**-CURRICULUM VITAE**

**Name:** Swaroop Kishan Sasankota **Email:** kishan.swaroop2@gmail.com

**Mobile No:** +917899031004

**Carrier Objective:**

Having nearly 5 years of experience in Infrastructure services to seek a challenging position with a dynamic organization and apply my knowledge & skills to meet organizational and professional goals.

**Carrier Summary:**

* Installations of VMware vSphere, and the public cloud activities such as setting AWS VPC and EC2 instance
* Hands-on experience on AWS Cloud technology.
* Knowledge of Docker and Linux
* Proficient with different AWS services, like creating of ec2 instance and cost-efficient management of resources by configuring the auto-scaling, back-up of the volume of attached to critical servers by taking a snapshot on time-time, monitoring of different services by using cloud watch.
* Strong knowledge and experience in AWS services like **S3, IAM, and ELB**
* Good experience in the Amazon Web Services environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load Balancers, Cloud watch, Cloud Formation.
* hands-on experience in AWS with provisioning & resource management and setting up Enterprise infrastructure on Amazon Web Services (AWS).
* Configure Virtual Private Cloud with subnets, AWS security patches, and Nat Instances manually as well as with the VPC’s
* Ability to learn and master new technologies and to deliver outputs in short deadlines
* Created AMI images of the critical EC2 instance as backup using AWS CLI and GUI.
* Configuring Cloud Watch for Monitoring Instance, RDS, ELB’s, etc. Conducting Cost Optimization Audit for Clients AWS account.
* Very good knowledge in access management using the **Identity Access Management** in **AWS.**
* Knowledge of creating, deleting, and updating the buckets in S3.
* Provided 24x7 production support and development environments. Ability to communicate requirements effectively to team members and manage applications
* **Professional**  **Certification:**
* AWS Certified Solutions Architect – Associate Level (id: 09953401MBV11GWB)
* **Work Experience:**
* Currently working as a system engineer for **IBM India Pvt Ltd** (**under the payroll of  in lore technology private limited** ) from  august 2016 to date

**WORK –SNAPSHOTS/RESPONSIBILITIES:**

**Could Support:**

* Creating and managing instances in AWS EC2.
* Configuring VPC for different project requirements.
* Working on AWS EC2  management like creating instances, creating volumes,  and volume level snapshots
* Creating IAM and user assigning request policies to the user.
* Setting up private networks and sub-networks using Virtual Private Cloud (VPC) and creating security groups to associate with the networks.
* Creating folders in S3 Bucket and uploading images and files and maintaining the buckets and folder permissions
* Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS
* Creation of **S3** and modifying it to use as a file system and creations and installation of **EFS** in **AWS** to create common storage for different teams
* Created MySQL **RDS** instances for database layer in multi-AZ deployment for high availability, for performance improvement created read replicas
* Created and worked on Elastic Block Store and Instance Store Volumes.
* Creating IAM to create new accounts, roles, and groups
* Managing Route 53 creating and updating accordingly.
* Using could watch service creating an alarm for monitoring the EC2 servers performing like CPU utilization, disk usage, etc
*          Configured NAT Gateway for internal servers with the private subnets thereby not exposing to the public internet.
* Worked on security management and patching in AWS. Proficient with different AWS services, like the creation of **EC2** Instances and cost-effective management of resources by configuring **Auto scaling**, **back-up of** **volumes** attached to critical servers by taking snapshots **on time-to-time**, monitoring of different services by using **cloud-watch**

**DOCKER:**

* Configuring the **Docker** containers and creating Dockerfile for different environments.
* **Docker** installation and image setup.
* Creating a custom image from a **DockerFile.**
* Working  on Docker file Directives**: USER, RUN and ENV**
* Installation and configuration of **DOCKER** in Linux machines with pre-configured images.
* Creation of **DOCKER** **COMPOSE** files as per requirements of different teams.
* Creating and maintenance of **DOCKER** images in **DOCKER** hub and local repo as well.

**Virtualization Support:**

* Installing and managing venter server 5. x and 6. x.
* Installing and configuration of New ESXi servers.
* Creating and Managing Virtual Machines and Templates in VMware.
* Handling the hardware upgrades on VMware setting limits on CPU and RAM.
* Creating Clusters for High Availability (HA) and Distributive Resource Scheduling (DRS)
* Performing below tasks such as VMotion and Storage VMotion and Live Migration in VMware.
* Adding and removing data stores in the ESXi host.
* Upgrading Vmtools and VM Hardware versions using the Update Manager
* Organize tasks, events and Configuring alarms
* Creating Virtual Switches, Ports, and Port groups for a different purpose.
* Migration of Virtual Machines using V-Motion.
* Administer servers using ILO and mstc
* Setting up Users and Groups for access to the Virtual Centre.
* **Academic Qualifications:**
* B.E (ELECTRONIC AND COMMUNICATION) from S.J.C.I.T in the year 2013
* PUC from S.J.R.C. in the year 2008

**Personal Details:**

DOB: 08/07/1989

PAN card: FNRPS6786Q

Nationality: India

Gender: Male

Father Name: siva Prasad