**Rama Sydayya P**  
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**Cloud DevSecOps Engineer**

A highly skilled Cloud DevSecOps Engineer with 12+ years of experience specializing in build and release management, automation, and deployment across multiple cloud environments. Proficient in DevSecOps practices, security integrations in CI/CD pipelines, containerization, and cloud infrastructure automation. Strong expertise in tools like Jenkins, Kubernetes, Terraform, Azure DevOps, Docker, Ansible, and more. Adept at implementing CI/CD pipelines, security scanning, vulnerability management, and troubleshooting. Proven track record of 24x7 on-call support, providing root cause analysis, and continuous improvement in application life cycle management.

**Key Skills & Technologies**

* **Cloud Platforms:** AWS, Azure, Google Cloud
* **DevOps Tools:** Jenkins, Kubernetes, Docker, Helm, Terraform, Ansible, Puppet
* **CI/CD & Automation:** Azure DevOps, Jenkins Pipelines, Ansible Tower, UrbanCode Deploy, Terraform
* **Configuration Management:** Chef, SaltStack, Ansible, Puppet
* **Security & Monitoring:** DevSecOps, Prisma, Snyk, X-Ray, SonarQube, ELK Stack, Prometheus, Grafana
* **Containerization & Orchestration:** Docker, Kubernetes, Helm
* **Scripting & Languages:** Python, Shell scripting, YAML, Java
* **Databases:** MySQL, PostgreSQL, MS SQL Server
* **Others:** Git, Jfrog Artifactory, Jira, Bitbucket, Linux, AppDynamics, Nginx

**Professional Experience**

**DevSecOps Engineer**

**Jetblue Airways**| *Oct 2022 – Present*

**Environment Tools:** Jenkins, Kubernetes, Helm, Docker, AWS, Google Cloud, Jira, Bitbucket, SonarQube, GitHub, Terraform, Python, Ansible, Grafana, Jfrog Artifactory, ELK Stack

* Expertise in DevSecOps processes, ensuring security at all stages of the CI/CD pipeline (runtime and compile-time security) using tools like Prisma, Snyk, and X-Ray.
* Utilized Kubernetes for orchestrating and managing containerized applications, including Helm-based deployments, autoscaling, and cluster management.
* Served as a subject matter expert in Kuberenetes Administration.
* Managed large-scale cloud environments using Terraform for infrastructure automation and provisioning.
* Automated infrastructure with Ansible, handling configuration management, deployment automation, and integration with cloud platforms (AWS, GCP).
* Created and optimized Jenkins pipelines for automated builds, tests, and releases, integrating tools like SonarQube for code quality analysis.
* Set up and administered Jfrog Artifactory & Xray in high availability mode, integrating with Jenkins, Jira, and managing permissions and artifact cleanup.
* Monitored and maintained system performance, integrating Grafana and Prometheus for real-time performance monitoring and alerting.
* Worked extensively on troubleshooting and optimizing cloud environments, ensuring uptime and performance of production systems.
* Provided 24x7 on-call support, resolving critical incidents and providing root cause analysis to leadership teams.

**DevOps Engineer**

**Thesys technologies**

**Environment Tools:** Jenkins, Kubernetes, Helm, Docker, Azure, GIT, AWS, Google Cloud, Jira, Bitbucket, Terraform, CMS, Grafana, AppDynamics, SaltStack

* Architected and maintained CI/CD pipelines to automate builds, tests, and deployments across cloud environments, improving application lifecycle and operational efficiency.
* Led efforts in managing large-scale Kubernetes clusters, automating deployments with Helm, and ensuring high availability with autoscaling and pod disruption policies.
* Administered cloud infrastructure across AWS, Azure, and Google Cloud, focusing on scalability, reliability, and security.
* Integrated security tools like Prisma, Snyk, and X-Ray within CI/CD processes to ensure secure and compliant code releases.
* Worked closely with developers and operations teams to onboard new applications, ensuring smooth transitions and optimizing deployment strategies.
* Managed infrastructure automation using Terraform and Ansible, streamlining provisioning, configuration, and scaling of cloud resources.
* Provided real-time incident management and resolution, part of a 24x7 customer impact analysis team, and optimized application performance through proactive monitoring.
* Used AWS services including EC2, VPC, RDS, S3, Route53, and Glacier, and implemented CI/CD processes using Jenkins.
* Managed source code repositories and controlled access strategies for SVN and Git, ensuring version control best practices.
* Provided troubleshooting and optimization for application builds, deployments, and performance issues, leveraging a variety of tools including Jenkins and Puppet.
* Developed and maintained shell and batch scripts to automate common tasks and processes across multiple environments.