

# Roshan Sanju.R

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in RoshanSanju .R

## Professional Summary

Seeking challenging career as technical professional and ambience conducive to career advancement and professional growth where I can enhance my experience and utilize my skills for timely and successful project completion

## Professional Experience

04/2021 – present	<b>Technology Associate-AWS</b> <i>Locuz Enterprise Solution Ltd</i> <ul style="list-style-type: none"><li>• Managing the AWS Infra and troubleshooting in the Infra level.</li><li>• Troubleshooting Linux , windows machine, patching windows servers Rds instances</li><li>• Have worked on EC2, S3, Load Balancer, Auto Scaling Group, IAM, VPC, Subnet.</li><li>• Have Experience in launching EC2, RDS Instances.</li><li>• Provided cost optimization to the customer infra and helped them to reduce the monthly cost of their aws services.</li></ul>	India
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## Education

2017 – 2020	<b>B.Sc Computer Technology</b> <i>Sri Krishna Adithya College of arts and science</i>
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## Skills

Amazon Web Services	● ● ● ● ●	Linux	● ● ● ● ●
Git	● ● ● ● ●	Jenkins	● ● ● ● ●
Ansible	● ● ● ● ●	Docker	● ● ● ● ●
K8s	● ● ● ● ●	Terraform	● ● ● ● ●

## Amazon Web Services

- Worked on Production Server's on Amazon Cloud ( EC2, ELB, VPC, S3, Cloud Front, IAM, RDS, Route 53).
- Monitoring resources, such as Amazon DB Services, CPU Memory, EBS volumes.
- Creating snapshots and backup store in Ec2 instance
- Configuring EBS and EFS Storages on EC2 Instances.
- Configuring Web Server like Apache, Tomcat, Nginx, IIS and LAMP Servers. Setup/Managing VPC, Subnets; make the connection between different zones; Blocking suspicious ip/subnet via ACL.
- Created and configured Elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
- Experienced in creating RDS instances to serve data through servers for responding to requests. Increasing EBS backed volume storage capacity when the root volume is full using AWS EBS Volume feature.
- Created S3 Buckets in the AWS environment to store files, sometimes which required to serve static content for a web application.
- Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirements.
- Configured AWS Identity Access Management (IAM) Group and users for improved login authentication.

## Linux

- Installation and configuration of Linux (Red Hat & CentOS) Servers.
- Configuring Logical Volume Manager (LVM). Installing and Managing Packages using YUM and RPM.
- Configuring IPTables on Linux Servers.
- Installing, Configuring and Troubleshooting of Web Server (Apache & Tomcat).
- Installing, Configuring, Optimizing and troubleshooting the Apache and Nginx with PHP and MySQL .(LAMP and LEMP) Samba.
- Installing and Configuring NFS on Linux based servers. Configuring Secure File Transfer using FTP and SFTP.
- Monitoring of all server functionalities using Nagios Monitoring System.

## GIT

- Having good hands on experience in working with GIT, GITHUB.
- Used Git extensively in every project to store all kinds of code.
- Good understanding of Git stages like workspace, stage/index/buffer, local repository and central repository also cleaning git repository.
- Well versed in using Git commands like git pull, git push,
- git fetch, git clone, git add, git commit, git log, git branch, git merge, switching branches and other git commands.
- Aware of some advanced concepts like Ignoring git file.

## Docker

- Good understanding of Docker, its components and Docker workflow.
- Having good knowledge in Docker concepts like OS level virtualization and Union file system, layered file system which Docker follows.
- Having good hands on experience in pulling Docker images & creating from Docker file.
- Well experienced in working with Docker volumes and sharing volumes among containers and between container and host.
- Having good hands on experience in using all kinds of Docker instructions in Docker file.
- Experienced in creating daemonized Docker containers & port mapping in Docker.
- Having good knowledge in setting up the Docker registry server to push images to Docker hub.

## Ansible

- Well-aware of Installation and Configuration of Ansible.
- Having good knowledge in dealing with inventory file and host patterns, Idempotency concepts, modules, and writing Playbooks, experienced in YAML.
- Good understanding of Ansible Roles by including all sections inside Ansible playbook.

## Certificates

**Aws Certified Solution Architect Associate**

Validation Number : *DYXoHo1J1EB4I23J*

## Declaration

I, hereby declare that all the information and particulars furnished above are true to the best of my knowledge

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**Roshan Sanju R**