Sukhdeep Singh

RHCE Certified

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Aiming towards professional enhancement in IT & Telecommunications with a Frontline organization.

Summary

- Total of 9 years of experience in Linux administrator, Open stack, cloud computing, Virtualization, Project Implementation, Design Solution, Linux System Administration and Configuration Management.
- Full life cycle experience involving solutions, deployment, testing, and Application support.
- Working as Sr. System Engineer in **Telecom software & application domain**.
- Good knowledge in Open stack components(Neutron, Nova, Cinder, Horizon, Glance), Automation (Python and shell script), docker container and kubernetes.
- Excellent team member with good analytical skills, deployment, testing, trouble-shooting and debugging capabilities.
- Hands-on development experience in latest areas of client/server and good communications.

CAREER OVERVIEW

Organisation	Duration	Role	Client	Project
Sterlite Technologies Limited	March 2016 to till date	Sr. System Engineer	Cisco, Mavenir, Ericsson, Nokia,IBM	Vodafone, BSNL,Airtel
NR Switch N Radio services Pvt. Ltd	August 2015 – Mar 2016	VAS Engineer	Ericsson India Pvt. Ltd	Uninor
HTIS	July 2012 – July 2015	VAS Engineer	Ericsson India Pvt. Ltd	Uninor
Red chilli communication Pvt. Ltd	Mar 2012 – June 2012	VAS Engineer	Ericsson India Pvt. Ltd	Uninor
Evolve technologies & services pvt. Ltd	Dec 2011 – Mar 2012	VAS Engineer	Huawei Telecommunications	Uninor
AVION SYSTEMS PVT. LTD	March 2011 – Dec 2011	VAS Engineer	Huawei Telecommunications	Uninor
I2i telesource	June 2010 – March 2011	VAS Engineer	Huawei Telecommunications	Uninor

ACADEMIA

Course / Degree	Institute
MBA in IT	Punjabi University, Patiala
BCA	Punjab Technical University, Jalandhar
Three Year Diploma in Computer Engg.	Government Polytechnic College Mohali

Technical Skills

- Operating Systems : RHEL/CentOS 5.x/6.x/7, Ubuntu/Fedora
- Storage : LVM, SCSI, Ext 3, Ext 4, NAS (NFS,SAMBA,RAID 0/1/5) and SAN(FiberChannel)
- Hardware : DELL(Power Edge), HP,Cisco,IBM Blade Centre
- Languages : Bash scripting, Python, XML, HTML, CSS
- Networking : TCP/IP,NFS,DNS,DHCP,LAN,FTP/TFTP,SSH,SFTP
- Tools : Apache HTTP/Tomcat, Redhat Cluster
- Databases : MySql, Oracle , XE, mariaDB , Postgres
- Cloud Computing : Openstack, VMWare, Containers(Docker)
- Application Servers : Tomcat
- Tools : Nagios,Motadata
- Virtualization : VMWare and KVM

Certification & Training

- Red hat certified system administrator (RHEL 7) Certification ID : 180-048-795
- Red hat openstack v10 , Ansible ,Docker container , Kubernetes

ORGANISATIONAL EXPERIENCE

Organisation	Duration	Role	Client	Project
Sterlite Technologies Limited	March 2016 to till date	Sr. System Engineer	Cisco, Mavenir, Ericsson, Nokia,IBM	IPLMS (Vodafone, BSNL,Airtel)

Key   Responsibilities

- **Installation and configuration** of RHEL6 & 7 servers.Creating LVM, SWAP & RAID partitions and storage and data migration.
- **Deploying** redhat openstack Cloud, VM's and STL-Products (CGF,CGNAT) on client sites. Policies configuration, DB level configuration, scripts. OS Hardening. Docker containers configration. Implementing Monitoring tool (Garfana, Motadata).
- Provisioning and optimizing of compute, network, and storage services with Openstack through dashboard, command-line.
- Experience in Openstack administrator creation, managing and troubleshooting : users, roles, services, images , network subnet, instance, creating and managing cinder volumes, snapshots . Experience of deployment on bare-metal and Virtual machines. Making QCOW2 images and docker container images. Creating VM, snapshot, template.
- **Automation** of client reports, KPI's using UNIX shell scripting or in Python. Automation of centralization monitoring tasks, Disk & memory utilization, server health checkup, DATA validation & reconciliation and setting thresholds for auto alarms. Automation of data backups, tables & schema backups & purging data as per SLA.
- Making **SQL queries** for automation of monitoring, creation & dropping of table space, report validations from DB level using SQL queries and implementing in shell scripts. Making DB SQL queries for table synchronization, DB links creation/deletion, importing & exporting of Tables. Making scripts in python and shell scripts as per requirement.
- Kernel **upgradation**, Creating and maintaining YUM, NFS,HTTP, DHCP, DNS, Servers & Client configuration. Configuration of Mail server, Network teaming, rsyslog on both server and client side. Making templates in rsyslog.
- Configuration of Web Server using Apache application server (Name based and IP based web hosting). Implement required level of **SELINUX security** and Server hardening. Creating and maintaining User Administration. Implementing basic & special ACL permissions.
- Taking calls with clients for planning of new requirements/solutions.

PREVIOUS ORGANISATIONAL   EXPERIENCE

Organisation	Duration	Role	Client	Project
NR Switch N Radio services Pvt. Ltd	August 2015 – Mar 2016	VAS Engineer	Ericsson India Pvt. Ltd	Uninor (IN,CGF,DND)
HTIS	July 2012 – July 2015	VAS Engineer		
Red chilli communication Pvt. Ltd	Mar 2012 – June 2012	VAS Engineer		

Key   Responsibilities

- Providing support to client when any abnormality/alarm observed.
- Handling customer queries like wrong Voice, SMS and GPRS charging.
- Automation of Linux server health check-up, KPI's , reports, Disk & memory utilization using UNIX shell scripting. Backups, tables & schema backups & purging of data as per SLA. Making SQL queries for table space creation, dropping and monitoring. Making queries for DB report validations, table synchronization and importing & exporting of tables.
- Implementing the processes and SLA as per agreed with the customers.
- Preparing and executing MOP during maintainace window.

PREVIOUS ORGANISATIONAL   EXPERIENCE

Organisation	Duration	Role	Client	Project
Evolve technologies & services pvt. Ltd	Dec 2011 – Mar 2012	VAS Engineer	Huawei Telecommunications	Uninor (Dynamic discount planning)
AVION SYSTEMS PVT. LTD	March 2011 – Dec 2011	VAS Engineer		
I2i telesource	June 2010 – March 2011	VAS Engineer		

Key   Responsibilities

- ✓ Operation, maintenance and monitoring of various Application, Servers, Process, Alarm, Database, Servers.
- ✓ Production L1 Database support
- ✓ Carrying out daily checklist tasks including client's reporting.
- ✓ Making SQL queries, troubleshooting SP's.
- ✓ Preparing and Executing of MOP during maintenance windows.
- ✓ Analyzing logs and debugging error for any issues.
- ✓ Scheduling inbuilt shell scripts. Strict adherence to the laid down SLA.

Notice period: 60 Days

Present Address: Sector 15 Part 2 , Gurugram

Passport Status: Yes (No. **N5386905**)

DOB: 12-01-1991