ASHISH KADIAN
DEVOPS ENGINEER

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Results-driven DevOps Engineer, SRE and Developer with 4+ years of experience across **SachTak, Teradata, Ortoscale, and IISc Bangalore**. Architected end-to-end automation frameworks and cloud solutions, achieving 3x faster deployments and 60% cost reduction on AWS/Kubernetes. Distinguished by **AIR2 GATE ranking and two-time Renaissance champion**, expertly bridging development with infrastructure operations to deliver scalable applications with 100% uptime across enterprise environments.

EXPERIENCE

Freelance I Jul 2020 - Present
DevOps Consultant

- Architected multi-region cloud infrastructure achieving **99.9%** uptime for SaaS platforms serving **500K+** users, cut deployment time by **40%**
- Led AWS cost optimization initiatives delivering **45%** spend reduction through strategic resource analysis and FinOps implementation
- Designed enterprise Kubernetes clusters with auto-scaling microservices maintaining **99.99%** reliability across mission-critical apps
- Built Python automation frameworks and comprehensive testing suites, cutting manual testing by **80%** and accelerating release cycles
- Developed full-stack Operations Portal (Angular/FastAPI/Python) boosting deployment efficiency by **70%** for engineering teams
- Established CI/CD pipelines processing **100+** daily deployments at **95%** success rate using Jenkins and GitHub Actions
- Deployed GitOps workflows with IaC (Terraform/Ansible) reducing environment provisioning from days to hours
- Freelance Technical Trainer: Delivered DevOps, Python, and Test Automation courses to **200+** industry professionals with **4.8/5** rating
- Implemented monitoring solutions (Prometheus/Grafana) with custom dashboards, slashing MTTR from **2** hours to **15** minutes
- Integrated DevSecOps practices with vulnerability management, reducing security risks by **85%** across client portfolios
- Orchestrated microservices migrations enhancing scalability and deployment safety for high-growth startups

IIT Bombay I May 2023 - Oct 2023
DevOps Engineer

- Implemented security compliance framework using Ansible achieving **100%** audit clearance across **40+** regulatory requirements
- Enhanced infrastructure security by **60%** through multi-layered controls deployment and automated vulnerability scanning
- Architected Kubernetes deployment pipeline cutting deployment failures by **70%** while improving system recovery times
- Built comprehensive monitoring infrastructure increasing observability and reducing false alerts by **80%** across environments
- Created automated runbooks and remediation workflows accelerating incident response time by **60%** for critical systems

GITHUB
Github Profile

LINKEDIN
Linkedin Profile

INTERSTS AND SOFT SKILLS

Drama Club Writer/Director | Event Volunteer | Cybersecurity Enthusiast | Cloud security compliance | Professional Communication | Hyperfocus & Attention to Detail

EDUCATION

Liverpool John Moores University
MS in Computer Science

IIIT BANGLORE
ADVANCED PROGRAM IN DEVOPS

JECRC University
BTech in Computer Science and Engineering.

PROJECTS

AgileCloudPipeline
- Built scalable AWS infrastructure with Terraform & Jenkins, enabling 500K+ monthly requests with 40% faster deployments and auto-scaling K8s clusters

IIT Bombay Security Compliance
- Automated enterprise security framework covering 40+ controls across system layers, reducing vulnerability risks by 85%

Enterprise Pipeline Automation
- Orchestrated end-to-end deployment automation using Gitlab, Sonarkube and Jest, achieving 95% success rate across microservices

CryptoSim: Cryptocurrency Mining
- Architected educational platform using microservices and K8s, featuring real-time monitoring and distributed mining simulation

MLOps House Price Predictor
- Developed production-grade ML pipeline using ZenML and MLflow, implementing automated testing, continuous validation, and scalable deployment

SKILLS

Python | Linux | Bash Scripting

AWS (EC2,ECS,S3,VPC,IAM) | Terraform

Jenkins | Ansible | Git

Docker | Kubernetes | Nginx

ELK Stack | Prometheus and Grafana

Mysql | Algorithm Design