

Vijay Shukla

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Professional Summary

I'm a DevOps Engineer with 2+ years of experience building and automating secure, scalable infrastructure in Agile teams. I work with tools like AWS, Kubernetes, and Terraform to create and maintain production-ready CI/CD pipelines. I've led multiple EKS deployments, set up observability stacks with Prometheus and Grafana, and developed ChatOps tools to streamline team workflows. I've automated mobile deployments, improved cloud efficiency by 30%, and supported microservices across several projects. I'm looking for a remote-first role where I can contribute to modern DevOps practices and secure systems.

Skills & Technologies

Cloud & Infrastructure: AWS (EC2, S3, RDS, CloudWatch, IAM, Lambda, ECS, VPC), GCP

Containerization & Orchestration: Docker, Kubernetes (Helm, Kustomize), Amazon EKS

CI/CD & Automation: GitHub Actions, GitLab CI, Jenkins, Fastlane, ArgoCD

Infrastructure as Code: Terraform, Ansible, CloudFormation, AWS CDK (basic)

Monitoring & Logging: Prometheus, Grafana, Wazuh, CloudWatch, Loki, ELK Stack

Programming/Scripting: Bash, Python, YAML, JSON, Google Apps Script

Security & DevSecOps: Kubernetes RBAC, IAM Policies, KMS, Secrets Management, Network security, Hashicorp Vault

Version Control & Collaboration: Git, GitHub, GitLab, Bitbucket, Jira, Confluence, Agile Methodologies

Other Tools: PostgreSQL, Redis, NGINX, RabbitMQ, Google Chatbot Development

Professional Experience

DevOps Engineer

ThinkSys Software Pvt Ltd | August 2023 – Present

- Built and deployed infrastructure for 8+ cloud-native projects using AWS, Kubernetes, Terraform, and CI/CD pipelines.
- Set up 4+ EKS clusters with secure VPCs, deployed Helm charts, and automated builds using GitLab CI with self-hosted runners.
- Enhanced application security by integrating Hashicorp Vault for managing sensitive credentials.
- Created "AstroBot," a ChatOps tool that automated 50+ tasks across 3 teams using Google Apps Script and Rundeck.
- Replaced manual mobile deployment with Fastlane and GitHub Actions, automating 50+ iOS app releases.
- Built Terraform + Ansible-based infra with integrated CloudTrail, CloudWatch, and security alerting; achieved 30% AWS cost reduction.
- Supported 5+ parallel projects with production ownership and frequent infra/CI/CD enhancements.
- Integrated Prometheus, Grafana, Loki, and ChatOps-based alerting for production monitoring.
- Trained 10+ engineers on Kubernetes; mentored 2+ fresher DevOps engineers via in-depth KTs, debugging help, and project onboarding.

Notable Projects

1. AWS Backup & Control Tower Centralization

Designed and implemented centralized AWS Backup strategy integrated with AWS Control Tower for multi-account environments. Automated OU-level policies and tag-based protection, resolving KMS/IAM trust issues.

Key Tech: AWS Backup, Control Tower, IAM, KMS, CloudFormation

Impact: Strengthened governance, resilience, and disaster recovery posture.

2. Networking & VPN Automation (Netmaker, NordLayer, WireGuard)

Deployed and configured secure VPN solutions with Netmaker, NordLayer, and WireGuard for private connectivity, route verification, and secure corporate access.

Key Tech: Netmaker, NordLayer, WireGuard, Linux Networking

Impact: Improved private connectivity, security, and observability across distributed environments.

3. Secure Collaboration Platform (Rocket.Chat + Cloudflare WAF)

Deployed Rocket.Chat in a private VPC with Cloudflare Tunnels and WAF for secure external access. Configured encryption and retention policies following security best practices.

Key Tech: Rocket.Chat, Cloudflare Tunnels, Cloudflare WAF, TLS, VPC

Impact: Delivered a secure, compliant collaboration platform for internal teams.

4. AWS EKS Infrastructure Optimization

Improved Kubernetes ingress setup, implemented automated Velero backups, and optimized alerting using Prometheus and Alertmanager for a SaaS infrastructure hosted on AWS EKS.

Key Tech: AWS EKS, Terraform, GitLab CI, Velero, Prometheus, Alertmanager

Impact: Increased reliability and disaster recovery readiness, while improving observability.

5. iOS CI/CD Pipeline Automation

Implemented Fastlane-based automation for deploying 50+ iOS apps to TestFlight via GitHub Actions, replacing manual release workflows.

Key Tech: GitHub Actions, Fastlane, Apple Developer Portal

Impact: Reduced app deployment time by 70% and minimized human errors.

Certifications

- IBM Cybersecurity Analyst Professional Certificate - 2023

Awards & Achievements

- Customer Delight Award for successful PoCs and client satisfaction.

Education

Noida Institute of Engineering & Technology, B.Tech, Computer Science Engineering
(2019-2023)