

Prabesh Khatiwada

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Summary

DevOps-focused software engineer with strong experience in Java and Python backend systems. Skilled in CI/CD pipelines, cloud infrastructure, and containerized deployments using Docker, Kubernetes, AWS, Jenkins, Terraform, and Ansible. Passionate about automation, scalable systems, and production-grade reliability. Seeking Junior/Intern DevOps roles.

Skills

- AWS (EC2, S3, VPC, IAM, Load Balancer, Auto Scaling)
- CI/CD: Jenkins, GitHub Actions
- Docker, Docker Compose
- Kubernetes (Deployments, Ingress, ConfigMaps, Secrets, HPA)
- Terraform, Ansible
- Monitoring: Prometheus, Grafana
- Linux, Bash, Git, GitHub

Projects

- **CI/CD Pipeline for Java Application**
GitHub: https://github.com/prabeshbuilds/Student_ManagementSystem - Devops
Built Jenkins CI/CD pipeline integrated with GitHub webhooks for automated build, test, and deployment. Dockerized application and deployed on AWS EC2.
Impact: Reduced manual deployment effort by 60%.
- **Containerized E-Commerce Platform**
GitHub: https://github.com/prabeshbuilds/QuickCart_project
Dockerized Django + PostgreSQL multi-service application using Docker Compose with persistent storage and environment-based configuration.
- **AWS Infrastructure Automation (Terraform + Ansible)**
GitHub: <https://github.com/prabeshbuilds/Anisible-Devops-Setup-on-Server>
Provisioned AWS infrastructure (VPC, EC2, Security Groups) using Terraform and automated server setup using Ansible.
Impact: Enabled repeatable and consistent infrastructure provisioning.
- **Kubernetes Deployment Platform**
GitHub: <https://github.com/prabeshbuilds/-Kubernetes-Nodejs-projects>
Deployed microservices using Kubernetes with Helm, Ingress, ConfigMaps, Secrets, persistent volumes, and autoscaling.
Impact: Managed 5+ services with improved scalability and reliability.

Experience

- **WordPress Developer, Acme IT** *2025–Present*
Designed and implemented infrastructure automation using Ansible for deployment and configuration management. Created reusable playbooks and roles to streamline server provisioning and application deployment. Reduced manual errors through infrastructure-as-code practices and provided ongoing technical support and system maintenance to ensure high availability and reliable production environments.
- **President, Sungava IT Club** *2025–Present*
Led DevOps workshops for 100+ students covering Linux, Docker, Git, and Kubernetes.
- **Secretary, Code for Change Chitwan** *Past*
Organized hackathons and supported deployment workflows and infrastructure setup.

Education

- Bachelor of Computer Applications, Tribhuvan University (2022–Present)

Certifications

- Docker Kubernetes (Hands-on)
- AWS Linux Administration
- Terraform Infrastructure Automation Projects