

NAME

DevOps Engineer

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SUMMARY

Results-driven DevOps Engineer with 3+ years of experience designing, implementing, and managing CI/CD pipelines, infrastructure automation, and cloud-based solutions. Proficient in tools like Docker, Kubernetes, Jenkins, and AWS, with a strong focus on improving deployment efficiency and system reliability. Skilled in collaborating with cross-functional teams to streamline development processes and ensure scalable, secure, and high-performance systems.

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

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- **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

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## EDUCATION

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<b>Bachelor of Electronics and Communication Engineering – College Name</b>	<b>Duration</b>
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