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| Name of the Candidate | Nagaraju Y |
| Email ID | nageshnetha8@gmail.com |
| Contact Number | 7286953920 |
| Total Experience | 3.10 Years |
| Relevant experience | Devops: 3+yrs |
| AWS: 3 yrs |
| Kubernetes: 1.6 |
| Relevant in Liunx: 2 |
| Dockers: 1.6 |
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| Communication Skills (Rating) | 8 |
| Current Location | Bangalore |
| Preferred Location | Noida |
| Offer in process | Pipeline interviews |

**Nagaraju Y**

**Devops Engineer**

**Email: nageshnetha8@gmail.com**

**Mobile: 7286953920**

**Professional Summary**

* Having **3.10 years** of experience **in AWS, DEVOPS along with Linux**.
* Proficient in AWS services **in EC2, VPC, S3, IAM, Autoscaling, Elastic Load Balancer, SNS, Cloud Watch, EBS, EFS, Route53, RDS, AWS CLI, CloudFront,CloudWatch,Cloudformation,Terraform,Endpoints,Lambda,Storage Gateway**
* Worked on instance root volume increase and creation of new volumes, attaching new volumes to existing instance and resizing existing volumes, creating snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
* Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC
* Created NAT gateways and instances to allow communication from the private instances to the internet.
* Used security groups, network ACL’s, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
* Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, Ubuntu, RHEL, and Windows.
* Used IAM for creating roles, policies, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
* Experience in automating build and deployment workflows using **GIT, MAVEN, JENKINS, DOCKER, ANSIBLE and KUBERNETES**
* Experience on version controlling tool **Git**.
* Performing build activities by using **Maven**.
* Experience in Continuous Integration (CI) setup. Installed Jenkins, **created build jobs,** set up **distributed builds** using Jenkins **master/slave** concepts, **plug-in** installation backup using **Jenkins.**
* Experience in automating, building, deploying, and releasing of code from one environment to other environment like **Dev, QA, and Staging.**
* Experience on Containerization Tool **Docker** writing **Docker files** for creating **Docker images** and containers for different environments.
* Hands-on experience in Setting up of **Ansible infrastructure,** and writing Playbooks and uploading **Playbooks**, Roles for **Application Deployment Automation**.
* Application Deployment and environment configuration using **Docker** and **Ansible.**
* Experience in Installing, configuring and maintaining apache/tomcat Application Servers.
* Verifying Deployment logs to check for successful deployments in **Apache Tomcat Server**.

**Technical Skills**

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| Operating System | Windows , Linux |
| Container Orchestration | Docker Swarm |
| Containerization Tools | Docker,Kubernates |
| Cloud Service | AWS |
| CI/CD Tools | Jenkins |
| Application Server | Apache Tomcat |
| Configuration management Tool | Ansible |
| Version Control | Git, GitHub |
| Build management tool | Maven |
| Scripting languages | Python script,Shell script |

**Educational Qualifications**

* Bachelor of Technology in Electrical & Electronics Engineering

**Professional Experience**

* Currently working as Devops Engineer for Tcs,Bengaluru.

**Projects**

**Project-1**

**Project Name : Personal Corporate Banking**

**Duration : March 2018 to till date**

**Role : DevOps Engineer.**

**Roles and Responsibilities**

* Responsible for Build and Managing Infrastructure on AWS cloud and creating CI/CD pipelines Jenkins.
* Worked on AWS services like VPC, EC2, S3, ELB, AutoScalingGroups(ASG), EBS, IAM, Route 53, CloudWatch, CloudFront, CloudTrail
* Monitoring my application using cloudwatch.
* Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Created multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Installation of “SSL Certificate Management” with Key store management of Troubleshooting
* Written Templates for AWS infrastructure as a code using Terraform to build staging and production environments.
* Configure Jenkins server by installing pre-requisites like Java, Git and installing plugins required for build and deployment process.
* Involved in installing Jenkins and created Master and Slave configuration to implement multiple parallel builds
* Responsible for User Management, Administration, Group Management, Slave Management,
* Used Maven as build tool on Java projects for the development of build artifacts.
* Performed and deployed Builds for various environments like QA, Integration, UAT and Productions Environments.
* Configured security and system in **Jenkins**. Added multiple nodes to Jenkins and configured**SSH** for continuous deployments.
* Configured Build Triggers by using Poll SCM & Build Periodically.
* Writing **Ansible playbooks** to maintain systems configuration and creating roles.
* Configured services packages using Ansible modules yum, service, templates, handlers and configuring Apache Tomcat server using Ansible.
* Experience on creating **GITBranches**, **Tags** and **merging** the source code between different branches.
* Performing the Code Analysis using the tools like SONAR.
* Used Maven as a build tool for java projects and integrated with Jenkins.
* Experience with **Docker** in creating custom Docker Images using Docker file
* Troubleshoot and resolve issues related to application deployment and operations
* Create images from docker containers and backup and migrate these container infrastructures.
* Taking care of deployments using Docker and Ansible
* Managed Docker orchestration and Docker containerization using Kubernets
* Implemented a production load balanced, highly available, rolling updates, Kubernets infrastructure

**Project-2**

**Project Name : Internet Digital Marketing**

**Duration : Jan’17 to Till March’18**

**Role : AWS Engineer.**

**Roles and Responsibilities:**

* Worked on Identity Access Management (IAM) like AWS permissions, Roles, Policies, MFA authentication.
* User permissions and Groups and used IAM to create new accounts, roles and groups.
* Very good hands on experience on Simple Storage Service (S3) like Create an S3 Bucket, S3 Versioning, Cross Region Replication, S3 Life Cycle Management.
* Worked on EC2 (Elastic Compute Cloud), Launch an EC2 Instance, use of Putty (for Windows Users), assigning Security Groups.
* Creating and Upgrading EBS Volumes, Creating Snapshots to take backup of the volumes and also image to store launch configuration of the EC2 instance.
* Creating an AMI, AMIs - EBS Root Device Volumes vs Instance Store.
* Creating Load Balancers and Health Checks, Cloud Watch EC2, Setting-up Auto scaling Groups and Launch configuration, Creating Elastic File System.
* Worked on Route 53, Register A Domain Name, Setup Our EC2 Instances, Simple, Weighted, Latency, Failover Routing Policies.
* Worked on configuring secure cloud VPC, Public subnets & private subnets, Introduction to Gateways, Understanding Route tables & Subnets.
* Build Your Own Custom VPC, Network Address Translation (NAT), Network Access Control Lists (NACLs), VPC Peering.
* Worked on Data bases like Create RDS Instance, RDS - Back Ups, Multi-AZ & Read Replicas.
* Working with CloudWatch Events, CloudWatch Alarms. Setting-up CloudWatch Global monitoring applications used service like EC2, S3, ELB, Auto-scaling & RDS distributed across various AZs based on standard and custom metrics.
* Worked on SNS, Create a Billing Alarm, AWS Resource Groups & Tagging.

**Declaration:**

I hereby declare that the information provided above is true to the best of my knowledge and belief.

**Date:**

**Place:**

**Y Nagaraju**