

Gourav Chouhan

DevSecOps Engineer | Cloud Infrastructure | CI/CD | IaC | Containers & Orchestration

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Professional Summary

RHCSA-certified DevSecOps Engineer with hands-on experience managing Linux production infrastructure, AWS cloud environments, CI/CD pipeline creation, Infrastructure as Code, containerized workloads, and cloud-native operations. Skilled with AWS EC2, VPC, IAM, S3, EBS, Docker, Podman, Kubernetes orchestration, Terraform, Ansible, Bash/Shell, Python, YAML, monitoring, log analysis, and incident resolution. Strong in root-cause analysis, SLA-driven operations, deployment coordination, problem solving, and clear communication across development and infrastructure teams, with working knowledge of Windows systems and GCP/Azure cloud concepts.

Technical Skills

Cloud & Infrastructure	AWS EC2, VPC, IAM, S3, EKS, EBS, security groups, routing, CloudWatch monitoring, cloud application deployments, GCP and Azure concepts
DevOps & CI/CD	CI/CD pipeline creation and maintenance, build-test-deploy workflows, GitHub Actions, DevOps toolchains, YAML-based pipeline configuration, release automation
Infrastructure as Code	Terraform, Ansible, YAML, reusable infrastructure configuration, environment provisioning, configuration management
Linux & Windows Ops	Linux administration, users, permissions, packages, services, SSH, cron, patching, backups, troubleshooting; working knowledge of Windows systems
Containers & Orchestration	Docker, Podman, Kubernetes orchestration, containerized applications, image management, runtime troubleshooting, KVM virtualization
Automation & Scripting	Shell scripting, Bash, Python, YAML, cron-based scheduling, monitoring scripts, backup scripts, repeatable operational automation
Networking & Security	TCP/IP, DNS, HTTP/S, SSH, iptables, firewalld, Wazuh SIEM, system hardening, vulnerability validation, secure access control
AI & Automation Operations	GenAI, agentic AI concepts, AI-enhanced operations, automation workflow design Production operations, monitoring, log analysis, incident handling, RCA, SLA ticket handling, cross-team coordination, independent problem solving

Work Experience

DevSecOps Engineer **Apr 2025 – Present**
Vellko Media Pvt. Ltd. *Bhopal, India*

- Managed AWS cloud infrastructure across EC2, VPC, IAM, S3, and EBS, including deployment environments, access controls, networking, storage, and security groups.
- Created and maintained CI/CD pipelines for build, test, and deployment workflows using GitHub Actions, DevOps toolchains, YAML configuration, and release automation.
- Implemented Infrastructure as Code and configuration management practices using Terraform, Ansible, and YAML for repeatable environment provisioning and operational consistency.
- Monitored system health, application logs, and service behavior; triaged production issues, performed root-cause analysis, and communicated clear updates through ticket workflows.
- Deployed and troubleshoot Docker/Podman-based container workloads, image/runtime issues, and orchestration-related environment problems affecting application availability.
- Automated routine operational tasks using Shell, Bash, and Python scripts for monitoring, scheduled jobs, backups, log checks, and repeatable administration.
- Configured monitoring, centralized logging, and Wazuh SIEM visibility for operational reliability, alert review, and secure infrastructure operations.
- Applied cloud-native, GenAI, and agentic AI concepts to improve automation thinking, deployment workflows, and infrastructure operations.

Jr. Linux System Administrator **May 2024 – Apr 2025**
Vellko Media Pvt. Ltd. *Bhopal, India*

- Managed Linux servers including user access, SSH, permissions, packages, services, patching, backups, monitoring, and production issue handling.
- Handled L1/L2 infrastructure tickets within defined SLAs for system access, network, performance, and service availability issues.
- Troubleshoot server, network, and performance problems in production environments while maintaining clear status updates and escalation notes.
- Configured firewall rules using iptables and firewalld, applied basic system hardening, and monitored logs to detect operational issues.
- Managed KVM virtualization, container operations, automation tasks, and YAML-based configuration for isolated environments and routine administration.

Certifications

Red Hat Certified System Administrator (RHCSA) – Red Hat, 2024

Credential ID: 240-011-221

Education

Master of Business Administration (MBA), HR and Finance
Barkatullah University

Aug 2021 – Oct 2023
Bhopal, India

Bachelor of Science (B.Sc.), Computer Science
Barkatullah University

Jul 2017 – May 2020
Itarsi, India