

# M SREEDHAR

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## **PROFILE SUMMARY:**

Professional with over 3.9 years of experience in handling systems and network across various Projects with expertise in various tools and technologies.

Currently designated as Senior Dev/Operation Engineer with VIMO SOFTWARE DEVOLPMENTS PVT LTD. Seeking a challenging position to utilize creativity and expertise to translate business needs into technical Solutions.

With my Future focus on DevOps methodologies and wanting to be a **DevOps** Engineer I have had an opportunity in implementing and Enhancing CI & CD pipeline for faster, reliable software delivery using tools and technologies like AWS, Jenkins and GIT.

## **EDUCATION:**

Bachelor of Technology in Electronics and Communications Engineering from **SKTRMCE 2014, Telangana.**

## **TECHNICAL SKILLS:**

<b>Monitoring</b>	: Nagios, Splunk, Dynatrace
<b>Operating Systems</b>	: Linux, Windows, Centos, Ubuntu
<b>Databases</b>	: MySQL
<b>Scripting</b>	: Shell Script
<b>Cloud</b>	: AWS EC2, ELB, RDS, EBS, Auto-Scaling, S3
<b>Version Controlling</b>	: GIT
<b>Continuous Integration tool</b>	: Jenkins
<b>Configuration Management</b>	: Ansible
<b>Containerization</b>	: Docker
<b>Web Servers And Servlet Container</b>	: Apache, Apache Tomcat
<b>Ticketing Tool</b>	: Service Now , Jira
<b>Other Tolls</b>	: HA Proxy

## **PROJECT1:**

**VIMO SOFTWARE DEVOLPMENTS PVT LTD.**

July-2019 to Till Date

### **Senior Dev/Operation Engineer**

**Domain** : Telecommunications

**Role** : Senior Dev/Operation Engineer

**Environment** : Linux Admin, Nagios, Ansible, Git, Jenkins, Freeswitch.

### **Roles&Responsibilities:**

- *Docker orchestration and components deployment.*
- *Configuration management with Ansible.*
- *Infrastructure monitoring with Nagios.*
- *TINC and Openvpn vpn configuration.*
- *Worked on IPSEC configuration.*
- *Worked on mysql master-master/ master-slave replication setup.*
- *Penetration testing with kali linux on new servers to secure networks.*
- *Worked on MariaDB, CouchDB, MongoDB and Etcd Cluster configuration.*
- *Freeswitch Installation And Configuration.*
- *upgradation and maintenance.*

## **PROJECT 2 :**

**Sabre Technologies Pvt Ltd**

July-2015 to November-2018.

### **System Engineer**

**Domain** : Travel

**Role** : System Engineer

**Environment** : Linux Admin, AWS, Shell Script.

### **Roles&Responsibilities:**

- Installation and Configuration of Red hat Linux and Ubuntu Servers
- Managing Servers and Applications inventories
- Writing nagios plugins in bash for monitoring the server and application's service health checks and metrics
- Working on Tickets raised by GNOC and other engineering teams
- Communicating and Collaborating with Datacenters to host and managing the servers
- Working on Operating system level issues and troubleshooting
- Good exposure in handling of all kinds of auto generated and user trouble tickets from Jira.
- Configuration of Network resources, adding & configuring Virtual NIC
- Configuration of remote access utilities, providing user access control on services like telnet, ftp and ssh.
- Monitoring the Server performance using with performance monitoring tools like iostat, vmstat, netstat, sar, top and ps etc.
- Creating and configuring the swap space for servers based on requests.

- Configuring and Maintaining the Disk Quotas and ACLs (Access Control Lists) for users
- Configuring the LVM (Logical Volume Manager) and managing the volumes
- Package Management with RPM, YUM, apt-get and dpkg on Linux Servers
- Implementation & Managing of Software and Hardware RAID levels like 0, 1 and 5.
- Installation and configuration of NFS, Autofs and FTP file Servers for file sharing
- Creating and Managing the File Systems on Linux Servers
- Responsible for adding, creating new users, groups and setup home directories and appropriate access restrictions to software and directories & files using access modes
- Installing and configuring the Apache web servers and troubleshooting basic apache issues
- Hands on experience on DNS and DHCP Services
- Daemon & Process management (stopping, starting, refreshing).
- Configuring the Log rotation policies and setting up them to execute hourly/daily/weekly and monthly
- Hands on experience on setting up IPtables and Firewall rules and TCP\_Wrappers for securing the services
- Hands on experience in MySQL server and client setup.
- Working on DB backups and restoring's as per requests
- Hands on experience in DB administration like, user, database, tables and db schemas creation, deletion and modifications.
- Installation and configuration of Apache Tomcat Server and deploying the JARS/WARS into tomcat
- Knowledge of building JARS and WARS through Maven build tool
- Installation and configuration of HA Proxy Load balancer
- Installation and Configuration of Jenkins continuous Integration tool for scheduling jobs.
- Configuring the new projects, data pipeline projects and integrating Git with Jenkins
- Hands on experience with Github version controlling system and managing all new and existed production/dev/qa branches
- Knowledge of Docker containers, Docker Files and Docker images.
- Able to write scripts for system administrative repetitive tasks using bash script

