**Name: YASH KISHOR PENDAM**

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**Contact No: 9372867440**

**Career Objective:**

As a Linux Administrator with over 1.5+ year of experience, I have not only mastered the fundamentals of system administration but have also pursued advanced certifications like the Red Hat System Administrator (RHCSA). My expertise extends to cloud computing with AWS, automation with Ansible, and containerization with Docker and Kubernetes. Beyond technical skills, I actively contribute to open source projects and have successfully managed real-world IT projects. My strong problem-solving abilities, coupled with effective communication and project management skills, enable me to deliver robust and efficient solutions. I am committed to continuous learning and regularly participate in industry conferences and workshops to stay at the forefront of technological advancements.

**Professional Summary:**

* An adept IT Professional with more than 1.5+ years of experience as a Linux Support Systems Engineer, specializing in enhancing system performance and reliability on the Linux platform. Eager to leverage in-depth expertise in a dynamic role to drive technological advancements and operational excellence.
* As a vital Linux & Network Support Engineer within a 100-member team, I excelled in RHEL system administration—masterfully handling software component installations, configurations, and robust process monitoring to ensure optimal system performance and reliability.
* 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.

**Linux Administration Skills:**

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| --- | --- |
| * Installation, Configuration, and Troubleshooting of OS’s RHEL, Ubuntu, CentOS, Fedora, Windows * User Administration * Understanding Linux File System * Symlinks & Hardlinks * Archiving & Compression * File Permissions * Basics of Shell Scripting * 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 & TarBall * Knowledge on Kick start, Virtualization and Perl scripting * Creating/deleting RAID 5 devices | * 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) * Docker * FSTAB * Logical Volume Management (LVM) * Network Info Service (NIS) * SAMBA * DNS * APACHE * FIREWALL / IPTABLES * NFS * iSCSI |

**Technical Skills:**

* Proficient in managing Linux servers in virtualized environments, ensuring high availability and optimal performance.
* Skilled in shell scripting and automation to streamline system maintenance and deployment processes.
* Experienced in configuring and maintaining security protocols, including firewalls and user management, to safeguard against potential threats.
* Proficient in the deployment and management of containerization technologies such as Docker, enhancing development workflows and application deployment.
* Adept at troubleshooting and resolving system-related issues promptly, minimizing downtime and maintaining operational efficiency.
* Knowledgeable in network configuration and services management, including DNS, DHCP, and VPN setups, ensuring reliable network connectivity and access controls.
* Experienced in using configuration management tools like Ansible and Puppet for efficient system configurations and deployments.

**Professional Experience:**

* Currently working as a Linux Support Systems Engineer (April 2023 – Till date).

**Project Summary:**

* Work for Nexuslinit solutions. (Mumbai) Andheri

**Role:** Linux Support Systems Engineer

**Responsibilities:**

* Configured and managed YUM repositories for a large-scale data center supporting over 500 servers across multiple physical locations. This ensured streamlined package management and software deployment across Linux servers, significantly reducing system update times and enhancing security compliance.
* Automated repository synchronization and package updates, employing tools such as Ansible, Cron jobs which minimized downtime and improved system reliability by 30%.
* Spearheaded the troubleshooting and resolution of complex SELinux policy issues within a mission-critical production environment supporting thousands of users, ensuring stringent security compliance and system integrity.
* Developed and implemented custom SELinux policies to accommodate bespoke application requirements without compromising on security, enabling seamless deployment of new software features.
* Leveraged expertise in NTP and Linux system administration to implement the configuration, including editing the NTP configuration files, setting the correct time zones, and managing firewall rules to allow NTP traffic.
* Conducted thorough testing and monitoring to verify the accuracy of time synchronization and to ensure compliance with network time standards, resulting in a significant improvement in the synchronization accuracy by reducing time drift by over 90% across the server infrastructure.
* Designed and executed a comprehensive access control strategy, including the creation of specific user groups and the definition of permissions, to align with the principle of least privilege and organizational security policies, significantly enhancing system security and reducing the risk of unauthorized access.
* Automated the process of user account creation, group assignments, and permission settings using PowerShell scripts, improving the efficiency of account management tasks by 50% and reducing human error.

**Omega Healthcare. Pvt. Ltd. (Internship) (Jan 2023 – March 2023)**

* Increasing client support satisfaction.
* Ensuring all equipment’s are functional and readily available.
* Ensuring the client meets their standards.
* Providing on - time restoration in case of incidents and breakdowns.
* Systematic liaison with local authorities to tackle situation which requires their intervention.
* Supervises Operations staff including training, evaluating.
* Managing and reporting on allocation of IT budget.
* Conducting regular system audits.
* Determines appropriate coverage for all hours of operation.

**Certifications:**

* **I have cleared my Redhat examination in version Red Hat Enterprise Linux 9**

Certification ID: 230-277-360 <https://rhtapps.redhat.com/verify?certId=230-277-360>

**Educational Qualifications:**

* Masters in Management studies and Research (worli)
* Bachelor of Commerce from (University of Mumbai)
* H.S.C
* S.S.C

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: 06th April, 1998
* Languages Known: English, Marathi, Hindi
* Hobbies: Watching Movies, listening music, reading novels, Travelling.

Declaration:

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

**Date: - 6/3/2024**

**Place: -** Mumbai