ANURAG YADAV

DEVOPS ENGINEER

CONTACT

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LinkedIn || GitHub || Portfolio

PROFILE SUMMARY

Experienced DevOps engineer with 3+ years in GitHub Actions, GitLab pipelines, cloud security, and deployment automation for web apps and microservices on servers and Kubernetes. Skilled in project management, client collaboration, monitoring, Terraform, and cloud infrastructure optimization for operational efficiency and scalability.

EDUCATION

July 2019 – May 2022

THAKUR COLLEGE OF SCIENCE AND COMMERCE

- B.Sc. Information Technology
- CGPA: 9.8

SKILLS

SCM Tool
Git, GitHub, GitLab

Cloud Platforms
AWS, Azure, GCP

Orchestration Tool
Docker, Podman, Kubernetes

CI/CD Tool
GitHub Actions, GitLab CI/CD, AWS DevOps

Infrastructure Automation Tool
Terraform, Ansible

Code Analysis & Security Scanner Tool
SonarQube, Trivy, OWASP ZAP

Linux & Web Servers
RHEL8, Ubuntu, Nginx, Apache

Monitoring Tool
Prometheus, Grafana, Uptime Kuma

Programming & Scripting Language
Python, Bash Shell

Soft Skills
Communication & Collaboration, Problem-Solving, Teamwork, Leadership, Time Management, Adaptability

CERTIFICATES

- RED HAT CERTIFIED SPECIALIST IN CONTAINERS AND KUBERNETES

WORK EXPERIENCE

VegaStack OCT 2022 - PRESENT

DevOps Engineer

- Implemented and managed self-hosted GitLab environments for multiple clients, optimizing development workflows, repository governance, and CI/CD pipeline performance
- Designed and automated deployments of complex web applications (Django, Node.js, React, Serverless) behind Nginx using GitLab CI/CD and GitHub Actions, leveraging multi-project, DAG, and parent-child pipelines
- Built production-grade CI/CD and Terraform automation for GCP, enabling secure, scalable, multi-environment deployments across Cloud Run, Cloud Functions, Cloud Run jobs, IAM, service accounts, secrets, and Artifact Registry
- Automated large-scale, batch-based Azure virtual machine provisioning using Terraform across multiple subscriptions and regions to support QA and testing workloads
- Automated EC2 instance migrations across AWS accounts using Terraform, reducing migration effort and downtime by approximately 30%
- Designed and implemented serverless and auto-scaling architectures using Azure Virtual Machine Scale Sets with Load Balancers for Node.js and Django applications backed by PostgreSQL
- Established and operated Kubernetes clusters using Amazon EKS and MicroK8s, implementing Horizontal Pod Autoscaling (HPA) to support scalable, containerized microservices, including GPU-based workloads
- Implemented proactive monitoring and alerting using Zabbix, Prometheus, Grafana, and Uptime Kuma, improving system observability and incident response time
- Developed Bash and Python automation scripts for security hardening, automated backups, Cloudflare Zero Trust tunnel configuration, and Slack-based operational notifications
- Enforced least-privilege IAM policies, secure secret management, and zero-downtime deployment strategies across multi-cloud environments.
- Led multi-account AWS service migrations, coordinating with cross-functional teams to ensure seamless transitions and minimal production downtime
- Led weekly production deployments, ensuring stable releases, rollback readiness, and minimal service disruption
- Owned the end-to-end infrastructure lifecycle, including architecture design, automation, deployment, monitoring, and production support across AWS, Azure, and GCP
- Created architecture diagrams, operational documentation, and onboarding guides using Notion and Loom to improve knowledge sharing and client communication