

Muhammad Saeed

Linux Engineer

SUMMARY

A skilled Linux professional with close to **6+ years** of practical expertise in the development, design, setup, and maintenance of systems in both physical and virtual settings. Possessing a diverse professional background in the IT sector, with hands-on involvement in various Linux distributions and cutting-edge technologies such as Amazon Web Services, VMware, Ansible configuration management, Docker, and other DevOps tools. Working collaboratively in a team setting and achieving organizational objectives as defined by senior leadership while adeptly handling demanding responsibilities and Delivered Solutions for Business growth and optimization.

EDUCATION

University of Punjab | Lahore Pakistan

COMPUTER SCIENCE, BACHELOR

2009-2014

Adapted technological approach by studying history of Computers and infrastructure, Secured reputable knowledge in order to maximize the understanding of professional Environment of information Technology.

EXPERIENCE

Morgan Stanley | New York NY

LINUX INFRASTRUCTURE ENGINEER

MAY 2020-MAY 2023

- ✓ Installation/configuration of Red hat 4/5/6 using kickstart Server and Solaris 9/10 using Jumpstart.
- ✓ Performing Post Build activities like Setting up Backup interface/ NIC bonding/ Loading additional Packages/ Joining the server to Active Directory, etc.
- ✓ Performed hardware, operating system, security, and application updates/patches on these systems as well as operating system hardening based on industry standards.
- ✓ Developed Cron jobs and Shell Scripts for automating administration tasks like file system management, process management, Server reboots, etc.
- ✓ Installation, Maintenance, Administration, and troubleshooting of Red Hat Enterprise Linux 6/7/8
- ✓ Performed automated installations of the Operating System using Kickstart for Red Hat Enterprise Linux.

CONTACT ME

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SOFT SKILLS

- Collaborative
- Leadership
- Self motivated
- Time management
- Continuous learning

TECHNICAL SKILLS



- Provisioning & Configuring RHEL Distributions (RHEL6,7,8,CENTOS, UBUNTU)
- Server Management RAID, ILO, IDRAC, VMWARE, P2V, V2V
- Patching, Decommissioning Troubleshooting of Linux Machines
- User/Group Management (IDM, ACTIVE DIRECTORY,)
- OS and Kernel Tuning
- Storage management (GDISK, FDISK, LVM, EXT3, EXT4)

EXPERIENCE

- ✓ Utilized Git for version controlling system to clone,add,commit and push from local to remote repositories nad master branches to central repositories.
- ✓ Employed Docker to create lightweight containers that offer process isloation bia high-level API.
- ✓ Depolyed Ansible for orchestration , configuration.
- ✓ Created playbooks via using Ansible roles and used handlers,tags to install and patch applications.
- ✓ Conducted Routine health checks on baremetal and virtual machines.
- ✓ Communicated with hardware vendors for best performance of servers.
- ✓ Utilized AWS services for new instances and managed AMI,Users,Groups,Load balancing,Storage Solutions,Routing traffic,Billing.
- ✓ Routinely performed Monitoring by utilizing FSCK,GRPCK,NMCLI,
- ✓ Developed High availability and Disaster recovery,Back up.
- ✓ Created,extended,reduced LVM for users.
- ✓ Troubleshooting of Network,Memory,Cpu,File Systems.
- ✓ Provided 24/7 on-call support every week.
- ✓ Provide Tier III/other Unix support per request. Investigate and troubleshoot engineers' environment issues.
- ✓ Collaborated with different IT teams for Knowledge sharing and ticketing prioirty.
- ✓ Migrated systems from on-prems to virtual by utilizing Vmotion.
- ✓ Participated in several Environment such as Dev,Prod,QA and Beta.

