

SHREYAS AWASTHI

DevOps Engineer

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Professional Summary

DevOps Engineer with hands-on experience in AWS, Docker, Terraform, Jenkins, GitHub Actions, Linux, and CI/CD automation. Experienced in provisioning cloud infrastructure, automating deployments, and implementing Infrastructure as Code using Terraform. Hands-on with containerization and familiar with Kubernetes, Bash scripting, AWS CloudWatch, Prometheus, and Grafana. Strong understanding of secure, scalable, and highly available cloud environments.

Technical Skills

- Cloud: AWS (EC2, VPC, IAM, ALB, Auto Scaling, Route 53, RDS)
- Infrastructure as Code: Terraform
- CI/CD: Jenkins, GitHub Actions, Ansible
- Containers: Docker, Kubernetes (Basic)
- Monitoring: AWS CloudWatch, Prometheus (Basic), Grafana (Basic)
- Security: SonarQube, Trivy, Gitleaks, OWASP ZAP
- Scripting: Linux, Bash (Basic)
- Version Control: Git, GitHub

Professional Experience

Junior DevOps Engineer Intern – Opstree Global

July 2025 – June 2026

- Built CI/CD pipelines using Jenkins for Java, Python, Node.js, and Go applications.
- Integrated SonarQube, Trivy, Gitleaks, and OWASP ZAP into CI pipelines.
- Provisioned AWS infrastructure including EC2, IAM, ALB, Auto Scaling, and Route 53.
- Automated infrastructure provisioning using Terraform.
- Configured Docker-based application deployments and GitHub Actions workflows.
- Automated server configuration using Ansible.
- Monitored application and infrastructure health using AWS CloudWatch and deployment logs.
- Collaborated with development teams to improve deployment reliability and automation.

Projects

- **Multi-Tier AWS Infrastructure with Terraform**

Designed VPC, public/private subnets, NAT Gateway, ALB, and Auto Scaling using Terraform.

- **CI/CD Pipeline Automation**

Built reusable Jenkins pipelines with testing, code quality, and security scanning.

- **Containerized Application Deployment**

Dockerized applications and automated build and deployment using GitHub Actions.

- **Ansible Server Automation**

Automated Jenkins and SonarQube installation and configuration using Ansible.

Education

Bachelor of Computer Applications (BCA)

Chhatrapati Shahu Ji Maharaj University, Kanpur (2022–2025)