

# Rushikesh Rajguru

## Cloud-DevOps Engineer

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### Summary

**Cloud-DevOps Engineer** with 1.5+ years of hands-on experience in designing and managing high-availability cloud architectures and automated **CI/CD pipeline**. Proven expertise in building scalable, containerized environments using **Kubernetes** and **Terraform (Infrastructure as Code)**. Skilled in accelerating deployment cycles through **Jenkins** and **GitHub**, implementing configuration management with **Ansible**, and ensuring robust **cloud security**, **cost optimization**, and **Linux-based system reliability**.

### Skills

<b>Cloud services:</b> EC2, S3, VPC, IAM, RDS, Route53, CloudWatch, CloudFront	<b>Operating Systems:</b> Linux (Ubuntu, Amazon linux)
<b>CI/CD:</b> Jenkins, AWS CodePipeline, CodeBuild, CodeDeploy	<b>Tools / Version Control:</b> AWS, Git, GitHub
	<b>Monitoring and logging:</b> CloudWatch, Prometheus, Grafana
	<b>IAAC:</b> Terraform, Ansible

### Work Experience

**Greateway Software Pvt. Ltd., Pune.**

**Jul 2024 – Present**

Cloud-DevOps Engineer

- Utilized advanced **Linux command-line tools** to automate system administration tasks, troubleshoot complex production issues, and optimize deployment workflows.
- Designed and configured secure, highly available cloud environments using the **AWS ecosystem**, building functional prototypes with a strong focus on network security, scalability, and storage optimization.
- Collaborated on open-source projects by working with repository forks and contributing through structured workflows on **GitHub**.
- Leveraged **AWS CloudWatch** to track operational and performance metrics during load and stress testing scenarios.
- Designed, implemented, and maintained Git repositories, including effective branching, merging, and version control strategies.
- Automated **VPC traffic monitoring** and enhanced **threat detection** using **AWS VPC Flow Logs** for improved network visibility and security analysis.
- Configured and monitored scheduled and continuous builds using CI tools to ensure reliable and consistent software integration.

### Project

#### Enterprise CI/CD Pipeline for High-Availability Applications

- Designed and deployed a fully automated **CI/CD pipeline** end-to-end using industry-recognized DevOps tools, streamlining build, testing, integration, and deployment processes for scalable enterprise applications.
- Automated provisioning and administration of AWS infrastructure using **Terraform (Infrastructure as Code)**, managing resources such as **EC2**, **Security Groups**, **IAM roles**, and **Amazon ECR**.
- Developed, configured, and maintained robust CI/CD workflows using **Jenkins** and **GitHub Actions** to automate continuous build, test, and deployment cycles.
- Set up and managed infrastructure components including Kubernetes clusters, virtual machines for DevOps tools (**Jenkins**, **SonarQube**, **Nexus**), and networking configurations to ensure seamless inter-service communication.
- Automated deployment of containerized applications to **Kubernetes** environments and validated deployment success through controlled rollout strategies.
- Implemented comprehensive monitoring and visualization solutions using **Prometheus** and **Grafana** to monitor system health, performance metrics, and pipeline execution results.
- Created detailed documentation covering pipeline architecture, configurations, and operational runbooks, while collaborating with development, QA, and operations teams to resolve issues and optimize workflows.

### Education

**Ajeenkya DY Patil School Of Engineering, Pune, Maharashtra.**

**Aug 2020 – Jun 2024**

Bachelor of Engineering in Computer Science

Coursework: Operating system, Networking