

Abhishek Kulkarni

Senior Software Engineer - Devops

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Passionate DevOps Engineer with 4.5 Years of Experience | Certified Kubernetes Administrator

Dedicated and results-driven professional with a strong foundation in Spring Boot Java development and a proven track record in DevOps. Passionate about streamlining processes and enhancing efficiency through automation and a diverse set of DevOps tools. Thrives in fast-paced environments, committed to delivering high-quality solutions. Seeking a DevOps Engineer role to optimize cloud resource utilization, automate workflows, and accelerate delivery times for enhanced operational efficiency.

Technical Skills

Cloud Technologies	AWS
Build Tools	Maven and Gradle
Container Technologies	Docker, Kubernetes
Scripting	Shell, batch and Python
Version Control System	Git and Bitbucket
Configuration Management	Ansible
Infrastructure as Code	Terraform
CI/CD	Jenkins, Git-hub actions
Static code analysis	SonarQube, Black Duck and Coverity
Observability and Monitoring	Prometheus and Grafana

Certifications

➤ Certified Kubernetes Administrator (CKA-2024)

Professional Summary

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

Jan 2023 – PRESENT

- Developed and managed end-to-end configuration management projects using **Ansible**, integrating with **Jenkins** for smooth **Kubernetes** deployments, including monitoring and meaningful logging for troubleshooting.
- Containerized Spring Boot microservices by creating Dockerfiles from scratch and achieved **Docker** multi-staging to significantly reduce image sizes.
- Created various **Ansible** playbooks for specific tasks, such as Oracle DB exports and upgrading Kubernetes deployments, enhancing user experience through **Jenkins** integration.
- Streamlined the **CI/CD pipeline** for Java-based applications using **Gradle**, resulting in a 20% reduction in build and deployment times.
- Developed a custom **Python** script to automate the upgrade process of Kubernetes deployments. Also, implemented proactive monitoring and alerting using **Prometheus and Grafana**.
- Delivered **shell script** utilities to support comprehensive end-to-end automation processes.
- Involved in defining **Git** branching strategies and version control best practices, enhancing code collaboration and traceability.
- Provisioning **AWS** cloud infrastructure using **Terraform** and configuring them using **Ansible**.
- Experience setting multi region and multi cloud **Terraform** projects and well versed using Terraform workspaces.
- Led knowledge-sharing sessions on **Kubernetes** fundamentals, covering cluster creation using **kubeadm** and troubleshooting common issues.
- Demonstrated excellent problem-solving skills by automating routine server maintenance tasks, freeing up valuable team resources for strategic projects.

Ness Technologies, Pune — Software Engineer - *DevOps*

Mar 2022 – Jan 2023

- Designed and implemented Jenkins-based **CI/CD pipelines**, automating end-to-end CI/CD processes, reducing deployment errors.
- Integrated a **Jenkins** pipeline for static code analysis using **Black Duck** for third-party library vulnerability analysis and **Coverity** to detect code smells, enhancing code quality. Automated the creation of **Jira** tickets on behalf of Coverity, including bug and code smell details in the ticket descriptions.

- Demonstrated proficiency in **Ansible** and **Terraform**, creating infrastructure on AWS using Terraform and managing package installations using Ansible.
- Collaborated with cross-functional teams to ensure seamless project delivery in an **Agile** environment.
- Infrastructure Patch management for all **linux** servers using **Ansible**.
- Developing and maintaining the continuous integration and deployment pipelines using **Jenkins, Git, Gradle, Jfrog, Ansible**.

Tata Consultancy Services, Pune — System Engineer – Java Developer

Feb 2020 – Feb 2022

- Involved in Developing rest APIs using **spring boot** and **microservices** in **agile** mode.
- Developed exact **Java** solution to the respective COBOL functionality using **Java 8** features.
- API testing using **postman**.
- **Junit** and **Mockito** testing to improve coverage using **Eclemma** and **Jacoco**.
- Code quality maintenance using **SonarQube**.
- Remove bugs and code smell issues after **Jenkins** build.
- Debugging application in **AWS** cloud environment by analyzing **CloudWatch** logs.

EDUCATION

Kolhapur Institute of Technology — B.E.

July 2015 – May 2019

Mechanical Engineering

GitHub projects

<https://github.com/abhi142897/realtime-devops-projects>