

Tripti Pandey

DevOps Engineer

Pune, India | Open to Relocation/Remote

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PROFESSIONAL SUMMARY

DevOps Engineer with 2 years of experience driving automation, improving deployment reliability, and supporting production systems. Skilled at troubleshooting complex operational issues, performing root cause analysis, and optimizing software delivery through infrastructure best practices. Passionate about building resilient platforms, reducing operational overhead, and enabling secure, scalable, and efficient software delivery.

EXPERIENCE

DevOps Engineer – VOIS

Aug 2022 – May 2024

Pune, India

- Designed and maintained **CI/CD pipelines** using **Jenkins** and **GitHub Actions** for multiple microservices, reducing manual deployment effort by **50%** while improving deployment reliability and release consistency.
- Automated **Docker**-based application deployments to **Kubernetes** and resolved **Jenkins pipeline** failures caused by dependency conflicts, credential misconfigurations, agent availability issues, and build script errors.
- Managed production **Kubernetes** workloads, troubleshooting **CrashLoopBackOff**, **ImagePullBackOff**, **Pending Pods**, failed rollouts, resource quota violations, and application startup failures using logs, events, readiness/liveness probes, **ConfigMaps**, and **Secrets**.
- Optimized **Kubernetes** resource utilization by tuning **CPU and memory requests/limits**, resolving scheduling issues, and assisting development teams in fixing deployment failures caused by configuration drift, environment variable mismatches, image version inconsistencies, and failed health checks.
- Supported **AWS** infrastructure involving **EC2**, **IAM**, **VPC**, **ALB**, **CloudWatch**, and **Security Groups**, troubleshooting cloud resource configurations and contributing to enterprise application migration from on-premises environments.
- Built operational dashboards in **Splunk** and integrated **CloudWatch** alerts with **PagerDuty**, proactively monitoring infrastructure health, reducing incident response time by **40%**, and preventing critical production outages.
- Participated in **24×7 production support**, handling **P1/P2 incidents**, performing **Root Cause Analysis (RCA)**, restoring services within SLA targets, and implementing preventive measures to minimize recurring operational issues.
- Collaborated with development, QA, and platform teams to standardize deployment processes, automate operational tasks using **Bash** scripting, and deliver secure, stable, and reliable software releases in an **Agile** environment.

PROJECTS

Infrastructure as Code Automation – Terraform DevOps Assignment

- Designed and provisioned AWS infrastructure using Terraform (EC2, VPC, IAM, Security Groups).
- Implemented modular Terraform architecture following IaC best practices.
- Automated infrastructure deployment with version-controlled configurations.
- Demonstrated remote backend setup and state management.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EC2, VPC, IAM, RDS, ALB, CloudWatch), Terraform
Containers, CI/CD & Version Control: Docker, Kubernetes, Jenkins, GitHub Actions, Git
Monitoring & Observability: Splunk, Instana, Prometheus, Grafana, PagerDuty
Programming & Operating Systems: Bash, Python, Linux (Ubuntu, CentOS)
Project Management: JIRA

EDUCATION

B.Sc. ITM – Ravenshaw University

2019 – 2022

CGPA: 9.35