Name: Amol Shankar Lohakare

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Career Objective:

To secure a position offering responsibility Challenges and personnel growth. A position where my talents can be effectively utilized to improve operations and contribute to company's goals.

Professional Summary:

- IT Professional of 2.1 years of experience as Linux Support Systems Engineer in 2 years of relevant on Linux platform.
- Worked as Linux & Network Support Engineer in a team of 50 members. Performed RHEL Linux system administration tasks like installation/configuration of software components and services, Monitoring and managing processes.
- Have a good understanding of Client and Server Administration.
- Have an overview of Amazon Web Services (AWS), Launched a virtual server using Amazon EC2 LINUX instances.
- Aws basic knowledge o f S3 Bucket, I AM, EC 2,CLOUD WATCH, CLOUD TRAIL, AUTO SCALLING GROUP,LOAD BLANCER BASIC

Linux Administration Skills:

- **Installation, Configuration, and Troubleshooting of OS's RHEL, Ubuntu, CentOS, Fedora, Windows**
- **User Administration**
- **Understanding Linux File System**
- **Symlinks & Hardlinks**
- **Good understanding of Archiving & Compression [tar,zip]**
- **File Permission [creation,Modification,Deletion]**
- **Secure socket and host [SSH] and Telnet**
- **Troubleshooting of system booting level error (Maintenance Mode or Kernel Panic)**
- **Linux Schedulers (CRON, ANACRON and AT)**
- **Disk and Quota Management**
- **Software and Packages installation using YUM,& RPM**
- **Knowledge on Kick start, Virtualization and Perl scripting**
- **Exaperiance with dns/dhcp**
- **Tcp/ip configuration with client server**
- **Open ldap configure**

- **TCP/IP Configuration of Clients and Servers: IPs, Gateways, Name servers, Netmasks, Hostnames, Domain names etc. for individual machines**
- **Kernel Management, Kernel Patching, Kernel Tuning**
- **Installation & Configuration of MySQL Database (MARIADB)**
- **FSTAB**
- **Logical Volume Management (LVM) [Creating,reducing,extending]**
- **Network Info Service (NIS)**
- **SAMBA**
- **Swap partition**
- **APACHE**
- **FIREWALL / IPTABLES**
- **File transfer using NFS**
- **iSCSI**
- **File transfer using Ftp**
- **Knowledge of booting process**
- **Configured os harding linux system of security**

Technical Skills:

- **Configuration**: VLANs, Access List, Router and Switches Configuration and troubleshooting, Basic Configuration of Switch, VLAN setup.
- **Monitoring Tools**: Task Manager, Zabbix, Nagios
- **Operating Systems**: Linux Enterprise, Windows XP, Windows 7(Ultimate/Professional/Enterprise) , Windows 10

Professional Experience:

- Currently working as a Linux Support Systems Engineer (Dec2021 – Till date).

Project Summary:

➢ Work for **Nexuslinit solutions**

➢ **Role:** Linux Support Systems Engineer

Responsibilities:
- **Check process that are consuming more resources than expected using (Tools:- top, sar, free -m).**
- **Monitoring CPU utilization for critical process like "JAVA", "httpd", "mysqld" using (Tools:- top, sar, free -m).**
- **Taking system backup to the remote server using "rsync" tools compressing backup with tar (with gzip, bzip2).**
- **Installing patch for the system using yum and periodically check for update.**

- **Monitoring network traffic which are accessing server using tools like tcpdump and wireshark.**
- **Configuring firewalld/iptables adding rues for incoming traffic.**
- **Writing shell script [bash] to automate task such as transfer logs, taking backup.**
- **Ensure network connectivity through out company's LAN and also WAN using tools such as ping, traceroute, ip, netstat arp.**
- **Administrators, servers, laptops, printers, desktops and other devices and troubleshoot the problems.**
- **Changing as assign custom permissions using setfacl, chmod, etc.**
- **Configuring IP addresses to the interface using ifconfig and sometime static IP by editing ifcfg-eth file.**
- **Mounting and unmounting partition as per the requirement using mount and umount commands.**
- **Clearing cache and buffer after approaching application team using echo 3 > /proc/sys/vm/drop_cache**
- **Stop unwanted services on a server using kill command [protecting server].**
- **Creating a user/deleting/set permission using useradd, userdel, setfacl, creating group and adding member using chgrp, usermod, groupdel etc.**

Educational Qualifications:

Bsc	k.b.p collage vashi	Mumbai univercity	50	2015
12TH	k.b.p collage vashi	Maharastra state board	53	2010
10th	Arud vidyalaya Mhalsakore	Maharastra state board	77	2008

Personal Skills:
- Self-confidence perception and determination is my asset in order to defy critical situations.
- Being an optimist I can eradicate problems without pressure.
- High team spirit and capabilities to take individual care.
- Quest to learn new things and hard worker.
- Zeal to accept new challenges

Personal Information:
- **Date of Birth : 29/10/1993**
- **Languages Known: English , Hindi , Marathi**
- **Hobbies: Watching Movies, Listening music, Reading novels, Travelling**.
- **Nationality : Indian**
- **Maritial status : single**

Declaration:
I hereby declare that the information furnished above is true to the best of my knowledge.

Date:-
Place:- Navi Mumbai