

Abhishek Kulkarni

DevOps Engineer

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Passionate DevOps Engineer with 5 Years of Experience | Certified Kubernetes Administrator

Seeking a DevOps Engineer role to optimize cloud resource utilization, automate workflows, and accelerate delivery times for enhanced operational efficiency.

KEY SKILLS

- **Programming Languages:** Python, Core Java, Shell & Batch Scripting
- **Version Control Systems:** Git, SVN
- **Cloud Environments:** AWS
- **CI/CD Tools:** Jenkins, AWS CodePipeline
- **Static Code Analysis:** SonarQube, Coverity
- **Configuration & Automation Tools:** Ansible, Terraform, Ant, Gradle, Maven
- **Monitoring & Logging Tools:** Prometheus, Grafana, AWS CloudWatch
- **Containerization & Orchestration:** Docker, ECS, EKS, Kubernetes
- **Security & Compliance Tools:** BlackDuck
- **Artifact Management:** JFrog Artifactory, S3 Bucket

WORK EXPERIENCE

Veritas Technologies (Now part of Cohesity), Pune — Software Engineer III - DevOps

Jan 2023 – PRESENT

- Created production-grade automated build pipelines, increasing build efficiency by 30%.
- Developed Dockerized application builds and automated build systems using Ansible.
- Configured AWS cloud infrastructure with Terraform, integrating with CI pipelines for resource provisioning.
- Ensured security compliance with tools like Black Duck and Coverity, improving security practices.
- Deployed Kubernetes infrastructure (on-premises and cloud-based) using Ansible and Terraform.

Ness Technologies, Pune — Software Engineer - DevOps

Mar 2022 – Jan 2023

- Built Jenkins CI/CD frameworks for Java applications, improving deployment efficiency by 30%.
- Delivered shell scripts for automation, reducing manual intervention by 50%.
- Implemented proactive monitoring and alerting solutions with Prometheus and Grafana.

Tata Consultancy Services, Pune — System Engineer – DevOps and Java Developer

Feb 2020 – Feb 2022

- Developed REST APIs using Spring Boot and implemented JUnit/Mockito tests for enhanced test coverage.
- Migrated monolith COBOL applications to Spring Boot microservices on AWS, improving scalability.
- Enhanced code quality with SonarQube and automated builds with Jenkins pipelines.
- Debugged and resolved application issues in an AWS cloud environment by analyzing AWS CloudWatch logs.

EDUCATION

➤ **Kolhapur Institute of Technology — B.E.**

July 2015 – May 2019

Mechanical Engineering

PROJECTS

1. **AWS Infrastructure Setup:** Designed robust AWS infrastructure using VPC, EC2, Auto Scaling, and ELB.
Key Technologies: AWS VPC, EC2, Auto Scaling, ELB, Bastion Host, CloudWatch.
2. **Automated CI/CD Pipeline on AWS:** Streamlined application development with AWS CodePipeline, CodeBuild, and CodeDeploy.
Key Technologies: AWS CodePipeline, GitHub, CloudFormation, IAM, SNS, EC2.
3. **Jenkins-Based ITA Deployment:** Automated CI/CD for ITA deployment on on-prem Kubernetes.
Key Technologies: Jenkins, Ansible, Kubernetes.
4. **AWS Cloud Cost Optimization:** Reduced cloud costs by automating underutilized resource identification.
Key Technologies: AWS CLI, Shell Scripting, Lambda, CloudWatch.

ACHIEVEMENTS

- **Certified Kubernetes Administrator (CKA-2024)**
- **WOW award** for developing automated CI/CD pipeline for deploying ITA (IT Analytics) on an on-prem Kubernetes environment using Ansible playbook.