NAME
DevOps Engineer

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SUMMARY

AWS DevOps Engineer with 3 years of experience in building and managing cloud infrastructure using AWS services such as EC2, S3, VPC, and RDS. Expertise in automating CI/CD pipelines using tools like Jenkins, Git, and Docker to streamline software development and deployment processes. Strong proficiency in Terraform for infrastructure as code, enabling scalable and automated provisioning of resources. Experienced in monitoring, logging, and security management, leveraging CloudWatch, ELB, and IAM for secure, efficient operations. Proven ability to collaborate with development teams, optimize workflows, and ensure high availability of cloud-based applications.

EXPERIENCE	PROJECT-DURATION

COMPANY, LOC

DevOps Engineer

- Automated end-to-end CI/CD pipelines using **Jenkins**, integrating **Git** version control and **Maven** for continuous build, testing, and deployment, **reducing release time by 30%.**
- Built and managed scalable, production-grade infrastructure using **Terraform**, enabling consistent and automated provisioning of resources across AWS environments.
- Containerized applications using **Docker**, streamlining development workflows and enabling faster deployments in microservices architecture.
- Deployed and managed containerized applications in **Kubernetes** clusters, ensuring high availability and fault tolerance through pod scaling, replica sets, and load balancing.
- Configured and monitored system performance metrics using **Prometheus**, creating custom alerts and **Grafana** dashboards to track application performance, reducing incident response time by 40%.
- Collaborated with development teams to implement **Git branching strategies** for streamlined code integration, ensuring smooth merges, reviews, and conflict resolution.
- Orchestrated **blue-green and canary deployments** on Kubernetes, ensuring zero downtime during application upgrades and feature rollouts.
- Utilized Docker images and containers to standardize environment setups across development, staging, and production environments, improving consistency and reducing "works on my machine" issues.
- Integrated security checks and vulnerability scanning in CI/CD pipelines using Jenkins plugins for image scanning and security auditing tools.
- Monitored and optimized Kubernetes cluster resource usage through Prometheus and Grafana, improving application performance and reducing infrastructure costs.

EXPERIENCE	PROJECT-DURATION

COMPANY, LOC

DevOps Engineer

- Automated infrastructure provisioning using **Terraform**, enabling the rapid deployment of cloud resources across multi-region AWS environments.
- Developed and maintained **Ansible playbooks** for configuration management and automated application deployments, ensuring consistent environment setup across development, staging, and production.
- Integrated **Jenkins pipelines** with **Git** repositories to enable continuous integration and delivery (CI/CD), automating build processes with Maven for Java-based applications.
- Implemented **Git branching strategies**, such as feature branching and GitFlow, to ensure smooth version control and collaboration across multiple development teams.
- Automated the provisioning of application dependencies and configurations using Ansible, reducing manual setup time by 50% and eliminating configuration drift between environments.

- Created reusable Terraform modules for cloud infrastructure, reducing time spent on manual configurations and ensuring consistency across environments.
- Integrated Ansible with Jenkins to automate post-deployment configurations, improving deployment reliability and reducing downtime.
- Utilized Terraform for Infrastructure as Code (IaC) to manage and version AWS infrastructure, ensuring that environment changes are trackable and reversible.
- Streamlined build and test processes with Maven in Jenkins pipelines, automating unit testing and code quality checks before deployment to production.
- Collaborated with development and operations teams to implement infrastructure changes through Git version control, ensuring all updates were peer-reviewed and compliant with best practices.

SKILLS

- **Methodologies:** SDLC, Agile/Scrum & Waterfall
- **Cloud Platform:** AWS (EC2, S3, VPC, IAM, SNS, ASG & ELB)
- **SCM:** GIT, GitHub & BitBucket
- **Build Tool:** Maven
- **CI/CD:** Jenkins & AWS Code Pipeline
- **Containerisation:** Docker & Kubernetes
- **IAAC:** Terraform
- **Configuration Management:** Ansible
- **Monitoring:** Prometheus & Grafana, Datadog and Cloud Watch
- **Database:** AWS RDS (MySql)
- **Scripting:** Bash
- **Security:** Sonar, Trivy & OWASP

CERTIFICATIONS

EDUCATION

Bachelor of Electronics and Communication Engineering – College Name   Duration