Abhishek Kulkarni

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| Passionate DevOps Engineer with 4.5 Years of Experience | Certified Kubernetes Administrator Dedicated and results-driven DevOps professional with 4.5 years of hands-on experience in streamlining IT processes, reducing cloud costs and enhancing efficiency through automation using a diverse set of DevOps tools. Seeking a challenging role to leverage expertise in DevOps technologies and cloud infrastructure to contribute to a dynamic team.  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, Argo CD and GitHub actions | | Static code analysis | SonarQube, Black Duck and Coverity | | Observability and Monitoring | Prometheus and Grafana |    Professional SummaryVeritas Technologies, Pune — Senior software engineer - *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. * Implemented proactive monitoring and alerting using **Prometheus and Grafana**, reducing system downtime by 15%. * Managed and maintained Kubernetes clusters, ensuring **high availability and scalability** for containerized applications. Implemented **rolling update** and **automatic scaling** to accommodate increased workloads during peak usage periods. * 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 DeveloperFeb 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.    EDUCATIONKolhapur Institute of Technology — *B.E.*July 2015 – May 2019 Mechanical Engineering Achievements  * **Certified Kubernetes Administrator (CKA-2024)**  GitHub Here is my GitHub profile, where I showcase my projects and contributions beyond my professional work.  <https://github.com/abhi142897> |