**ASHISH SHARMA** [**Email-ID-erashish.121@gmail.com**](mailto:Email-ID-erashish.121@gmail.com)

**Contact No.-+91-9650032933**

**Summary**: System Integration Engineer.

* Trained System Administrator with +10.5 yrs. of experience in implementing data center for Telecom Domains using state of the Art technologies from Devops, Linux, Administration of cloud management Storage and Server hypervisor and, Redhat, . Effective communicator and a good team player, willing to learn and 24\*7 flexible .Ability to grasp quickly and acquire expertise in a variety of technology..

**Academic Qualification Profile:**

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| Qualification | University |
| B. E. (Computer Science & Engineering) 2007) | University of Rajasthan , Jaipur. |

Professional Summary

OPENSHIFT

* Good understanding of cloud concepts (private,public,hybrid) along with cloud services (IAAS,PAAS,SAAS).
* Good understanding on containerization and container orchestration using Docker and Kubernetes.
* Good understating of Master components (API/Authentication, etcd datastore, schedular, replication controller) , infra nodes, compute nodes.
* Experienced in creating projects using Openshift GUI & CLI
* Experienced in applying Resource Quota and Limits to projects.
* Experienced in creating users by using htpasswd command and assigning policies to users.
* Good understanding of SDN that allows communication between pods from different nodes.
* Experienced in creating services for load balancing and exposing services so that it can be accessible from outside world using routes.

* Experienced in creating applications using oc new-app command by all three methods including docker image ,template file, and S2I method.
* Experienced in scaling up or down applications manually.
* Basic understanding of persistent volume and persistent volume claim concepts.
* Experienced in configuring and installing metrics components (Heapster, hawkular, cassandra).
* Basic understanding of Logging EFK stack (Elastic Search,fluentd, kibana).
* Supported scheduling/unscheduling master along with stopping and starting master, node and docker services during patching activity from linux team.
* Supported scheduling/unscheduling master along with stopping and starting master, node and docker services during AWS instance upgrade activity.
* Draining of pods during linux patching and AWS instance upgrade.
* Troubleshooting related to compute issues (Space issues, memory issues).

DOCKER

* Basic understanding of Docker components including Docker Registry, Docker images and containers, Docker compose.
* Hands on experience in docker commands.
* Hands on experience in extracting and listing docker images from archives.
* Hands on experience in tagging docker images.
* Hands on experience in pulling and pushing of docker images.

JENKINS

* Experienced in installing and configuring Jenkins.
* Hands on experience in configuring global security.
* Hands on experience in addition/deletion of users and assigning roles to users.
* Hands on experience in executing build in UAT and LIVE environment according to the instructions of developers and share console output result to developers.
* Basic understanding of creating Jenkins jobs and CI/CD pipelines.

AWS

* Understanding of AWS services under Compute domain including (EC2,Lambda,Elastic Beanstalk, Elastic Load Balancer, Autoscaling).
* Understanding of AWS services under Storage Domain including (S3,Cloudfront,Elastic Block storage, glacier, storage gateway).
* Understanding of AWS services under Database domain including (RDS, Aurora, DynamoDB, Elastic cache, Redshift).
* Understanding of AWS services under Networking domain including (VPC, Direct Connect, Route 53).
* Understanding of AWS services under Management domain including (CloudWatch, Cloud Formation, Cloudtrail, CLI, Opsworks, Trusted Advisor).

Linux Administration Tasks

* Configuring Linux servers as per the client requirement and releasing to production.
* Monitoring system configuration to ensure data integrity.
* Managing users & groups (setting permissions and policies).
* HP-OVO agent installation on Linux servers and monitoring server’s performances.
* Managing the job scheduling by using crontab.
* Configuring & managing the RPM’s through YUM in Redhat.
* Maintaining server security, backup, and restoration measures for unplanned outages or other OS/Application level issues.
* Configuration of disaster recovery on Linux servers. Configured Rear on all Suse servers which is well knows third party disaster recovery software for Linux servers.
* Preparation of Installation Qualification and Operational Qualification (IQ/OQ) documents.
* Evaluate and install new software releases, system upgrades, and patches
* Resolve hardware and software-related problems, as well as perform system backup and recovery
* Handle the tasks of maintaining data files and monitoring system configuration to ensure data integrity
* Working in ITIL based environment which includes Incident managemant, problem management & Change Management.
* Maintained existing programs/scripts and extended Linux system functionality as needed using Logical Volume Manager (LVM) .
* Plan and execute Linux system changes and upgrades.
* Installed and configured all the Linux servers in the network on the demand of the clients
* Conducting root cause analysis for escalated issue & proving a resolution based on the case study.
* Performed routine checks on the Linux servers of the firm.
* Maintained necessary back-up of the important files and documented Linux scripts for future references
* Researched the market to gain information on the latest updates available and recommended the same to the clients
* Tested the latest software and installed them later on the server for the users.
* Ensuring regular cleanup of the server & Application related alerts handling based on monitoring alerts received on HP-OVO monitoring console.
* Troubleshooting system issues(memory, slow performance, high file system usage, CPU, OVO issues)
* User and Group Management (setting permissions and policies).
* User access problem related to Linux.
* Red hat Satellite server configuration.
* Registering the servers to satellite server and patch then to new kernel version (redhat 5 and 6).
* Managing space issues through LVM
* Migration of servers from one DC to another DC and performing QA on all the server before handing over to live operations.
* Installation of monitoring tools and SOE tools on all Linux servers.
* control M migration on Linux servers.
* Handling day to day operational issues and requests along with coordinating with hardware vendors.
* Managing clients registered to satellite server
* Registering clients with satellite server Working as Linux resource for this project and handling issues related to Linux for this project.
* File System Administration ( LVM ), creating file system on disks.
* Server hardening
* Performance tuning.
* Patching and patch management.
* Yum Server & Client configuration.
* Handling day to day operational issues and requests along with coordinating with hardware vendors
* Handling Tumbleweed application which is used for file sharing between partners and client.

**PROFESSIONAL EXPERIENCE:-**

* Working as an Asociate Consultant in HCL Technologies Ltd from Nov 2014 – till date.
* Worked as a System Engineer in Wipro infotech from Nov 2011 – Oct 2014
* Worked as a IT Engineer in Indus Towes (Payroll-Mafoi,Team Lease) from Jan 2009 – Nov 2011.

**Skills**

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Administration of Redhat Linux.

Administration of Redhat Openshift container platform



Devops Tools Docker and ansible,Jenkins

Cloud infrastructure on AWS and GCP.

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### Personal Details:

Father’s Name **:** Brahm dev Sharma

Nationality **:** Indian

Marital Status **:** Married

Address **:**  P.no.16, Ganesh Nagar (kishore nagar**)**

**Murlipura , Jaipur**