**Abhishek Kulkarni**

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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

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| --- | --- |
| 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