**SivaSai**

Mobile: +91 9663205175 E-Mail: [sivasaip963@gmail.com](mailto:sivasaip227@gmail.com)

**Seeking Cloud Administrator in the domain of Infrastructure Solutions/ Technical Support with an organization of repute in IT sector**

***Linux- AWS - Apache Tomcat-Docker-Git-GitHub-Jenkins-Nginx***

**CAREER OVERVIEW**

⦁ Having 3 years of overall experience in leading IT Operations entailing:

- Amazon Web Services

- DevOps

⦁ Working as Infrastructure Engineer (Linux, AWS) with Philips, Bangalore as Cloud Administrator role.

⦁ Extensive experience & technical skills in providing 24\*7 support environment & effective solutions that positively impact customer satisfaction and operational costs.

***Technical Skills:***

* Operating Systems: Red Hat Linux 5.0/6.0/7.0,Amazon Linux.
* Cloud Skills : Amazon Web Services ( AWS ), EC2, S3, VPC, Cloud Watch, Cloud Trail,Cloud Front,SNS, IAM, Route 53, ELB, Glacier, Auto Scaling.
* Source code Management: Git, Github, Gitbucket.
* Virtualization : Docker.
* Implementing Terraform Stacks.
* CI/CD Tools: Jenkins
* Configuration Management Tool: Ansible
* Monitoring Tools: Cloud Watch.
* LVM creation, patch installation on Linux servers
* OS Patching - Kernel upgrade



**EMPLOYMENT SCAN**

**June 2016-Till date: Philips, Bangalore as Cloud Operaion Engineer (Linux & AWS).**

**Account: Philips TechOps.**

***AWS Administration:***

* Good understanding of and experience in working on Amazon Web Services (IAAS).
* Knowledge of AWS Infrastructure services
* Installation and administration of RHEL 5/6/7 with AWS EC2
* Responsible for creating and managing Auto scaling EC2 instances using VPCs, Elastic Load Balancers, and other services across multiple availability zones to build resilient, scalable.
* Have working experience in Amazon EC2 technologies- EC2 tools,VPC,S3, IAM, RDS, EBS, Auto-scaling, Cloud watch monitoring, Elastic load balancing,SNS.
* Familiarity with other AWS services such as Cloud Watch, Elastic IPs, Cloud Front,cloud trail etc
* Backing up instance images in to AMI and creating new instances through AMI
* Working with Elastic Block Store like attach EBS volumes to instances, detach volumes and expanding EBS volumes.
* Storing backup in to S3 and sending old data to Glacier
* Keep updating knowledge on AWS.
* Creating new instances in Amazon web services management console and cloning the existing instance.
* Deploying/Hosting applications on the servers.
* Perform application upgrades and maintenance in stage and production environments.
* Installing applicable Patch, Package and Third party software on servers
* Creating users, roles, policies, assigning roles and policies to users.
* Configuring and implementing basic security policies to protect the environments.
* Good knowledge on High Availability concept..
* Taking backups of Amazon Machine Images from running instances and working with snapshots of the volumes.s
* Using Data Lifecycle Manager for automate the creation and deletion of EBS snapshots based on a schedule.
* Configuring the new Amazon Machine Images to create appropriate instances.
* Managing EBS volumes and creating clones as per the application requirement.
* Managing security groups to control the access to the Instances.
* Monitor the application usage and setup auto scaling options
* Creating and Managing Users / Group accounts Linux environment.
* Implementing LVM with physical volume, volume group & logical volume. Online extending & reducing size of logical volumes.
* Scheduling of automatic, repetitive Jobs using commands with Cron & at.
* Implementation of Security by using ACL and Special Permissions.
* Monitoring swap memory usage and configuration of the additional swap space as per requirement.
* Working on load average, cpu utilization, memory utilization issues etc.
* Backup and Restore the server data using zip and tar.

**DevOps:**

* Worked on version control tools GIT and utilized Source code administration customer apparatuses like GitHub.
* Experience in Build Automation tools like Maven.
* Knowledge in writing Terraform Templatesand managing the infrastructure using Infrastructure as Code.
* Knowledge on Configuration Management Tool like Ansible.
* Implemented Continuous Integration and deployment using various CI Tools like JENKINS.
* Involved in running Docker containers to host the apache applications.
* Building web applications from GIT and deploying to nodes using Jenkins.
* Installing and configuring Nginx proxy , Apache Tomcat Application Servers.



**SCHOLASTICS**

* **B**.Tech. (Bachelor of Technology) – Jawaharlal Nehru Technological University in May 2016.