**CAREER PROFILE**

**EMAIL:** fazalrehman1152@gmail.com CONTACT#:

**FAZAL UR REHMAN**

With over 6 years of experience, working as Linux Engineer, specialised in handling and maintaining Linux systems. Solid expertise in VMware, virtualization and cloud technologies where ensure reliability, efficiency, and security of Linux servers and related infrastructure. Experience in Application deployment, System development, Configuration, and Management in both physical and Virtual settings. Working expertise with Scripting languages like bash, Automation technologies like Ansible, Ansible tower, Version control tools like Git, Git lab and very much familiar with Docker containers and Performed duties related to Networking, Storage, User management, File management, Troubleshooting, and other Linux administration tasks.

**CORE SKILLS**

* **OPERATING SYSTEMS:** RedHat Enterprise Linux, CentOS, Ubuntu
* **AUTOMATION TOOLS**: Bash Scripting, Ansible, Ansible Tower,
* **SOURCE CODE MANAGEMENT**: Git, Gitlab,
* **CLOUD (AWS)**: EC2, ELB, EBS, IAM, VPC, S3, Glacier, AMI, Cloud Watch
* **CONTAINERIZATION PLATFORMS**: Docker, Kubernetes
* **DISK MANAGEMENT**: RAID, LVM, NFS, SAN, NAS, ext3, ext4, and xfs
* **VIRTUALIZATION**: VMware, Vcenter, ESXI, vSphere, Vmotion
* , Clone, template, snapshot
* **TROUBLESHOOTING**: Top, Free, Ping, tcpdump, SSH, netstat, traceroute, SAR, vmstat, Iostat
* **NEWORKING & PROTOCOL**: DNS, DHCP, FTP, VSFTPD, HTTP, Apache, PXE-Boot, Kickstart, TCP/IP, UDP NTP, SSH, and telnet
* **HARDWARE TROUBLESHOOTING**: Rack & Stack Servers, Configured ILO, IDRAC
* **TICKETING TOOLS**: BMC Remedy, Service Now
* **MONITORING TOOLS**: Nagios, Zabbix

**EXPERIENCE HISTORY**

**LINUX ENGINEER - 04/2021 - Present**

**CitiBank, New York, NY**

* Performed the installation, configuration, and management of virtual machines in VMware.
* Performed administration, monitoring and maintenance of Linux/Red hat servers including managing their configuration, patching and decommissioning.
* Experience in installing, handling, and troubleshooting various network-related services, such as DNS, SAMBA, Apache, LDAP, HTTPD, and VSFTP.
* Conducting performance tuning, executing necessary hardware/firmware upgrades, and optimizing resources as needed.
* Experience with installing and configuring Ansible and automated the infrastructure with ansible playbook and roles.
* Making necessary changes in existing playbooks, creating own playbooks using handlers, tags, registers and vault.
* Taking advantage of Ansible Ad-hoc command to perform day to day tasks quickly.
* Updating and upgrading package and patching servers using Ansible Playbooks.
* Responsible to the setup and maintaining Virtual Private Clouds (VPC) and managed users and groups using Identify and Access Management (IAM).
* Spinning up of AWS EC2 instances and creating S3 buckets.
* Responsible for the configuration and maintenance of CloudWatch on AWS for monitoring and implementing ELB with Auto-scaling purpose.
* Experience in branching, tagging, and maintaining the versions across the environments using version control tools like GIT Hub and GIT lab.
* Configured and maintained Docker container and managed the registry for pulling and pushing the docker images.
* Utilized Kubernetes to perform tasks such as automatic scaling of resources, load balancing, and self-healing of failed containers.
* Configuring and managing RAID levels 0, 1, 5, 6, and 10 based on client need and specifications.
* Working with Active Directory with Open LDAP for user and group management, as well as authentication and authorization.
* Using Service Now ticketing system to manage and resolve the issues that are reported.

**SYSTEM ADMINISTRATOR - 10/2018 - 03/2021**

**Verizon Media, Basking Ridge, NJ**

* Responsible for the management RED Hat Enterprise servers/workstation on VMware ESXI.
* Responsible for applying patches to the available infrastructure using yum/rpm.
* Managed system hardening on Linux environments.
* Enhanced the security of the network by closing ports and changing the default configuration in their configuration files.
* Resolved issues with virtual machines using the command line interface.
* Experience with creating and extending logical volumes with LVM for Linux based operating systems.
* Performed troubleshooting with commands top, Free, Ping, tcpdump, netstat, traceroute, vmstat, Iostat.
* Configured ILO/IDRAC consoles for performing remote troubleshooting.
* Used all Basic Linux commands like ifconfig, nslookup, dig, nmap, tcpdump. Ping etc.
* Resolved Issues related to user authentications
* Address and resolve issues related to networking, NFS, SAMBA, SSH, FTP, DHCP, DNS, NTP.
* Installed, configured and troubleshoot issues with Tomcat or Apache.
* To optimize the network bandwidth NIC teaming was configured and managed.
* Reduced servers’ downtime during non-standards working hours to support production.
* Provided support for LAN/WAN connectivity, switches, routers, firewalls.
* Nagios was used to diagnose issues with systems performance, provide recommendation to optimize the stability or performed root cause analysis.
* Developed and maintained PXE/ Kickstart Boot servers to simplify system deployment and provisioning.
* Performed monitoring and troubleshooting for CPU, Memory, Disk and Swap space for obtaining optimal performance.
* Experience with disk management such as performing partitioning using Gdisk or Fdisk, creating ext3, ext4, or xfs file systems.
* Took acre of creation and administration of user accounts, permissions and privileges.

**LINUX OPERATOR – 03/2017 - 09/2018**

**Xaxis, NYC, NY**

* Configure hardware and peripherals, services, settings and profiles.
* Experience of with bare metal and virtual Linux based environment.
* Created reports and maintained appropriate records.
* Performed call screening and handling as necessary.
* Troubleshoot SSH related issues.
* Responsible for monitoring servers’ access and reviewing logs.
* Assist in developing and maintaining support procedures.
* Kept check of process status, processes running at background or forefront.
* Performed multiple data backups on a weekly basis.
* Prioritized numerous requests running simultaneously and escalated issues as needed.

**EDUCATIONS HISTORY**

Bachelors | COMCAST University, Abbottabad, Pakistan | 2015