NBC Universal | Stamford CT

LINUX SYSTEM ENGINEER

DEC 2017-APR 2020

- ✓ Installation, configuration, Upgradation, Migration & maintenance of the Linux and UNIX Operating Systems.
- ✓ Provide support that can resolve incidents tickets and change requests with RHEL5/6/7.
- ✓ Install and configure RHEL on HP DL385-DL585 servers
- ✓ Perform software installation, upgrades/patches, troubleshooting, and maintenance on remote LINUX servers for the corporate office.
- ✓ Provide Tier I,II Linux support per request. Investigate and troubleshoot engineers' environment issues.
- ✓ Migrate systems from RHEL 6 and VMware environment to RHEL 7
- ✓ Configured and Administered Apache, VSFTPD services, MYSQL and Tomcat.

TECHNICAL SKILLS

- Protocols Executions for Networking,security,File Transfers (OSI MODELS, FSCK,FTP,TFTP,DHCP,STATIC IP,SSH,FIREWALL,SELINUX,TCP/UDP ,WIRESHARK,DNS,SMTP,PXE KICK START,SCP,NFS,PING,SAN/NAS, SUBNETTING,TOP,IOSTAT,STRACE, ACL,SAMBA,SSL,TLS,KERBEROS, NETSTAT,TAR,VMSTAT,RESTORE, NMAP,KEYGEN,HTTP,HTTPS,LOAD BALANCING,NSLOOKUP)
- Aws , Linode Cloud services (EC2,IAM,EBS,S3,EFS,ELB,AUTO SCALING,CLOUD WATCH,AMI,DNS)
- Monitoring (NAGIOS)
- Disaster Revovery (Veeam Backup and Replication console)
- Management Tools (SERVICE NOW,JIRA,CONFLUENCE,TWIKI,)
- Containerization and Devops tools (DOCKER,JENKINS,)
- Version controlling and Knoledge sharing (Git,Twiki)
- Orchestration (Ansible,Ansible Tower)
- Continous Learning (Python,Kubernetes,Qualys,Prism a Cloud,PCI DSS For cyber security and payment Security)
- Communication Tools (Internal conferencing,Outlook,Teams,Skype ,zoom,Gchat,google meet)



EXPERIENCE

- ✓ Excellent understanding and hands-on expertise in creating new Custom resources in Linux kernel
- ✓ Installing RedHat Linux using Kickstart and applying security policies for hardening the server based on the company policies.
- ✓ Creating Hardware Raids and LVMs and administering them in RedHat Linux.
- ✓ Diagnosed and resolved Networks and DNS issues using Trace route, Netstat, Wireshark, Tcp Dump, Ns lookup and Dig.
- ✓ Installation, configuration, Upgradation, Migration & maintenance of the Linux and UNIX Operating Systems.
- ✓ Provide support that can resolve incidents tickets and change requests with RHEL5/6/7.
- ✓ Install and configure RHEL on HP DL385-DL585 servers
- ✓ Perform software installation, upgrades/patches, troubleshooting, and maintenance on remote LINUX servers for the corporate office.
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UPS | Mahwah NJ

JR LINUX ADMINISTRATOR

NOV 2016-OCT 2017

- ✓ Managed Packages via RPM and YUM utilities including installations , updating and maintenance.
- ✓ Provided physical assistance for network , server , and IT related assignments.
- ✓ Configured NFS in server access and resolved associated issues through troubleshooting techniques.
- ✓ Executed system administration tasks such as data back up with Rsync.
- ✓ Precisely Diagnosed ,detect, resolve and document technical techniques for end-users.
- ✓ Collaborated with different teams and Environments for incident management, knowledge sharing by using Internal WIKI pages regarding to SLA's and other best practices used to address tickets promptly.
- ✓ Fundamentally applied techniques related to DHCP,DNS,IP ADDRESSING and subnetting for wireless,Lan.
- ✓ Resolved Tickets and incidents as the earliest with instructions received from Team lead and Senior management.
- ✓ Managed several projects regarding to data center expansion, high availability, disaster recovery and virtual computing.
- ✓ Maintained and monitored user accounts, file security, permissions, passwords and provided special privileges to selected users based upon Change requests.