**SUNIL KUMAR SINGH**

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**OBJECTIVE**

I am seeking a position where I can use my technical skills, troubleshooting capabilities, and analytical talents to make the work environment more efficient and productive. Moreover, where I can enhance my skills and potentials to the optimum level and utilize them for the individual as well as for development of the organization.

**WORK EXPERIENCE**

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| --- | --- | --- |
| **Organization** | **Designation** | **Duration** |
| 1. NTT DATA Services 2. HCL TECH. | Linux/Unix System analyst  Sr Specialist | SEPT. 2014 to Feb 2019  FEB 2019 to Present |

**SUMMARY OF EXPERIENCE**

* 5.5+ years of IT Industry Experience in IT Infrastructure, System Management, Configuration, Implementation, and Troubleshooting in Linux based environment.
* Creating and decommissioning servers in AWS, Azure, Openstack and VMware and maintaining them when live.
* Creating S3 buckets in AWS for data management.
* Providing the cloud infrastructure to clients depending on their requirement
* Worked on OpenStack Deployment.
* Knowledge and experience of configuration management tool [Ansible].
* Working experience of Step by step Instance Creation in OpenStack
* Troubleshooting on RHEL 5, 6 and 7
* Installing Patches, upgrade Firmware, Monitoring and troubleshooting Linux Servers
* Disk and File system Management.
* Working with LVM & NFS.
* Troubleshooting Hardware System issues and their replacements.
* Configuring network interfaces.
* Monitoring system Performance of Virtual memory, Managing Swap space, Disk utilization and CPU utilization and performance.
* Installations of different Agents and software on Linux servers.
* Setup AD authentication for servers using SSSD .
* Physical and virtual server build.
* Used Configuration management tools like Ansible .
* Knowledge of user management and LVM in AIX servers.

**TECHNICAL SKILLS**

* ***Operating* *systems*:** Redhat Linux (RHEL 5, 6,7), Cent OS.
* ***Services and applications:*** Cron, SFTP, FTP, NTP, HTTP/HTTPS, SSSD etc.
* ***Server Platforms:*** Dell PowerEdge M620/M820.
* ***Storage Solution and tools:*** LVM, ASM, NFS, SAMBA,ANSIBLE
* ***Languages & other Tools:*** C, C++ , Shell Scripting , Ansible
* ***Virtualization:*** Build new VM Guest using Golden image,Modifying VM Guest on request for adding storage, increasing/decreasing Memory, CPU & VLAN change etc. VMWare Tool installation and update.
* ***Cloud :*** OpenStack[Deployment],AWS

**ACADEMIC HIGHLIGHTS**

* PG-DITISS from CDAC,Bangalore(2014)
* B.E in Computer Science from RGTU (2013), Bhopal, Madhya Pradesh.
* Passed class XII from CBSE(2008)
* Passed class X from CBSE(2006)

**TECHNICAL CERTIFICATIONS/TRAININGS**

* ITIL foundation(Incident / Request/ Problem / Change Management) training in OCT. 2014
* 45-Days Training of Redhat Linux 6 Administration(RHCE Level) from LINUX SOLUTION.

**JOB PROFILE**

Professional Experience:

Organization : HCL Technologies, Noida

Designation : Sr. Specialist

Period : Feb 2019– Present

Client: KDP

Organization : NTT Data Services, Noida

Designation : System Admin Analyst

Period : September 2014 – Feb 2019

Client: CoreLogic , GBT, Tenet, Novelis

Environment : Data Centre located at Quincy, Washington (USA) and at Plano (DR location) consisting of 2000+ UNIX Servers which include DELL Poweredge Servers running RHEL/SUSE Linux, [IBM Power Systems](https://en.wikipedia.org/wiki/IBM_Power_Systems) running AIX 6.1 and Sun Sparc Enterprise M-series and T-Series servers and VM servers hosted on VMware vCenter.

Roles & Responsibilities:

* Taking Ownership of the incidents and resolving them within Service Level Agreement ( SLA)
* Troubleshooting all operational issues, perform changes for Production and Non-production environments
* Automating routine tasks using Shell Scripting
* Quarterly ROOT password update on 2000+ servers
* User management, providing server access and sudo privileges on Linux and AIX servers.
* Creating and decommissioning servers in AWS using AMIs, Azure and VMware and maintaining them when live.
* Creating S3 buckets in AWS for data management using aws cli.
* Using Cloudwatch and cloudtrail services for monitoring the activities on servers.
* Creating load balancers.
* Take and manage snapshots of EBS volumes and RDS in AWS using console and aws cli.
* Maintaining users (IAM Roles, MFA), subscriptions in Azure & AWS.
* Worked on discovering new LUN assigned to Physical servers on Linux Host to create new volume or extend existing one.
* Configured ASM disk using udev rules on RHEL 6 and 7, these disk are used by oracle database.
* Configured RAID 10 on M620/820 Dell Server Using iDRAC Storage option. This Logical Volume was to be used for Oracle.
* Deploying new VM using template, Installing and configuring Physical server as per production need
* Migration of Standalone Network Link to high available link using Bonding (Active-Active mode).
* Performed OS Patching using Redhat Satellite server on RHEL5,6 & 7. This involve pre-patching task and post patching checks on VM Guest and Physical servers.
* Upgrade of Firmware for Physical servers (M620/M820/R630/HP-Prolient Series serves). This include BIOS, LCC, and iDRAC and HBA card firmware.
* Worked on Moving Volume group from one server to other as per required of Business.
* Involved in pre-patching and post-patching activities that are part of bug fixes and quarterly patching
* Storage Migration of Linux Physical servers using multipath
* Working on Vulnerability Remediation Requests.
* Installing/upgrading Netbackup clients, VMware tools and other software.
* Co-ordination with the Team, client and customer for the case updates.
* Co-ordination with the Data center technician/Field Engg and follow up for the closure updates.
* Configure new printer Q and modify existing on RHEL Server.
* Working on security audit requests.
* Preparing list of all tickets with their aging details by pulling from OPAS Remedy tool.
* Documenting processes, troubleshooting information, problems and their resolutions and shares those on SharePoint site.
* Opening Vendor tickets and following up for closure.

**AWARDS**

* Dell awarded me with ‘on the spot’ award in October 2015,May 2016, and in Jan 2017
* HCL awarded me with consistent performer in June 2019.

**PERSONAL PROFILE**

* Father’s Name : Mr. G Singh
* Date of Birth : 01-09-1991
* Language Known : Hindi & English (Read, Write & Speak)

**DECLARATION**

I hereby declare that the above written particulars are true to best of my knowledge and belief.

**Sunil Kumar Singh**

Date:

Place: Delhi