#### **AWS work experience:**

- Working Experience on launching new EC2 instances through aws console and aws cli
- Creating Cloud based infrastructure required by the Software team within secure VPC (Virtual Private Cloud) within AWS.
- Create Virtual Private Cloud (VPC) and configure the VPC by modifying its IP address range, create subnets, and configure route tables, network gateways, and security settings
- Create security groups and add rules to limit traffic on the required instances
- Be responsible for infrastructure planning, scaling and monitoring process implementation
- Creating and maintaining scripts to spin up and spin down instances required for application on demand.
- Deploying, automating, maintaining and managing AWS cloud based production system, to ensure the availability, performance, scalability and security of productions systems.
- Configuring the Dashboards, Events and Alerts through Cloudwatch
- Working extensively with AWS services like EC2, S3, EBS, ELB, RDS, Autoscaling, IAM, Route53, Cloud Front, Cloud Watch,SQS,SNS and etc.,

### **Project 2 :**

**SunTechnology Integrators Pvt Ltd,**  
**System Engineer**

November-2018 to till date

**Project** : Macy's  
**Domain** : Retail departmentstore  
**Role** : System Engineer  
**Environment** : Linux, CloudAutomation, Monitoring

## **Roles&Responsibilities:**

- Experience with Splunk - Enterprise Splunk, Splunk DB Connect, Splunk configuring, implementing, and supporting Splunk Server Infrastructure across Windows, UNIX and Linux.
- Extensive knowledge of Splunk architecture and various components.
- Having experience in understanding of Splunk 5.x and 6.x product, Distributed Splunk architecture and components including search heads, indexers, forwarders.
- Expertise in Splunk enterprise architecture such as Search Heads, Indexers, Deployment server, Deployer, License Master, Heavy/Universal Forwarders.
- Expert in installing and using Splunk apps for Unix and Linux (Splunk nix).
- Used Time chart attributes such as Span, Bins, Tag, and Event Types. Created and configured management reports and dashboards.
- Experience on Data Analytics, Advanced Data Analytics, Visualization, Advanced Visualization, Dashboard Customization, and Advanced Dashboard Customization in Splunk.
- Experience on Splunk Enterprise Deployments and enable continuous integration as part of configuration using (props.conf, Transforms.conf, Input.conf&Output.conf, Deployment.conf) management.
- Experience in Create and Manage Splunk DB connects Identities, Database Connections, Database Inputs, Outputs, lookups, access controls.
- Experience on log parsing, complex Splunk searches, including external table lookups, Splunk data flow, components, features and product capability.
- Experience on Splunk query language and Monitored Database Connection Health by using Splunk DB connect health dashboards.
- On-board new applications into dynaTrace, profile configuration, agent setup, instrumentation.
- Configure all types of agents including java, .net, web server and UEM for both browser and mobile apps.
- Diagnose, troubleshoot, and resolve dynaTrace issues.
- Plan, coordinate, and implement timely upgrade to dynaTrace system.
- Build dynaTrace dashboards and reports and help teams to build their own dashboards.
- Help app teams to troubleshoot problems using dynaTrace.
- Recommend monitoring needs/changes during incident review to avoid and reduce end user impact due to application availability and performance.
- Perform analysis like memory, thread, CPU for applications to find root cause of run-time issues.
- Create custom sensors for application as needed either based on developer inputs or doing CPU sampling.
- Configure measures and business transactions to create more meaning full dashboards and reports.
- Plan, coordinate, and implement security measures to protect data collected by dynaTrace.
- Develop new and enhance dynaTrace plugins to meet specific requirements of app teams.
- Automated the dynaTrace upgrade, agent installation and configuration.
- Keep up to date with the dynaTrace changes and actively participate in community discussions to improve tool knowledge.