

Jagadish Lokanath

AWS/DEVOPS ENGINEER



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I have over 4+ years of professional experience in IT industry as an AWS/DevOps Engineer with knowledge in Amazon Web Services, Terraform, Lambda, Git, Maven, Jenkins, Docker, Ansible K8'S and Basic Python scripting.

Summary:

- Hands-on experience working with AWS services - **EC2, VPC, RDS, ELB, S3, Cloud watch, EBS, Route 53**, Identity & Access Management (**IAM**), Cloud Formation, AWS Import/Export, **Cloud Trail, Terraform, Lambda** and complete understanding of security groups, routing tables.
- Experience with AWS S3 services creating buckets, configuring buckets with permissions and logging
- Build servers using AWS, importing volumes, launching EC2, security groups, auto scaling, Elastic load balancers (ELBs) in the defined virtual private connection
- Having idea on troubleshooting AWS python related lambda scripts.
- Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
- Managing/Tracking the status of the defects using JIRA.
- Having Knowledge on Cloud Services AWS. Implemented AWS solutions using **EC2, S3, Elastic Load Balancer**, and **Auto Scaling groups**, Optimized volumes and EC2 instances.
- Administering AWS resources by creating **IAM** policies for different users, groups, and roles.
- Experience in configuring AWS Identity & Access Management (**IAM**) by managing the user's new accounts, roles and groups.
- Implemented message notification service using AWS lambda SNS
- Having knowledge Using Terraform create infrastructure in AWS.
- Experience working with version control systems like **GIT**.
- Hands on experience in implementing continuous integration using tools like **Jenkins**.
- Involved on **Branching, Merging and Tagging** concepts in Version Control tool like **GIT**.
- Experience in using build automation tools & **CI** concepts by using tools like Maven & Jenkins.
- Working on Docker hub, creating **Docker images and Docker Containers**.

Work Experience:

Working as AWS/DevOps Engineer at . Sarlak Techno Systems Private Limited at Chennai.

Tenure: - Dec 2017 – Till Date

Project: - Business Report Management AWS/DevOps Engineer

Roles and Responsibilities:

- Experience in infrastructure development and operations involving AWS Cloud Formation templates to create custom-sized VPC, subnets, EC2 instances, ELB, security groups. Worked on tagging standard for proper identification and ownership of EC2 instances and other AWS Services like Cloud Watch, RDS, ELB, EBS, S3, Route53, SNS, IAM.
- Worked on Setup and build AWS infrastructure various resources, VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates. Created instances Implementing local user provisioning in AWS cloud.
- Worked on Terraform templates to create custom-sized VPC, subnets, EC2 instances, ELB, and security groups. Worked on S3 for Terraform state management.
- Built end-to-end CI/CD Pipelines in Jenkins to retrieve code, compile applications, perform tests and and run Terraform jobs to create infrastructure in AWS.
- Managed configurations of multiple servers using Ansible.
- Developed build & deployment scripts using MAVEN as build tools in Jenkins.
- Co-ordinated and assisted developers with establishing and applying appropriate branching, labeling/naming conventions using Git source control.
- Defined dependencies and plugins in Maven pom.xml for various activities and integrated Maven with GIT to manage and deploy project-related tags.
- Built Continuous Integration environment Jenkins and Continuous delivery environment. Implementing and managing Jenkins job to automate the new job creation.
- Deployed Kubernetes clusters to manage Docker containers in the production environment and configured Docker containers for branching purposes. Managed Docker container lifecycle through the Ansible module.
- Created Kubernetes Pods, clusters, replication controllers, services, labels, health checks, and ingress by writing YAML files and deployed microservices on Docker containers.

Technical Skills:

- **Operating Systems:** Linux
- **Version Control:** GIT
- **Continuous Integration Tools:** Jenkins
- **BUG TRACKER:** JIRA
- **Build Tools:** Maven
- **Containerization:** Docker
- **Deployment:** Kubernetes
- **Cloud Services:** Amazon EC2, VPC, Security Groups, ELB, IAM, Cloud Formation, RDS, S3, ADS Cloud Watch, CLI, Simple Services, Route 53, Amazon Aurora, Lambda, DynamoDB, API'S.
- **Infrastructure Provisioning:** Terraform
- **Scripting Languages:** Python Basics
- **Monitoring Tools:** Cloud Watch
- **Configuration Management Tools:** Ansible.

Academics:

MBA (Master of Business Administration)



Visvesvaraya Technology University



Aug 2014 – Jun 2016



Mysore, India.

Declaration:

I hereby declare that the information furnished above are true and correct to the best of my knowledge and belief.

Jagadish Lokanath