging/prod) layout, and scripted image-tagging with a **CI** pipeline that triggers **ArgoCD** auto-deployment.
- **Enabled** instant rollback and full audit history of deployments by treating **Git** as the single source of truth for cluster state.

Certifications

AWS Certified Solutions Architect – Associate

AWS Certified Cloud Practitioner

Education

AISSMS Institute of Information Technology, Pune, India

Bachelor of Technology (B.Tech), Electronics And Communications Engineering

2019 – 2023