

Ranjan Kumar Upadhyay

Aspiring DevOps & Cloud Engineer — MCA (Cyber Security)

Noida, Uttar Pradesh, India

GitHub — LinkedIn

Professional Summary

Aspiring DevOps and Cloud Engineer currently pursuing MCA with specialization in Cyber Security. Hands-on academic and internship experience in CI/CD automation, containerized deployments, cloud monitoring, and infrastructure security. Strong interest in building secure, scalable, and observable cloud systems using modern DevOps practices.

Technical Skills

Programming & Scripting: Python, Bash

DevOps & Automation: Jenkins, Ansible, CI/CD Pipelines

Containers & Orchestration: Docker, Kubernetes (Foundational)

Cloud Platforms: AWS (EC2, S3, IAM)

Monitoring & Logging: CloudWatch, Prometheus, Grafana, ELK Stack

Infrastructure as Code: Terraform (Foundational)

Version Control: Git, GitHub

OS & Security: Linux (Ubuntu), DevSecOps, Cloud Security

Education

Master of Computer Applications (MCA) — Cyber Security

Currently Pursuing

Bachelor of Computer Applications (BCA)

Completed

Projects

AI-Driven DevOps Monitoring & Incident Prediction

- Built AI-based log and metric analysis using Python for anomaly detection.
- Integrated Prometheus, Grafana, ELK Stack, and AWS CloudWatch in lab environments.

Secure CI/CD Pipeline with DevSecOps

- Implemented Jenkins-based CI/CD pipelines using Docker and Kubernetes.
- Integrated security checks and automated deployment workflows.

Cloud Infrastructure Security Monitoring

- Monitored AWS infrastructure for misconfigurations and unauthorized access.
- Used ELK Stack and Terraform for visibility and reproducibility.

Experience

DevOps Engineer Intern — Orbique Technologies, Noida

- Automated CI/CD pipelines using Jenkins and Ansible.
- Deployed and monitored containerized applications using Docker and Kubernetes.
- Used CloudWatch, Prometheus, and Grafana for system monitoring.

Systems Operations Support — Health Haven Hospital

- Managed system-based billing operations and IT workflow support.

Additional

- Publish technical blogs on LinkedIn related to DevOps and cloud security.
- Continuous learner with hands-on labs and real-world simulations.