

RANJAN KUMAR UPADHYAY

DevOps & Cloud Trainee — CI/CD — AWS — Linux

Noida, Uttar Pradesh, India

Portfolio — GitHub — LinkedIn

Professional Summary

DevOps and Cloud trainee with hands-on practice in CI/CD workflows, AWS cloud deployment, Linux system administration, and automation scripting. Experienced with Jenkins pipelines, YAML-based configurations, Git version control, and basic monitoring using CloudWatch, Prometheus, and Grafana. Currently pursuing MCA in Cyber Security and undergoing structured AI/DevOps Analyst training under BSDM (Skill India), with a focus on secure cloud operations, SDLC, and production-oriented DevOps fundamentals.

Skills Summary

Key Skills: CI/CD, Jenkins, AWS, Linux, Git, GitHub, Bash, Python, Cloud Monitoring, Infrastructure as Code (Terraform – basic), GitHub Actions (basic)

Technical Skills

Cloud & DevOps:

- Automated CI/CD pipelines using Jenkins and YAML configurations
- Version control and workflow automation with Git and GitHub
- AWS services: EC2, S3, RDS, IAM, VPC, Load Balancer
- Containers and orchestration: Docker, Kubernetes (basic)
- Infrastructure as Code (IaC) exposure using Terraform for basic AWS provisioning
- Basic familiarity with GitHub Actions for CI workflow automation

Scripting & Automation:

- Shell / Bash scripting for operational automation
- Python (basic scripting for operational support)

Monitoring & Security:

- Monitoring tools: CloudWatch, Prometheus, Grafana
- IAM basics and least-privilege access
- Secure cloud practices awareness

Networking & Systems:

- Linux (Ubuntu), Windows, WSL
- Networking fundamentals: IP addressing, DNS, HTTP

Projects

Event-Driven Notification System (AWS – Practice Project)

- Designed and implemented an event-driven architecture using AWS SNS, SQS, and Lambda
- Automated event processing with Lambda functions and triggered email notifications via AWS SES
- Integrated centralized logging and monitoring using AWS CloudWatch
- Implemented IAM role-based access control following least-privilege principles
- Documented system architecture, data flow, and execution lifecycle

CI/CD Automation Practice Project

- Designed and configured Jenkins pipelines to automate build and deployment stages
- Integrated GitHub repositories with Jenkins for version-controlled CI/CD workflows
- Automated routine operational and deployment tasks using Bash and Python scripts

Experience

DevOps / Cloud Trainee 2024 – Present

- Practicing CI/CD pipeline configuration using Jenkins and YAML
- Supporting infrastructure automation using Shell and Python scripts
- Monitoring cloud resources using CloudWatch, Prometheus, and Grafana
- Performing basic Linux administration and AWS EC2 operations

System Support Engineer 2018 – 2024

- Provided Linux and Windows system support
- Troubleshoot hardware, software, and basic network issues
- Supported system availability in an operational environment

Certifications & Training

- AI / DevOps Analyst Training — Ongoing (Orbiqe Technologies Pvt. Ltd., BSDM – Skill India)
- AWS Certified Cloud Practitioner — In Progress
- Terraform — Learning
- TypeScript & JavaScript (Basic)

Education

Master of Computer Applications (MCA) — Cyber Security 2024 – 2026
2nd Semester SGPA: 8.71

Bachelor of Computer Applications (BCA) 2018
Final Percentage: 76.26%

Soft Skills

Analytical thinking — Calm and disciplined approach — Willingness to learn — Clear communication — Documentation mindset

Availability: Immediate