Deependra Bhatta

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Professional Summary

Entry-level DevOps Engineer with hands-on experience in CI/CD pipelines, containerization, Kubernetes, and cloud infrastructure. Skilled in automating builds, deployments, and monitoring across multi-VM environments. Strong practical exposure to Jenkins, Docker, Ansible, GitHub Actions, Kubernetes, and cloud services through real-world DevOps projects.

Education & Training

B.Sc. in Information Technology (Cloud Engineering) 09/2024 – Present
Asia Pacific university

4.5 Month Program 03/2025 – 07/2025
Mastering DevOps – TechAxis Nepal
Linux, Git, Jenkins, Docker, Ansible, Kubernetes, Terraform, AWS, SonarQube, Nexus, Monitoring, Vagrant, CI/CD Projects.

Technical Skills

CI/CD & DevOps
Jenkins (Pipelines, agents, webhooks), Git/GitHub, GitHub Actions, SonarQube, Nexus, Trivy, Harbor, Maven.

Containers & Deployment
Docker, Docker Compose, private registries, image optimization, container networking, Docker Swarm, Kubernetes, Helm.

Automation & Infrastructure
Ansible, Bash scripting, Terraform, OpenTofu, Vagrant, VirtualBox

Cloud & Servers
AWS EC2, S3, IAM, ECS/EKS basics, Apache, Nginx, Tomcat

Monitoring
Prometheus, Grafana, Node Exporter, cAdvisor, alerting rules

Projects & Experience

Task Manager Web Application: Full DevOps CI/CD Pipeline
GitHub: https://github.com/dipen674/Simple_Java_TM/tree/harbor ⧉
- Built a multi-VM CI/CD pipeline using Jenkins, SonarQube, Nexus, Harbor, and Trivy.
- Automated build → scan → artifact upload → image build → registry push → deployment.
- Implemented Ansible-based deployment and Docker Compose for production.
- Added Prometheus + Grafana monitoring with Node Exporter & cAdvisor.

IDURAR ERP/CRM (MERN): Dockerized Application
GitHub: https://github.com/dipen674/mern_admin_nodejs_fullstack.git ⧉
- Containerized MERN stack with staging (Compose) and production (Kubernetes).
- Designed GitHub Actions CI/CD with Trivy security scanning.
- Deployed via Helm charts with secrets injection and Ingress + PVC setup.

DevConnector (Django + React): Dockerized Full-Stack App

GitHub: https://github.com/dipen674/Django_React_application.git ⎘

- Containerized full stack with Docker Compose.
- Configured networking, API proxying, and environment management.

Node.js + React deployment via Jenkins and Ansible

GitHub: https://github.com/dipen674/Ansible_Project.git ⎘

- Automated CI/CD using Jenkins → Harbor → Ansible deployment.
- Deployed Dockerized services to remote hosts with Compose.

Soft skills

- Troubleshooting
- Clear Documentation
- Communication
- Fast Learner
- Team Collaboration

References

Suryaraj Timsina, *Senior DevOps Enginee*
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Nishant Shrestha, *co-ordinator,* Lord Buddha Education Foundation
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