**Resume**

**PANASA SHIVA Email:** Shiva.p7661@gmail.com **Mob no:** +91 8142429598

**PROFESSIONAL OBJECTIVE:**

3 years in AWS Cloud Administrator experience, IT Infrastructure and Hosting based 24X7 support environment. Looking for challenging position in the organization where my knowledge would make significant contribution to the company’s growth, which would enhance my skills.

**PROFESSIONAL SUMMARY**

* Having 3 years of total industry Experience with AWS IAAS related Services.
* Expertise in Amazon Web Services (AWS) environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load-balancers, S3, Cloud Front, Elastic File system, RDS, VPC, Route53, Cloud Watch, Cloud Trail, IAM. Have been using IAM to create new users, roles and groups.
* Managing IAM accounts (with MFA) and IAM policies to meet security audit & compliance requirements.
* Used Auto-scaling and Elastic Load Balancer features on EC2 instances to serve the end users using applications during unexpected traffic/demand.
* Configure **AWS Elastic Load Balancer** to distribute traffic between multiple instances and control all traffic. **Path based routing** on Application Load balancer
* Implementing **security groups** at EC2 instance level to control inbound and outbound traffic as per requirement.
* Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets.
* Configured AWS **Cloudwatch alarms** to monitor CPU and memory utilization of EC2 instances and receive alert on email by **SNS**, utilizing in Auto-scaling launch configurations for better performance.
* Built S3 buckets, managed policies for S3 buckets, used S3 bucket and Glacier for storage and backup on AWS.
* Configuring of Virtual Private Cloud (VPC) with networking of subnets containing servers.
* Creating and configuring VPC, VPC endpoint etc.
* Created and worked on Elastic Block Store and Instance Store Volumes.
* Configured NAT instance for servers within the private subnets thereby not exposing to the public internet.
* Configuring and managing AWS Simple Notification Service (SNS) .
* Configuring Cloud Trail for viewing Logs.
* Implemented Auto Scaling for high application availability.

**PROFESSIONAL EXPERIENCE:**

* Working as an AWS Engineer at Beyond Blue IT Solutions Pvt Ltd from 29th October 2019 to till date.

**Technical Skills:**

**Server Operating Systems Linux:** Amazon Linux, Ubuntu, Windows Server 2016

**Email Servers:** SMTP, SES.

**AWS Cloud:** EC2, RDS, VPC, EBS, ELB, S3, Glacier, IAM, Autoscaling, Route53, Cloud formation, Cloud front, Elastic IP’s, AWS Lambda, AWS Trusted Advisor, NACL’s, ACM’s

**Monitoring:** AWS CloudWatch, Nagios.

**Networking:** IP Addressing, DNS, VPN, TCP/IP, ACL’s, NAT, OSI 7 Layer’s.

**Databases:** RDS, MSSQL, MySQL Aurora.

**ACADEMIC PROFILE:**

* Bachelors in mechanical Engineering from Swamy Ramanandha Institute of Science & Technology, Nalgonda, University of Jntu-h with 1st Division (61.82 %) in Year 2018.

**PROJECT SUMMARY:**

**#1**

Project Title : Infrastructure migration/support to cloud (AWS)

Client : Legato

Company : Beyond Blue IT Solutions Pvt Ltd

Role : AWS Engineer

Team size : 4

Duration : October 2020 to till date.

**Description**

Legato has a SaaS based application in-house product hosting on their current datacenter-based environment. As a business strategy customer has decided to migrate to Cloud for consolidation and cost advantage purposes. So, Migrated the current infrastructure on to cloud without losing the native active performances and with minimal down times. Provided infrastructure level support for migrating the applications and databases from on premise to cloud successfully and responsible for load balancing the application to reduce the complexity in the infrastructure.

**Roles and Responsibilities**

* Involved in designing architecture for infrastructure migration.
* Involved in migrating the applications and Databases on to cloud.
* Creating IAM roles to developers, and Admins.
* Responsible for setting up a secure virtual network for the applications with increased security.
* Creating/Modifying Volumes, Snapshots and Amazon Machine Images.
* Created Relational Database Services with MySQL Engine in Virtual Private Environment.
* Load Balancing for the EC2 Applications for scalable & highly available, Managing SSL Certificates in ACM’s.
* Maintaining Websites & Virtual Hosting’s in Linux using Apache (LAMP).
* Scheduling Code backups & DB backups regularly to S3 using Shell scripts.
* Maintaining EC2 & RDS snapshots daily with retention policies.
* Monitoring all the CPU, RAM & Disk utilizations in CloudWatch Alarm’s & Http in Nagios.
* Involved in Documenting the entire process of configuration and infrastructure setup.

**DECLARATION:**

I Panasa Shiva do here by confirm that the information given above is true to the best of my knowledge.

**Place**:

**Date**: (Signature)