**Jakkula Shiva**

 **jakkula.shiva123@gmail.com**

 **Mobile: +91 9573708346**

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| Objective |

Over 3+ years of professional experience in system and managing server infrastructures across multiple platforms. Experience in Amazon EC2, S3, RDS, Elastic Load Balancing, SQS, Cloud. Providing Security using IAM, Security Groups and NACL. Provisioned AWS S3 buckets for backup of the application. Configured AWS IAM and Security Group in Public and Private Subnets in VPC. Strong perseverance and diligence towards attaining challenging goals and possess good communication skills and quick learning ability.

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| Professional Summary |

* Currently Working as **AWS System Administrator** in **Lejara Global IT Solutions Private Limited, Hyderabad** from Nov 2018 to Till Date.
* Experience in Amazon Web Servicesand Devops
* Extensive working knowledge on IAM for Identity on Access Management for AWS using Multifactor authentication
* Hands on knowledge in creation of Roles , Profiles and users in IAM
* Migration of the on-premise solutions to Amazon Cloud using EC2, VPC andS3.
* Working experience in taking snapshots of the EBS Volumes
* Hands on experience in provisioning the Databases using RDS.
* knowledge of Setting up CDN using Cloud Front andS3
* Hands on knowledge Backups and Migration using Glacier,S3
* Hands on experience in setting up Auto Scaling Groups forEC2
* Hands on experience in Configuration of ELB (Elastic Load Balancer)
* Hands on experience in configuration of SNS topics for alerts received from Cloud Watch
* Hands on experience in Setting up Billing Alerts and working knowledge on Billing and Cost Optimizations
* Working knowledge on Setting up monitoring using Cloud Watch Alarms.
* Hands on experience in Setting up Multi AZ RDS instances for High Availability
* Hands on experience in Creating of public & private subnets usingVPC
* Good Experience with application and infrastructure management and monitoring tools

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| Responsibilities |

* Setup and maintain cloud based infrastructure(AWS)
* Design AWS infrastructure based on the application requirements
* Design and implemented Security using VPC, IAM, Security Groups and NACL
* Ensure appropriate redundancy and fall backs in all server environments
* Communicate with engineering, production and QA in coordinating systems engineering work..
* Managing Backups of EBS Volumes
* Building from the ground up reliable infrastructure services in AWSto deliver highly scalable services
* Creating the High available servers which span across Availability Zones using VPC and Elastic Load Balancer
* Administration of Linux servers in Amazon Web Services
* Experience in working on source controller tool like (Global Integration Tool) **GIT**.
* Strong knowledge on source controls concepts like Branches, Merges and Tags.
* Hands on experience in setting up the CI/CD pipelines using **Jenkins, Maven, GitHub, Ansible, and AWS.**
* Experience in using **Maven** as a build tool for building deployable artifacts (WAR & EAR) from source code.
* Application Deployment and environment configuration using **Ansible**
* Responsible for **creation** and **uploading** management of **Ansible playbooks**
* Responsible for creating of **Dockers images** and pulling images from **Docker Registry**.

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| **User Authentication & Access** |

* Created Multifactor Authentication for AWS Users in the organizations
* Created IAM Roles, IAM Policies and Attach to users and Groups

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| Technical skills |
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**Amazon Web Services Platform**

* Identity Access Management (IAM)
* Amazon Simple Storage Service (S3)
* Cloud Front
* Elastic Compute Cloud (EC2)
* Elastic Load Balancer (ELB)
* Virtual Private Cloud (VPC)
* Databases (MySql,MSSql,DynamoDB,)
* Security Option (cloud Trail,AWS Config)
* Application Services(SNS,SQS,SES,)
* Amazon Elastic Cache
* **DevOps Tools :**

 **GIT (distributed version control tool), GitHub,Maven (Build tool), Docker (Container Based Tool) and Jenkins (Continuous Integration tool).Ansible**

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| Technical Proficiency |

**AWS Cloud Management :** Cloud Watch, Cloud Formation, Cloud Trail, Cloud Front, AWS Config .

**DEVOPS Tools** : GIT, Jenkins, Maven, Ansible, Docker **Operating Systems worked on:** Linux

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| Educational Qualifications |

* Bachelor of Technology in “Electrical and Electronics Engineering” from Jawaharlal Nehru Technological University with **63.33%**.
* Intermediate from Board of Intermediate Education, Andhra Pradesh, Hyderabad with **73.33 %**.
* S.S.C from Board of Secondary Education, Andhra Pradesh, Hyderabad with **66.66%**.

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| **Projects** |

**Project 1: Migration of Telangana Electrical board on-premise to AWS**

## In this project, I worked in the client location along with the developer team. We migrated legacy ERP application to AWS using Cloud Endure. We used AWS Schema Conversion tool, Database migration Service to migrate whole data easily.

## Project 2: Internal Billing Application for Static Website Hosting

This project we had created an S3 Bucket for Static Website Hosting. The Application is designed to automate the bank's money market operations. It provides for on-line data capture and validation.

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| **PERSONAL PROFILE** |

Name : Jakkula Shiva

Father Name : Jakkula Odelu

Date of Birth : 14-06-1990,

Nationality : Indian,

Languages Known : English and Telugu,

Permanent Address : vill: Adivaram pet, Mandal: Ramagiri, Dist:

 Peddapalli, Telangana, 505212, India.

I hereby all the above information is correct and true to the best of knowledge.

( **JAKKULA SHIVA** ).