Shubham Tayde

Network Engineer ● DevOps Community Lead

Pune, Maharashtra | tayde.s.shubham@gmail.com | 902 283 73 25 | LinkedIn | GitHub

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Design scalable infrastructure using AWS, Terraform, Docker, and Kubernetes, backed by 3+ years of hands-on cloud and automation experience. Automated CI/CD workflows using Jenkins, GitHub, GitLab, and Ansible, reducing provisioning time by 80% also apply strong networking knowledge and collaboration across teams to ensure reliable, cloud-native deployments.

KEY SKILLS

Cloud | Infrastructure as Code | Orchestration | Containerization | Application Deployment | Reverse Proxy | Monitoring & Alerting | Application Security | Configuration | Automation | Service Mesh | Load Balancing | Cloud Optimization | High Availability | Auto Scaling | Fault Tolerance | Linux Administration | Office 365 Administration

TOOLS & TECHNOLOGIES

Scripting Languages: Python, Shell Scripting, Bash Scripting | **Database Management** : PostgreSQL, MongoDB, SQL, DynamoDB | **Container Platform:** Docker, Kubernetes | **Version control systems:** Git, GitHub, GitHub Webhooks | **Cloud & Infrastructure:** AWS, IaaS, Terraform, CloudFormation, Helm, DevOps Tools | **GitOps CI/CD:** Argo CD, GitHub Actions, Jenkins (Pipeline), Terraform (IaC)

PROFESSIONAL EXPERIENCE

Network Engineer | Bhartiya Jain Sanghatana (BJS)	Pune | Sep 2023 – Present
System Administrator | Shro System Pvt. Ltd (Client: BJS)	Pune | Mar 2022 – Sep 2023

DevOps Engineering, CI/CD Pipeline Automation, Cloud Infrastructure Management

- Set up and managed 10 + CI/CD pipelines and configured jenkins and GitHub Actions also monitored infrastructure performance and resolved incidents, which led to Accelerated system uptime of 99.9% and a 30% increase in deployment speed.
- Built 20+ cloud environments using Terraform, ensuring consistency and reducing manual errors by 90%.
- Collaborated with 5+ development teams to deliver smooth releases and Optimized application performance and availability.
- Deployed and upgraded microservices using Docker and Kubernetes, boosting resource efficiency by 25%.

Managed AWS Infrastructure, Implemented Cloud Security, and Supported Operations

- Maintained and supported 25+ AWS services including VPCs, ALB, Route 53, EC2, and Security Groups in production and staging environments.
- Administered IAM policies across teams, enhancing security, and minimizing unauthorized access risks.
- Resolved daily infrastructure application issues and monitored systems, decreasing downtime by 35
- Achieved 99% availability of hosted websites and applications by sustaining robust cloud infrastructure.
- Contributed to DevOps practices by configuring secure network switches, managing containers, and enforcing access control.

KEY PROJECTS EXECUTED

Volunteer Management System – Cloud-Native MERN Stack Deployment

- Led the deployment of a scalable, production-ready 3-tier MERN stack Volunteer Management System on the cloud for the development team.
- infrastructure automation with Terraform and Ansible, which decreased deployment times by 60% and improved application uptime to 99.99% via automated monitoring tools.
- Developed and verified 100% code locally while communication with developers to ensure pre-deployment stability; provisioned AWS infrastructure using 90% reusable modular Terraform for EC2 and EKS configurations.
- Authored shell scripts to run Terraform, extracted output, and triggered Ansible to configure EC2 instances with Jenkins, Docker, Kubectl, Kind, and Helm.
- Constructed Jenkins pipelines in Groovy to automate application build, deployment, and Kubernetes manifest updates following GitOps workflows; installed and configured Argo CD for continuous deployment; and implemented Prometheus and Grafana to monitor application and infrastructure metrics.
- Delivered smooth, automated deployments with CI/CD and GitOps, accelerating release cycles, and boosting system reliability. The application achieves 99.9% uptime and is fully observable

Shiwaar.com – Scalable AWS Infrastructure Design Automation for Government Application

- Engineered and executed a scalable AWS architecture incorporating EC2, NAT gateway, ALB, Route 53, and ACM to guarantee high availability and secure access.
- Arranged Route 53 for DNS routing and administered AWS ACM for SSL/TLS certificates, enforcing encrypted HTTPS redirection.
- Launched an Application Load Balancer with target groups to allocate traffic across EC2 instances, enhancing fault tolerance and reducing downtime by 75%.
- Automated infrastructure provisioning using Terraform, reducing setup time by 80% and ensuring consistent, repeatable deployments.

Education & Achievement

Bachelor of Engineering (B.E.) in Information Technology | PCE, Nagpur   **2016 – 2019**

Achievement:

secured 2nd place in the TWS DevOps Hackathon by building a GitOps-based CI/CD pipeline with Jenkins, Argo CD, Docker, and AWS. showcased skills in cloud automation, containerization, and team coordination under pressure. **View on LinkedIn**