# KISHOR BHAIRAT

DevOps Engineer | Linux | Kubernetes | AWS

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## Professional Summary

DevOps-focused Linux Engineer with hands-on experience working with Kubernetes and OpenShift-based environments. Strong background in Linux administration, Docker, and cloud-ready infrastructure. Experienced in troubleshooting containerized deployments, networking, and storage issues, automating operational tasks using Ansible and Bash, and testing infrastructure changes while documenting runbooks for production-style systems.

## Certifications

- **DevOps**Certification — New Wings Solutions, Pune

## Technical Skills

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| **Core DevOps:** | Linux (RHEL, CentOS, Ubuntu), Docker, Kubernetes |
| **Cloud:** | AWS (EC2, S3, IAM, VPC, RDS, EKS, Route 53, CloudFront, CloudTrail) |
| **CI/CD & DevSecOps:** | Jenkins, ArgoCD, SonarQube, Trivy |
| **Automation & IaC:** | Ansible, Terraform, Bash Scripting |
| **Version Control:** | Git, GitHub |

## Experience

**Linux Administrator (Intern)** Woodpecker Analytics and Services, Pune                    May 2025 – Nov 2025

- Designed and deployed a bare-metal OpenShift Container Platform (OCP) cluster, including DNS, load balancer, and secure node provisioning.
- Automated user and storage provisioning using Ansible and Bash, reducing manual setup time by **40%**.
- Configured and managed Docker and Kubernetes clusters, focusing on deployments, service exposure, and NFS-backed persistent volumes.
- Administered Linux virtual machines and resolved DNS, routing, and network-level issues.
- Configured DHCP servers with static IP allocation for controlled infrastructure environments.
- Authored internal Linux and automation documentation to improve onboarding efficiency.

**Helpdesk Executive (L1/L2 Support)** Aforeserve.co.in, Pune                    Jul 2023 – Sep 2024

- Resolved 15–20 daily hardware, OS, and network-related tickets while meeting SLA targets.
- Maintained high customer satisfaction through structured troubleshooting and proactive communication.
- Created internal knowledge base articles to improve resolution speed and team productivity.

## Projects

**Three-Tier Voting Application | DevOps Deployment Project**                    GitHub

- Designed and deployed a three-tier application (React, Node.js, MySQL) focusing on infrastructure, containerization, and deployment workflows.
- Containerized frontend and backend services using Docker and validated the full application stack locally with Docker Compose.
- Set up a Kubernetes cluster on AWS EC2 and deployed application components using Kubernetes Deployments and Services.
- Built a CI pipeline with Jenkins, integrating SonarQube and Trivy for code quality checks and container image security scanning.
- Implemented GitOps-based continuous deployment using Argo CD with Git-driven Kubernetes releases and versioned image tagging.

**WordPress Platform**                    GitHub

- Architected a three-tier WordPress deployment (web, app, database) on Kubernetes.
- Built a custom Docker image with integrated Software Composition Analysis (SCA).

- Implemented Horizontal Pod Autoscaling to handle up to **10× traffic spikes**.
- Deployed and tested workloads on cloud-ready Kubernetes architecture (EKS-compatible).
- Integrated CI/CD workflows concepts using GitHub Actions and container image scanning (Trivy).
- Tools: Docker, Kubernetes, Nginx, Linux

## Education

**Bachelor of Science (B.Sc.)** Dr. Babasaheb Ambedkar Marathwada University          2020 – 2023