

RUPESH CHAUDHARI

Mumbai, Maharashtra

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Summary

With over 7.7 years of experience as a Linux Administrator, I have successfully led system migrations, enhanced cybersecurity, and used automation to improve operations. I excel at optimizing server performance, solving complex technical problems, and providing innovative solutions that support business goals. My proactive approach, strong problem-solving skills, and dedication to continuous improvement make me a valuable asset to any team looking for expertise in Linux administration and more.

Experience

Sr Software Engineer

Tech Mahindra • Mumbai

04/2023 - Present

- **Role: Sr. Software Engineer**
- **Migration Projects:** Led migrations from RHEL 7 to 8 and RHEL 8 to 9, ensuring minimal downtime and efficiency. Developed detailed migration plans with risk assessments, testing protocols, and rollback procedures. Worked with cross functional teams to execute migrations, troubleshoot issues, and provide support.
- **Automation and Configuration:** Created and maintained Ansible playbooks to automate routine tasks, reducing manual effort and improving efficiency. Implemented Ansible roles and modules to standardize configurations across multiple environments. Developed custom shell scripts to automate server hardening, ensuring consistency and reducing manual effort.
- **Security and Compliance:** Conducted regular security audits and vulnerability assessments to identify and fix potential security risks. Worked with cross functional teams to create and enforce security policies and procedures. Provided training and documentation on security best practices and the use of automated hardening scripts.
- **Patching Operations:** Managed patching operations using BMC tools to ensure timely and efficient software updates across diverse IT environments.

Senior Linux Consultant

Clover Infotech Pvt. Ltd. • Mumbai

02/2021 - 03/2023

- **Role: Senior Linux Consultant**
- **Support and Monitoring:** Use the Remedy ticketing tool and provide 24/7 support for production systems. Monitor CPU and memory utilization, taking necessary actions as needed.
- **OS Migration and Patching:** Migrate systems from RHEL 7 to RHEL 8. Perform kernel patching and apply security patches on servers.
- **OS Hardening:** Implemented OS hardening strategies to enhance system security, including disabling unused services and configuring secure file permissions. Automated security configuration checks using tools like Ansible or shell scripts.
- **VAPT Closure:** Analyzed VAPT reports to identify vulnerabilities and prioritized remediation based on risk assessment. Applied patches, system updates, and security fixes to address identified vulnerabilities.
- **AIX Servers:** Work as a Level 1 (L1) admin on AIX servers.

Unix Admin

IMSI Staffing Pvt. Ltd. (A TeamLease Company) • Mumbai

12/2018 - 02/2021

- **Role: Unix Admin**
- **Daily Activities:** Provide user support and handle system administration tasks.

Software and Performance: Install and configure application software. Monitor and fine-tune server performance.

- **Collaboration:** Work with developers to answer technical questions and resolve server performance issues.
- **Server Management:** Manage different servers including Production, UAT (User Acceptance Testing), DR (Disaster Recovery), and Pre-production.
- **Coordination:** Coordinate with Red Hat for server failover solutions and provide necessary SOS reports.
- **LVM Management:** Configured and managed LVM to optimize disk storage and scalability in Linux environments. Performed basic tasks such as creating, resizing, and removing logical volumes to meet application storage requirements.
- **User & Group Management:** Managed user accounts, groups, and permissions in Linux environments to ensure secure and organized access control.
- **Bonding and Teaming Configuration:** Configured network interface bonding/teaming to enhance network redundancy and throughput. Implemented modes such as active-backup (failover) and LACP (802.3ad) for high availability and performance.
- **NFS Administration:** Configured and managed NFS servers and clients to facilitate secure and efficient file sharing across systems. Implemented access control using export options and firewall rules to ensure secure data sharing.

Linux Admin

Zack IT Solutions Pvt Ltd • Pune

11/2017 - 12/2018

- **Role: Linux Admin**
- **managing ticketing tools and Data Center:** Administered and optimized ticketing tools such as BMC Remedy for efficient incident and request management. Trained team members on effective use of ticketing tools and best practices for issue tracking. Monitored environmental factors (temperature, humidity, power) and implemented failover mechanisms for high availability. Coordinated with vendors and service providers for maintenance and troubleshooting of data center equipment.
- **System Maintenance:** Upgrade kernels and apply security patches to over 70 servers every quarter. Create virtual machines (VMs) using ESXi server.
- **VMware Administration:** Handle basic tasks related to VMware administration.
- **DR Drill Activity:** Coordinated with cross-functional teams to ensure seamless execution of DR drills with minimal business impact.
- **GRUB Configuration:** Implemented password protection in GRUB to secure bootloader access.

Trainee System Admin

Admaxim India Pvt Ltd • Pune

05/2017 - 10/2017

- **Role: Trainee System Admin**
- **AWS Cloud Tasks:** Create and manage instances on AWS. Work with AWS services like EC2, CloudWatch, Amazon S3, Virtual Private Cloud (VPC), Amazon EBS, and IAM.
- **Monitoring:** Use monitoring tools like Nagios and Zabbix. Set up monitoring for all production and development servers. Troubleshoot server-related issues.
- **Automation:** Automate daily tasks using shell scripts.
- **Agent Installation and Configuration:** Installed and configured ds_agent, Splunk & OEM on Linux/AIX servers. Automated agent deployment and configuration using tools like Ansible and shell script.

Skills

AWS, REDHAT Linux, NAGIOS, Ansible, Docker, Shell Script, Kubernetes, ansible, Openshift

Certificates

RHCSA, RHCE, Openshift v4.12

Education

M.TECH

Government College of Engineering
12/2016

CGPA: 7.26

B.E.

North Maharashtra University
12/2013

Percentage: 61.73

HSC

Nashik Board
12/2008

Percentage: 53.83

SSC

Nashik Board
12/2006

Percentage: 66.93

PERSONAL DATA

- **NAME:** Rupesh Dilip Chaudhari
 - **DOB:** 10th Jan. 1991
 - **Language Known:** English,Marathi,Hindi
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