VAIBHAV BANKAR

DEVOPS ENGINEER

CONTACT

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SKILLS

- DevOps
- Cloud Platforms: Aws , Azure.
- Version Control: Git.
- CI/CD Tools: Jenkins, GitHub Action.
- Build Tools: Maven, Npm.
- Code Analysis: SonarQube, Snyk.
- Testing Tools: Trivy, OWASP.
- Configuration Management: Ansible.
- Infrastructure as Code: Terraform.
- Containerization and Orchestration: Docker, Kubernetes.
- Monitoring: Prometheus, Grafana.
- Artifact Store: Nexus, Jfrog, DockerHub.
- Scripting Languages: Bash, Python, Shell.

PROFILE

DevOps Engineer with 2 years of experience in building and maintaining CI/CD pipelines, managing AWS cloud infrastructure, and working with containerization tools such as Docker and Kubernetes. Proficient in Infrastructure as Code (IaC) using Terraform and Ansible, with a strong focus on automation, scalability, and system reliability. Experienced in collaborating with cross-functional teams to streamline deployments and optimize performance.

WORK EXPERIENCE

DevOps Engineer
Hisan Labs Pvt Ltd | Pune   2023-PRESENT

- Built and maintained CI/CD pipelines using Jenkins and GitLab CI, reducing deployment duration by 40% and achieving a 99% pipeline success rate, thereby improving release reliability across environments.
- Developed Infrastructure as Code (IaC) with Terraform and Ansible, accelerating infrastructure provisioning by 70% and eliminating 95% of manual configuration errors in staging and production.
- Managed containerized microservices with Docker and Kubernetes (AKS), decreasing application downtime by 30% through intelligent auto-scaling, liveness probes, and self-healing deployments.
- Automated cloud infrastructure provisioning, reducing environment setup time from 4 hours to under 15 minutes while maintaining 100% configuration consistency across all AWS accounts.
- Streamlined release workflows by coordinating with Development, QA, and Operations teams, cutting deployment lead times by 50% and enabling faster time-to-market for critical features.
- Optimized AWS resource utilization (EC2, S3, RDS, Lambda), realizing 35% cost savings through right-sizing, auto-scaling, and scheduled shutdown of idle resources while maintaining 99.95% service uptime.

EDUCATION

Singhania University   2018-2022
B-Tech

ROLES AND RESPONSIBILITIES

- Integrated version control systems like Git with CI/CD tools such as Jenkins for continuous integration and delivery.
- Engineered CI/CD pipelines using GitHub and Jenkins for end-to-end automation, from commit to deployment.
- Developed, enhanced, and fine-tuned CI/CD workflows to automate software build, test, and deployment processes.
- Utilized Maven for building artifacts from source code.
- Leveraged SonarQube for static code analysis to improve code quality and maintainability.
- Skilled in using security and testing tools such as Snyk, Trivy, and OWASP Dependency-Check.
- Experienced in managing artifact repositories like Sonatype Nexus and JFrog Artifactory for Maven artifacts and dependencies.
- Authored Terraform scripts to provision AWS resources including EC2 instances, IAM roles, S3 buckets, VPC components, EKS clusters, ECS clusters, and integrated monitoring.
- Orchestrated Kubernetes and Docker for containerization, managing local deployments by building a self-hosted Kubernetes cluster using Ansible and deploying application containers.
- Worked with Docker to build custom images, manage containers, and configure Docker environments for development and production.
- Specialized in container-based deployments using Docker, managing Docker images, Docker Hub, Docker registries, and Kubernetes orchestration.
- Handled local Kubernetes clusters and deployed application containers within them.
- Configured monitoring and alerting systems to track infrastructure and application performance using tools such as Prometheus, Grafana, and the ELK Stack.
- Possess strong experience with the AWS platform, including services like IAM, S3, EC2, VPC, ECR, ECS, EKS, CloudFront, EBS, and Route 53.
- Devised auto-scaling and load-balancing strategies to optimize resource utilization and ensure high availability.
- Wrote and automated scripts using Groovy and Bash for build and deployment tasks.
- Hands-on experience with database services like MongoDB, MySQL, SQL Server, and Amazon Aurora on AWS.
- Utilized bug and log tracking tools including Jira and Confluence for issue tracking and documentation.
- Experienced in configuring Linux services including Apache, Nginx, MySQL, PostgreSQL, MariaDB, SSH, DNS, DHCP, FTP, Samba, Apache Tomcat, Syslog, Cron, and NFS.