

Pradeep Yadav

DevOps Engineer — Kubernetes Specialist

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Professional Summary

Results-driven DevOps Engineer with 2+ years of hands-on experience in designing, deploying, and maintaining scalable cloud infrastructure and CI/CD pipelines. Expert in Kubernetes orchestration, containerization, Infrastructure-as-Code, and cloud platforms (AWS, GCP). Proven track record of automating deployment workflows, reducing infrastructure costs by 35%, and implementing enterprise-grade monitoring solutions with Prometheus and Grafana. Skilled in MLOps, LLMOps, AIOps.

Technical Skills

- **Kubernetes:** Pod management, Deployments, StatefulSets, DaemonSets, Services, Ingress, Helm charts, ArgoCD, RBAC, EKS, GKE
- **Containerization:** Docker, Docker Compose, container security, image optimization
- **Cloud Platforms:** AWS (EKS, EC2, RDS, S3, Lambda, IAM, VPC, CloudWatch), GCP (GKE, Compute Engine)
- **IaC:** Terraform, Ansible, CloudFormation
- **CI/CD:** Jenkins, GitHub Actions, GitLab CI/CD, ArgoCD, GitOps
- **Monitoring:** Prometheus, Grafana, ELK Stack, CloudWatch
- **Scripting:** Bash, Python, automation frameworks

Professional Experience

DevOps Engineer Intern

May 2025 – Present

Skillfyme

- Designed and deployed production-grade Kubernetes clusters on AWS EKS, managing 20+ microservices across dev, staging, production environments
- Implemented Infrastructure-as-Code using Terraform, automating AWS resources (EC2, RDS, S3, IAM, VPC) and reducing manual configuration by 80%
- Built CI/CD pipelines using Jenkins and GitHub Actions, reducing deployment time from 2 hours to 15 minutes, enabling 10+ daily deployments
- Established Prometheus + Grafana monitoring with custom dashboards, reducing MTTR by 40%
- Implemented Helm charts and ArgoCD GitOps workflows for declarative infrastructure management
- Configured SSL/TLS certificates, security groups, network policies; achieved zero-day vulnerabilities

Senior Technical Support Executive

May 2024 – May 2025

TP (Technical Process)

- Provided L2/L3 support for enterprise Adobe deployments across 100+ clients, resolving complex infrastructure issues
- Automated deployment workflows using WinGet, RPM, APT, Homebrew; reduced manual deployment time by 60%
- Maintained 99.2% SLA compliance using Jira, Zendesk, Bomgar remote access tools
- Centralized log collection and security patch management across globally

Senior Technical Representative
WNS Global Services

Nov 2022 – Dec 2023

- Supported SAP-HANA, SAP-FICO implementations and Salesforce Lightning migrations
- Diagnosed smart meter billing anomalies using SSH, reduced MTTR by 40%, improved customer satisfaction by 25%
- Automated diagnostic workflows across UK platforms (Echoes, XOServe)

Key Projects

Production Kubernetes Cluster for Microservices

Architected AWS EKS cluster supporting 50+ microservices with HPA, cluster autoscaler, RBAC; optimized costs by 35%

CI/CD Pipeline Automation

Multi-stage Jenkins pipelines with SonarQube, JFrog Artifactory, DevSecOps; reduced deployment failures by 70%

Terraform IaC

Modular configurations managing 100+ AWS resources with remote state and CI/CD integration

Education

Bachelor of Technology – Mechanical Engineering

2018 – 2022

Shri Govindram Seksaria Institute of Science and Technology

Certifications

- AWS Certified DevOps Engineer – Professional
- Kubernetes Administrator (CKA) – Linux Foundation
- Terraform Certified Associate
- Docker Certified Associate
- Jenkins Fundamentals
- Pursuing: MLOps, LLMOps, AIOps, AWS Solutions Architect Professional

Leadership & Achievements

- NCC Lance Corporal (2020-2021): Led cadet squads at national competitions
- Cost Optimization: Reduced infrastructure costs 35% via Kubernetes optimization
- Zero-Downtime: Achieved 99.95% uptime SLA with canary/blue-green deployments
- Security: Zero critical CVEs through RBAC, network policies, vulnerability remediation