

Raghavendra Naik

DevOps Engineer

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PROFESSIONAL SUMMARY

AWS DevOps Engineer over 3.5 years of experience in designing, automating, and optimizing CI/CD pipelines, cloud infrastructure, and containerized deployments. Skilled in AWS, Jenkins, Docker, Kubernetes, and Terraform, with a strong foundation in Linux administration, Infrastructure as Code (IaC), and monitoring tools (Prometheus, Grafana, CloudWatch). Proven track record of improving deployment speed, scalability, and cost efficiency through automation and cloud best practices.

WORK EXPERIENCE

Senior System Engineer, Infosys Limited

04/2022 – Present

- Designed & automated CI/CD pipelines in Jenkins for microservices, reducing deployment time across multiple environments (Dev, QA, UAT, Prod).
- Developed dynamic Groovy-based pipelines integrating Git, Maven, SonarQube, and Docker for build automation, code quality checks, and container scanning.
- Containerized applications with Docker using multi-stage builds, cutting image size by 30% and improving security with automated vulnerability scanning.
- Provisioned AWS infrastructure with Terraform (EC2, S3, IAM, VPC, ELB, Auto Scaling), enabling reproducible and scalable environments.
- Deployed and managed Kubernetes workloads with YAML manifests (Deployments, Services, Ingress, Config Maps, Secrets).
- Implemented rolling deployment in Kubernetes to minimize downtime during release.
- Configured Horizontal Pod Auto scaler (HPA) to scale applications dynamically based on CPU/memory metrics and load balancer with Kubernetes ingress.
- Built monitoring dashboards in Prometheus, Grafana, and CloudWatch, improving incident response time by 25%.
- Managed IAM roles, policies, and MFA for secure access management across AWS accounts.
- Good Knowledge on Linux Commands for daily activity builds

EDUCATION

Bachelor of Engineering, Sahyadri College of Engineering and Management

2016 – 2019

TECHNICAL SKILLS

Cloud Technologies

AWS (EC2, S3, VPC, ELB, Auto Scaling, IAM, CloudWatch, CloudFront)

Deployment/ GitOps Tools

ArgoCD, Helm

CI/CD Tools

Jenkins, GitHub Actions

Version Control

Git, GitHub, GitLab

Operating Systems

Linux (Ubuntu, Amazon Linux)

Containers

Docker, Kubernetes (EKS, HPA, Ingress, ConfigMaps, Secrets)

Configuration management

Ansible

Infrastructure as Code (IAC)

Terraform, CloudFormation

Scripting

Bash, Shell scripting, Groovy

Monitoring/Logging

Prometheus, Grafana

Tools & Others

Visual Studio Code, Agile methodologies

PROJECTS

- Developed an end-to-end CI/CD work flow using Jenkins and GitHub to stream line building, testing, scanning, and releasing applications.
- Provisioned cloud environments through Terraform by defining VPC, compute instances, load balancers, IAM settings, auto-scaling, and networking rules.
- Packaged microservices into Docker images and deployed them on Kubernetes/EKS and Ingress routing.
- Enabled seamless, interruption-free releases in Kubernetes by configuring autoscaling (HPA) and controlled rollout strategies.

CERTIFICATIONS

Infosys Certified AWS Cloud Practitioner

Infosys Certified AWS Developer Associate