

# Abhishek L C

## DevOps Engineer

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## PROFILE

DevOps Engineer with hands-on experience in automating, scaling, and securing enterprise-grade cloud and on-premise infrastructures. Proficient in AWS, Docker, Kubernetes, CI/CD, and Infrastructure as Code (IaC). Strong background in scripting (Python, Bash) and implementing secure, cost-efficient deployment models. Skilled in observability, cryptographic security, and cross-team collaboration.

## TECHNICAL SKILLS

- Cloud Platforms: AWS, Azure
- Containerization & Orchestration: Docker, Kubernetes, AWS ECS Fargate
- CI/CD Tools: Jenkins, GitLab CI/CD, AWS CodePipeline
- Infrastructure as Code (IaC): Terraform, CloudFormation, Ansible
- Scripting & Programming: Python, Bash, Java
- Observability & Monitoring: Splunk, Prometheus, Grafana, CloudWatch
- Security & Vault Management: HashiCorp Vault, Post-Quantum Readiness Tools
- Databases & Caching: RDS (PostgreSQL), MongoDB, ElastiCache (Redis)
- Operating Systems: Linux, Windows

## EXPERIENCE

**DevOps Engineer, Zenshastra Software Services (Onsite: Morgan Stanley)** Jan 2025 – Present

- Deployed and integrated vendor security solutions (Quantum Exchange CipherInsights, Keyfactor, AgileSec Analytics) in production, strengthening Post-Quantum Readiness to secure cryptographic metadata against quantum threats.
- Containerized applications on AWS EC2 (Docker) and implemented a secure CI/CD pipeline in Jenkins, with Python-based Vault integration to dynamically inject private keys at runtime.
- Partnered with the architecture decision team to design cost-optimized deployment models, improving scalability and reducing infrastructure overhead.
- Configured Splunk Observability for system, application, and security logs, enhancing monitoring and incident response.
- Used MongoDB to manage cryptographic data fetched via APIs from vendor security solutions, ensuring secure storage and retrieval for analytics and compliance.
- Collaborated continuously with product vendors to drive feature enhancements, resolve production issues, and ensure compliance with enterprise security standards.

**DevOps Engineer, Route Mobile Ltd.**

Jul 2023 – Jan 2025

- Built and scaled infrastructure supporting millions of WhatsApp users, ensuring high availability and low latency across distributed systems.

- Designed and maintained Dockerized microservices (Python, Java, Node.js, Angular) improving environment consistency and cutting onboarding time by 25%.
- Migrated workloads to AWS ECS Fargate, improving scalability and reducing infrastructure costs by 25%.
- Automated builds and deployments with AWS CodePipeline, Jenkins, and Docker, accelerating delivery cycles.
- Established monitoring and alerting with CloudWatch, Grafana, and Prometheus for proactive issue detection.
- Developed Python and Bash automation scripts to eliminate repetitive tasks, cutting deployment time by 20%.
- Implemented Infrastructure as Code (IaC) using Terraform and CloudFormation to standardize environment provisioning.

#### **DevOps Engineer, UST Global**

Nov 2021 – Jan 2023

- Maintained and patched Linux servers, ensuring system stability and security compliance.
- Set up Prometheus and Grafana dashboards to monitor application and server performance.
- Managed Git-based branching and versioning strategies, improving release management.
- Developed CI/CD pipelines in GitLab, reducing deployment errors and manual effort.

#### **EDUCATION**

Bachelor of Engineering, Visvesvaraya Technological University

2015 – 2019

#### **CERTIFICATIONS**

- IBM Certified DevOps Engineer
- Certified Java Developer (Udemy)