Yaseen S
(*Devops Engineer*)

Email: yaseensec@outlook.com
Mobile: (+91) 8919833528

Professional Summary:

- Having 3.5+ years of strong experience in the area of AWS,DevOps,CI/CD Pipeline,Build and Release Management
- Experience in Linux System Administration,Build Engineering and Release Management Process
- Experience in Linux user administration,creating,modifying,removing users and groups and resetting passwords
- Hands on experience in setting up permissions on files and directories using Access Control Lists and also setting up SELinux and Firewall Policies
- Experience in implementing and configuring WEB,DNS,DHCP,NFS,SAMBA,FTP,VPN and SSH Servers,local yum repositories and managing LVM's
- Using Kickstart files to automate installation of Red Hat Linux on physical servers and on KVM
- In-depth knoweledge of Cloud Technologies like Amazon Web Servers and Google Cloud Platform
- Hands on experience in setting up AWS EC2 instances,VPC's,S3 Buckets,NAT Gateways,Security groups and IAM policies
- Experience in configuring AWS services like ECR,Cloudfront,Route53,SES,SNS,SQS,RDS, Autoscalling and Load Balancers
- Skilled at Software Development Life Cycles and Agile Methodologies
- In-depth knowlege of Devops management methodologies and production deployment configurations
- Profound knowledge on Git,Gitlab,Maven,Jenkins,Docker,Kubernetes,Docker Swarm,have created CI/CD deployment pipelines for applications
- Experience in setting up Jenkins server,installing plugins,creating users,roles and implementing role-based strategies and configuring Jenkins controller and agent nodes
- Good Understanding on Configuartion Management tools like Ansible,Chef
- Sound Knowledge on scripting languages like Python and Bash/Shell Scripting
- Knowledge on Infrastructure Provisioning tools like Terraform
- Sound Knowledge on monitoring and logging tools like Prometheus and Nagios
- Good Understanding of Networking concepts like TCP/IP,DNS,DHCP,Subnetting,NTP
- In-depth knowledge on webserver and database like Apache and Mysql database
- Has an Ability to learn and develop new technologies quickly

Professional Experience:

- Kanagala Technologies Private Limited,Tenali as a Software Developer cum Engineer from August 2017 to Feb 2021

Technical Summary:

Programming Languages	Python,Bash/Shell Scripting
Operating Systems	RHEL,CENT OS,Arch Linux,Ubuntu and Windows 10
Cloud Technologies	AWS(EC2,RDS,IAM,S3,EBS,ELB,VPC,AutoScalling,Cloudfront,Route 53,Lambda,SQS,SNS)
CI/CD Tools	Git,Maven,Jenkins,Docker,Chef,Ansible,Kubernetes, Docker Swarm
Virtualization Tools	KVM/QEMU,Virtual Box
Other Tools/Skills	Nginx,Apache Tomcat,Terraform,Prometheus,Nagios, Networking and Mysql Database

Projects Profile :

Project #2   : **Tenali Double Horse ERP Application**

Role   : **AWS/DevOps Engineer**

Responsibilities   :

- To create Dockerfiles for building Docker Images
- To author ansible playbooks to Install,Configure,Update services in different environments
- To implement Jenkins Declarative Pipeline to build, push Docker images to AWS ECR and to Deploy Containers to Docker Swarm Cluster in different environments
- To implement high availabilty Docker Swarm Cluster using AWS EC2 Instances
- To create Docker Compose file to deploy multiple connected microservices using Docker Swarm
- To Provision the CA and generation of TLS certificates for Docker Hosts in Docker Swarm Cluster
- To implement AWS EC2 Auto Scalling for EC2 cluster
- To create and implement Load Balancer for Docker Swarm Cluster
- To create IAM security policies for AWS ECR
- To provision and replicate Amazon Elastic Block Store volumes to store data
- To use AWS Cloudfront and Route 53 services for CDN and DNS services
- To create and maintain GIT repositories and branches for different environments
- To assist developers with merging code between different branches
- To configure topics for email in AWS Simple Email Service to notify Success/Failure of builds
- To assist and collaborate with other teams like Development,Testing and QA teams
- To Monitor the health of Docker Swarm Cluster using Nagios

Environment   : Python,Git,Jenkins,Docker,AWS ECR,AWS EC2,Docker Swarm,
                  Mysql Database,AWS Cloudfront,Route 53,AutoScalling and Load Balancer

Project #1 : **Capital Hospitals ERP Application**

Role : **AWS/DevOps Engineer**

Responsibilities :

- To create AWS EC2 instances and security groups
- To create and maintain GIT repositories and branches for different environments
- To create new users and provide permissions to GIT repositories
- To assist in merging code between different repositories
- To author ansible playbooks to Install,Configure,Update required services in different environments
- To setup and configure Nexus Repository OSS to store Artifacts
- To setup and configure Apache Tomcat Server to work with AWS RDS
- To setup Mysql scalable instances in AWS RDS
- To assist developers in creating pom.xml for Maven builds regarding plugins and dependencies
- To integrate services like Maven,Junit,SonarQube,Nexus OSS,JaCoCo with Jenkins Server
- To implement Jenkins Declarative Pipeline to build,test and to Deploy WEB application to Tomcat Server
- To implement AWS EC2 Auto Scalling for EC2 instances
- To create and implement Load Balancer for EC2 instances
- To use AWS Cloudfront and Route 53 services for CDN and DNS services
- To configure topics for email in AWS Simple Email Service Success/Failure of builds
- To assist and collaborate with other teams like Development,Testing and QA teams
- To Monitor the health of EC2 Instances using Nagios

Environment : Java,Git,Jenkins,Maven,JUnit,AWS EC2,Apache Tomcat,Nexus Repository OSS,AWS RDS,AWS Cloudfront,Route53,AutoScalling and Load Balancer

Educational Qualification:

- B.Com from Acharya Nagarjuna University,Guntur, during 2014-2017
- Intermediate from Viveka Junior College,Tenali, during 2012-2014
- SSC from Viveka Public School,Tenali , during 2011-2012

DECLARATION

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

(Yaseen S)