

Yash Patil

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Summary

DevOps Engineer with 3.5+ years of experience in building and maintaining scalable CI/CD pipelines, containerized deployments, and automated cloud infrastructure on AWS. Proficient in Terraform, Ansible, Jenkins, and Kubernetes with strong experience in observability and monitoring using Prometheus, Grafana, and CloudWatch. Passionate about automation, reliability, and continuous delivery.

Skills

- Cloud Platforms: AWS
- Infrastructure as Code: Terraform, Ansible
- CI/CD & Automation: Jenkins, GitHub Actions, GitLab CI, SonarQube
- Containers & Orchestration: Docker, Kubernetes, Helm
- Monitoring & Logging: Prometheus, Grafana, CloudWatch
- Scripting: Bash, Automation Workflows
- Version Control & GitOps: Git, ArgoCD

Experience

Infosys – Systems Engineer | Jan 2024 – Present | Nagpur, India

- Designed and optimized scalable CI/CD pipelines with Jenkins, GitHub, and GitLab CI, improving build reliability and deployment speed by 30%.
- Deployed containerized microservices to Kubernetes via Helm (blue-green & rolling updates), reducing downtime by 23%.
- Automated AWS infrastructure provisioning using Terraform and Ansible, increasing uptime to 99.8% and cutting MTTR by 45%.
- Integrated Prometheus, Grafana, and CloudWatch for end-to-end observability and alerting.
- Implemented GitOps workflows using ArgoCD to streamline deployments and version control.

Infosys – Systems Associate | Dec 2021 – Dec 2023 | Nagpur, India

- Supported the Fiber Design Team for a leading US telecom provider, optimizing network layouts and service provisioning.
- Utilized tools like NDS, WMS, GPON, and Forte to validate designs and enhance workflow accuracy.
- Improved service delivery efficiency by aligning outputs with SLA requirements and reducing turnaround time.

Education

Shri Shivaji Science College, Nagpur – Master of Computer Applications (Apr 2023)

Kamla Nehru Mahavidyalaya, Nagpur – Bachelor of Science, Computer Science (Apr 2021)

Certifications

- AWS Certified Cloud Practitioner — Amazon Web Services
- AWS Certified SysOps Administrator – Associate — Amazon Web Services
- Infosys Certified Associate in IaC using Terraform — Infosys Ltd.

Projects

WebApp Deployment in Monolithic Architecture (Jenkins, Terraform, Ansible, Tomcat)

- Deployed Java web app via CI/CD pipeline integrated with Jenkins and Ansible.
- Automated infrastructure with Terraform and monitored using Grafana.
- Enabled faster feedback loops via Git webhooks.

Application Deployment in Microservices Architecture with GitOps (Docker, Kops, ArgoCD, Helm)

- Built Docker images and deployed apps to Kubernetes clusters using Kops and ArgoCD.
- Implemented GitOps workflows; managed configMaps, secrets, and namespaces.
- Installed Prometheus and Grafana via Helm for monitoring and observability.