# MUHAMMED JASIM.K
## SYSTEM ENGINEER

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**Red Hat Certified System Administrator**

## PROFILE SUMMARY

Experienced System Engineer with 4.8 years of hands-on experience in Windows, Linux, and website administration. Currently working at Worksent, with proven expertise in managing Linux and Windows environments, optimizing system performance, and providing technical support across diverse platforms. Additionally, experienced with AWS and Azure cloud platforms, having completed relevant courses to strengthen cloud knowledge.

## TECHNICAL  KNOWLEDGE

| | | | |
|---|---|---|---|
| Red Hat Linux | Windows Server | Cloud flare | Azure |
| Active Directory | Group policy | AWS | Microsoft Office 365 |

## EXPERIENCE  SUMMARY

**System Engineer**
Worksent Pvt Ltd
Kochi, March 2025 – Present

- Perform Linux server troubleshooting for issues related to services, disk space, performance, boot failures, and file system errors.
- Execute monthly Linux management, including system updates, kernel updates, reboots, and post-patch verification.
- Responsible for platform implementation, configuration, and troubleshooting of large-scale infrastructure.
- Manage incidents and service request using Halo PSA., ensuring proper documentation, client communication, and resolution summaries.
- Manage and monitor backup operations using Veeam, Backup Radar, Datto SaaS, Acronics, and NAS backups.
- Verify backup reports and logs, rerun failed jobs, and coordinate with internal teams when required.
- Monitor servers and infrastructure using PRTG, identify outages or performance issues.
- Manage website administration tasks, including SSL certificate purchase and renewal using Comodo.
- Host and manage multiple websites, including ongoing maintenance and support.
- Manage website domains, including domain purchase and timely renewals across various registrars.
- Update DNS records using cloud flare, including modifications, troubleshooting and validation.

**System Engineer**
Thomson Reuters
Bengaluru, June 2024 – December 2024

- Leading the decommissioning of the Eagan Data Center (DC), including decommissioning of physical and virtual servers, such as Linux, Windows, HPE, Dell PowerEdge, and ESX servers.
- Responsible for platform implementation, configuration, and troubleshooting of large-scale infrastructure.
- Provide ongoing support for Red Hat Linux and Windows Server environments across multiple departments.
- Ensure security, performance optimization, and manage the Active Directory, Group Policies, DNS, and DHCP.
- Create and maintain Shell and PowerShell scripts for system automation and optimization.
- Collect Server information related to Software/Storage/Network that need to be reclaimed.
- Participate in 24x7 system support, ensuring uptime and quick resolutions to critical system issues.
- Reclaimed IP addresses, switch ports, DNS, storage, and databases like Oracle and MS SQL as part of the decommissioning process.
- Deleted RAID configurations in physical servers and managed the deletion of virtual machines (VMs) for virtual servers.

**Linux Administrator**

Aureus

April 2021 – June 2024

- Installed, configured, and maintained Red Hat Enterprise Linux (RHEL) systems in production and non-production environments.
- Managed file systems, disk partitions, and swap space to ensure optimal system performance and stability.
- Performed user and group administration, including account creation, modification, deletion, and enforcement of password policies.
- Handled software installation, package management, and system patching using RPM and YUM.
- Configured and managed file and directory permissions, including ACLs, Sticky Bit, and special permissions.
- Administered secure remote access using SSH, including access control and key-based authentication.
- Executed backup and restoration operations using tools such as tar and gzip.
- Scheduled and monitored recurring and one-time jobs using CRON and AT.
- Created and managed storage using Logical Volume Management (LVM).
- Set up and maintained YUM repositories for centralized package management.

## SKILL SUMMARY

- Experience in multiple Linux distribution including Red Hat, CentOS, Ubuntu and SUSE Linux.
- Demonstrated proficiency in managing and maintaining Linux system including Red Hat Enterprise Linux (RHEL) versions 7,8, and 9.
- Hands-on experience in system patching, kernel updates, reboots, and post-patch validation in production environments.
- Expertise in Windows system installation, configuration, administration, troubleshooting and performance planning.
- Creating Volume groups, logical volumes and extending them using LVM.
- Experience in server operating systems like windows server 2016,2019 and 2022.
- Proficiency in Microsoft Windows Server Administration, Active Directory Management, and Group policy implementation.
- Familiarity with various server roles and features such as DHCP server, DNS server, ADDS, Remote Desktop service and others, depending on organizational needs.
- Good knowledge of networking concepts, protocols and technologies such as TCP/IP, DNS, DHCP, SMTP, NTP, SSH, UDP and FTP/SFTP.
- Skilled in backup administration and recovery using Veeam, Backup Radar, Daatto SaaS, Acronis and NAS-based Backup solutions.
- In-depth knowledge of Linux networking, including configuring network interfaces, firewalls, and DNS resolution.
- Familiarity with range of virtualization platforms including VMware vSphere and Microsoft Hyper-V.
- Hands-on experience with website hosting, domain and SSL renewals, website migration and DNS record updates using Cloud flare.
- Strong understanding of Linux security, including SSH hardening, access control, user management, permissions, ACL, and LVM storage management.
- Solid understanding of storage technologies, RAID configurations and SAN/NAS solutions.
- Excellent problem solving, analytical and logical thinking skills.
- Good leadership skills and has the ability to guide and provide technical direction and supervision for a given project.

## CERTIFICATIONS

**Red Hat Certified System Administrator (RHCSA)**

## EDUCATION

**Bachelor degree**

university of Calicut. Kerala - India

## INTRESTS

Football    |    Music    | T r a v e l i n g