Vishal Vashishtha

DevOps Intern

"DevOps Engineer (Intern) with hands-on experience in AWS, Kubernetes, Terraform, Ansible, and CI/CD. Skilled in building scalable cloud infrastructure, automating deployments, and implementing monitoring solutions."

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WORK EXPERIENCE

DevOps Intern
Infra360

03/2025 - 09/2025   *Gurugram*

Achievements/Tasks

- **Provisioned AWS infrastructure** with vpc, subnets and security groups to ensure secure, scalable multi environment communication.
- **Deployed and managed Kubernetes clusters (EKS)** with Helm; automated CI/CD pipelines using Jenkins, Docker, and ArgoCD, cutting deployment time from **manual hours to automated minutes** .
- **Built monitoring stack** with Prometheus + Grafana, reducing MTTD **~30%** and improving visibility of EC2/EKS workloads.
- **Optimized AWS costs (~20%)** by rightsizing EC2 instances, cleaning up unused EBS volumes, and migrating workloads to serverless (AWS Lambda, S3 IA).
- **Automated infrastructure setup** with Terraform and Ansible, including a Redis cluster deployment on EC2 nodes, which reduced manual provisioning effort by **~70%** .
- **Performed SRE tasks:** upgraded EKS clusters (v1.30 → v1.32), implemented IAM security policies, and integrated Qualys vulnerability scans.
- **Collaborated with developers in agile scrums,** resolved Jira tickets and automated EKS alert reporting with Python scripts.

PROJECTS

CI/CD Pipeline on AWS

- Built a Jenkins pipeline deploying a Flask microservice on AWS EKS with Docker, Helm & ArgoCD; automated testing + deployment cut release time from ~2 hrs → ~10 mins.

Infrastructure as Code (IaC)

- Provisioned multi-tier AWS architecture (VPC, EC2, RDS) with Terraform modules; automated config via Ansible, reducing setup effort by ~70% across environments.

Monitoring & Observability

- Configured Prometheus + Grafana dashboards for Kubernetes workloads; proactive alerts improved incident detection time by ~30%

EDUCATION

Masters of Computer Application
GI Bajaj Institute of Technology & Management

09/2024 - 06/2026   *CGPA - 7.5*

Bachelors of Science (PCM)
Raja Mahendra Pratap Singh University

09/2021 - 06/2024   *CGPA - 7.5*

SKILLS

- Cloud Platforms: AWS (EC2, S3, Lambda, VPC), Azure (basic)
- IaC & Automation: Terraform, Ansible
- Containerization & Orchestration: Docker, Kubernetes (EKS), Helm, ArgoCD
- CI/CD & SCM: Jenkins, Git, GitHub
- Monitoring & Logging: Prometheus, Grafana, Telegraf
- Scripting & OS: Bash, Python, Linux

CERTIFICATES

- Cybersecurity Foundational Certificate, Palo Alto Networks

- Planned: AWS Cloud Practitioner | HashiCorp Terraform Associate | Kubernetes CKA (upcoming)