

# ASHISH KADIAN

DevOps | Site Reliability Engineer | Cloud Security | Trainer

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## Summary

A results-driven DevOps Engineer with expertise in AWS, infrastructure automation, deployment pipeline optimization, scalable system design, AI/ML pipelines, and platform engineering within complex DevOps ecosystems. Effectively collaborates with cross-functional teams to implement agile methodologies and deliver measurable business impact with focus on reliability, security, and performance. Applies SRE principles with DevOps practices to support mission-critical systems serving 500K+ users. Ranked **All-India #2 in the GATE-CSE Scholarship Test and two-time Renaissance Champion**, demonstrating top-tier technical depth and problem-solving excellence. Seeking competitive freelance opportunities that foster intellectual growth and technical innovation, and eager to share knowledge through impactful technical training and mentorship.

## Skills

AWS • Linux • Docker • Kubernetes • Terraform • Jenkins • Gitlab • Ansible • Prometheus • Grafana • Datadog • ELK Stack • Azure • Python • Bash • Qualys • SQL • Nginx • Redis • FastAPI • CloudFormation • SonarQube • GCP • Automated Testing • Agile Methodologies

## Experience

### Freelance

#### DevOps Consultant

07/2020 - Present

- Architected multi-region AWS infrastructure serving 500K+ users with 99.99% uptime across 15+ enterprise projects
- Deployed fault-tolerant Kubernetes clusters achieving 75% faster deployments and 99.9% service availability
- Built CI/CD pipelines processing 200+ daily deployments with 97% success rate using Jenkins and GitLab
- Led Fortune 500 cloud migrations reducing infrastructure costs by 45% through FinOps optimization
- Implemented IaC with Terraform/Ansible, cutting environment setup from 3 days to 2 hours
- Established Prometheus/Grafana monitoring stack reducing MTTR from 2 hours to 12 minutes
- Deployed DevSecOps framework achieving 100% SOC 2/PCI DSS audit compliance
- Created custom K8s operators and Helm charts improving deployment reliability by 85%
- Implemented zero-trust security with Vault reducing vulnerabilities by 80%
- Designed microservices architecture for 20+ applications cutting resource usage by 40%
- Built automated incident response workflows reducing manual intervention by 90%
- Trained 100+ professionals on Upskill/Upwork with 95% satisfaction rating
- Built AI/ML pipelines using Kubeflow and Airflow for automated model deployment
- Implemented platform engineering with Istio service mesh for self-service infrastructure
- Led FinOps initiatives achieving 35% cost reduction through automated resource optimization

### IIT Bombay

#### DevOps Engineer

05/2023 - 10/2023

- Architected Kubernetes deployment pipeline for 1000+ concurrent research users with zero-downtime
- Implemented Ansible security framework achieving 100% audit compliance across 50+ controls
- Enhanced security through WAF/DDoS protection reducing risks by 85%
- Built ELK/Prometheus monitoring reducing false alerts by 80%
- Created automated runbooks improving incident resolution by 65%
- Deployed multi-layered security across 40+ research servers
- Established GitOps with ArgoCD for consistent configuration management

## Education

### Liverpool John Moores University

#### Master's Degree in Computer Science

2023 - 2025

### JECRC University

#### Bachelor of Technology in Computer Science

2016 - 2020