VIKAS JHA

Senior AWS DevOps Engineer | Automation Specialist | Cloud Infrastructure Expert

Bangalore, India | vikasxjha@gmail.com | +91-7698589273 | LinkedIn: linkedin.com/in/vikasxjha

PROFESSIONAL SUMMARY

Results-driven Senior DevOps Engineer with over 9 years of experience in automation, cloud infrastructure, and software delivery pipelines.

Proven ability to design and implement scalable CI/CD solutions, automate manual operations, and optimize performance across distributed systems.

Skilled in AWS services, Infrastructure as Code (IaC), and container orchestration with Kubernetes & Docker.

Adept at collaborating with development and QA teams to ensure secure, high-availability deployments.

CORE COMPETENCIES

AWS Services (EC2, S3, VPC, IAM, CloudFormation, EKS, Lambda)

Infrastructure as Code (Terraform, CloudFormation)

CI/CD Tools (Jenkins, GitHub Actions, GitLab CI/CD, CircleCI)

Containers & Orchestration (Docker, Kubernetes, Helm)

Monitoring & Logging (CloudWatch, Prometheus, Grafana, ELK Stack)

Scripting: Bash, Python

Version Control: Git, GitHub, Bitbucket

Configuration Management: Ansible, Chef

Security: IAM Policies, Secrets Management, Compliance Automation

Agile & Scrum Practices

PROFESSIONAL EXPERIENCE

Senior QA & DevOps Engineer | Truecaller - Bangalore | Nov 2019 - Present

- Designed and managed CI/CD pipelines using Jenkins and GitHub Actions, reducing deployment time by 60%.

- Automated infrastructure provisioning with Terraform and CloudFormation across multiple AWS environments.

- Implemented containerization strategy using Docker and EKS, improving scalability and release efficiency.

- Led QA efforts with Selenium and Playwright; integrated test suites into CI/CD pipelines.

- Monitored cloud infrastructure using CloudWatch, ELB logs, and Prometheus-Grafana dashboards.

- Enforced IAM policies and security best practices across staging and production environments.

- Spearheaded shift-left testing strategy, enabling earlier defect detection and reducing production issues by 30%.

QA Analyst & Automation Engineer | Mastercard - Pune | Dec 2013 - Nov 2019

- Developed automation frameworks for testing REST APIs and microservices using Postman, JMeter, and Python.

- Reduced testing effort by 30% by introducing reusable test modules and API mocks.

- Collaborated with DevOps teams to implement pipeline-integrated testing across all staging environments.

- Assisted in AWS migration projects by validating EC2 autoscaling policies, CloudTrail logs, and IAM roles.

- Performed performance/load testing for fintech APIs with JMeter, simulating high-concurrency user scenarios.

KEY PROJECTS

EKS-Based Infrastructure Automation - Truecaller

- Automated infrastructure for microservices using Terraform + EKS + Helm

- Implemented blue-green deployments with zero downtime using ArgoCD

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Secure Remote Commerce (SRC) Platform - Mastercard

- Tested end-to-end encryption protocols and conducted automated regression testing on AWS-hosted services

Data Migration Utility

- Validated cloud-based data migration pipelines from legacy databases to AWS-hosted Aurora PostgreSQL using scripted test cases

CERTIFICATIONS

- AWS Certified DevOps Engineer - Professional (Expected or In Progress)
- ISTQB Foundation Level
- SAFe Agile Practitioner
- Selenium Automation Certification

EDUCATION

B.E. in Computer Science

Visvesvaraya Technological University - 2012 - 74%

PERSONAL DETAILS

Date of Birth: 28 Mar 1990

Languages Known: English, Hindi