

Yaseen S
(Devops Engineer)

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Professional Summary:

- Having 3.5+ years of strong experience in the area of AWS, Linux, DevOps, CI/CD Pipeline, Build and Release Management
- Hands on experience in setting up AWS VPC, EC2, Security Groups, IAM, NAT Gateways, Load Balancers, AutoScaling, CloudFront, Route 53, RDS, S3, ECR, ECS, EKS
- In-depth knowledge of Devops management methodologies, production deployment configurations and created CI/CD deployment pipelines for applications
- Hands on Experience in provisioning Infrastructure in AWS using Terraform
- Expertise in Container Orchestration to Deploy, Scale, Maintain applications using Kubernetes
- Used Helm Charts to Deploy, Scale and Upgrade Kubernetes Applications in AWS EKS
- Experience in setting up Jenkins server, installing plugins, creating users, implementing role-based authorization strategies and configuring Jenkins controller and agent nodes
- Authored Ansible Playbooks to Install, Configure and Maintain services in Infrastructure
- Proficient in using Git, Github, Maven, Apache Tomcat, Nexus OSS Repository and Packer
- Good Understanding of scripting languages like Python and Bash/Shell Scripting
- Good Understanding of Networking concepts like TCP/IP, DNS, DHCP, Subnetting, NTP
- Has an Ability to learn and adapt to new technologies quickly

Technical Summary:

Programming Languages	Python, Bash/Shell Scripting
Operating Systems	RHEL, CENT OS, Arch Linux, Ubuntu and Windows 10
Cloud Technologies	AWS-VPC, EC2, IAM, Security Groups, AutoScaling, Load Balancing, ECR, ECS, EKS, RDS, S3, Route 53, CloudFront
CI/CD Tools	Git, Github, Terraform, Docker, Kubernetes, Helm, Ansible, Jenkins, Maven, Apache Tomcat, Nexus OSS Repository, Packer
Virtualization Tools	KVM/QEMU, Virtual Box, Vagrant
Other Tools/Skills	Nginx, Networking, Mysql Database

Professional Experience:

Kanagala Technologies Private Limited,Tenali as AWS and DevOps Engineer from August 2017 to March 2021

Role : AWS and DevOps Engineer

Duration : March 2018 to March 2021

Responsibilities :

- To Design,Deploy,Manage,Monitor Scalable Cloud Infrastructure using Amazon Web Services(AWS) for Client Applications
- To Architect Cloud and DevOps Solutions while adhering to best practices,Security and Cost Cutting in mind and to Scale services as needed
- To Provision AWS Services like EC2,VPC,AutoScaling,Load Balancing,ECR,EKS using Terraform
- To Create Golden Amazon Machine Images using Packer for Development and Production use cases
- To Create and Maintain Multi-Stage Dockerfiles to build Docker Images for applications
- To Orchestrate Containers using Kubernetes, to Deploy,Maintain,Scale applications and to handle Rollbacks in case of failed deployments
- To prepare and version Helm Charts for the applications to deploy and upgrade on Kubernetes
- To author Ansible Playbooks and Create Roles for Configuration Management,System Patching,Log rotation,Cron Jobs
- To Create and Maintain GIT repositories,to implement branching strategies,providing permissions and to assist in branch merges
- To Implement and manage End-to-End Jenkins Pipelines to build and deploy Java and Python based applications on Kubernetes
- To integrate tools like Maven,Sonarqube,Docker,Nexus OSS into Jenkins server using plugins
- To create and configure agent nodes using EC2 and Docker instances for Jenkins Controller
- To provision and load balance Jenkins Controller for High Availability
- To setup Nexus Repository OSS to save Artifacts and also to setup maven private registry
- To configure and setup Apache Tomcat and to deploy Web applications using Jenkins Pipeline
- To regularly maintain,upgrade,security patch Terraform Templates,Jenkins Declarative Pipelines, Ansible Playbooks,Golden AMIs,Dockefiles,Kubernetes Manifest Files and Helm Charts
- To assist and collaborate with Developers for designing and building Business Logic

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)