BHARGAV ADHIMULAM

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Cloud Engineer with close to 2 years of experience with Amazon Web Service. Planning, designing and developing cloud-based applications, managing cloud environments in accordance with company security guidelines. Deploying and debugging cloud initiatives as needed in accordance with best practices throughout the development lifecycle.

## CERTIFICATIONS

**AWS Certified Solutions Architect Associate**

## SKILLS

* Experience knowledge on AWS Resources
* Experience Knowledge on Docker .Creating an Docker Images
* Experience Knowledge on GIT
* Experience Knowledge on site 24x7 , Nagios
* Having an Knowledge kubernetes Creating a cluster with the help of AWS ECS,kubeadm &kops.
* Experience Knowledge on ELK/Jenkins.
* Experience in writing terraform script for automation.

## EDUCATION

**Aurora's Technological and Research Institute**

Bachelor's

Information Technolgy

Hyderabad, Telangana 10/2012 to 05/2016

**WORK EXPERIENCE**

**Linux Administrator**

07/2019 to Present

**Company**: Apalya Technologies Pvt Ltd

**Role:** Cloud & Linux Admin

# Cloud Computing (Amazon Web Services)

-> Having Knowledge on Amazon Web services - ELB , EC2 , S3 ,RDS ,SNS ,Cloudwatch ,VPC ,Elastic Cache , Route53 ,EMR ,IAM ,Cloud Front

-> Expertise in archetecting secure VPC solutions in AWS with help of Network ACL ,security group ,public and private network configurations.

-> Creating/Managing S3 Bucket with CLI for backup purposes and also managing policies for s3 bucket;Upload images for CDN

-> Experience in managing and maintaining IAM policies for organizations in AWS to define groups, create users, assign roles and define

rules for role based access to AWS resources

-> Create snapshots and amazon machine images (AMIs) of the instances for backup and creating clone instances

-> Manage systems routine backup, scheduling jobs, enabling cron jobs, enabling system logging of servers for

maintenance

-> Installation , configuring the ELK stack

-> Installation , configuring , Managing nagios,and cloudwatch for monitor critical system health, performance, security, diskusage..etc

-> Installation and Setup MySQL/RDS Database (Master and slave)Server.

-> MySQL Database backup(Hot/Cold) recovery and optimese table.

-> MySQL Database Security,creating users and managing permissions.

-> Setup/Managing Linux/Ubuntu Server on Amazon(EC2,ELB,EBS,SSL,Security groups,RDS&IAM,Elastic cache,EMR)

-> Creating/Setup ELB inetrnally and externally .

-> Setup/Managing VPC ,Subnet make connection between different zones; blocking suspicious ip/subnet via ACL

-> Creating/Managing AMI/Snapshots/Volumes ,Upgrade/Downgrade AWS resource(CPU and Memory)

-> Creating AWS Instances

-> Have Knowledge on Recover Issues like server load..

# DevOps

-> Installation/Configuring Nagiosalerts for application and maintaining high availability of application (Monitoring-tool)

-> Creating/maintaing a Docker images.

-> Maintaining a Git(Version Controll system).

-> Creating a fully automated CI/CD pipeline for code deployment through Jenkins

-> Creating a jenkins Jobs for Code Deployment in Prod/Staging

**LINUX**

-> Installation/Configuring the Mongo in AWS instances.

-> Installation/Configuring the Elasticsearch/Tomcat on Linux servers

-> Installation/Configuring apache/Jboss wildfly15 service on linux server

-> Managed system storage requirements, access controls and permissions.

-> Managing system processes and scheduling processes with the cron utility

-> Monitored System Activities like CPU, Memory, Disk and Swap space usage to avoid any performance issues.