Chandrakant Prasad  

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Noida, India

**Experience Summary:**

* An experienced (**AWS and GCP**) Cloud systems admin specialist advisor at NTTDATA Services with solid background as unix/linux infrastructure Consultant, offering more than 12 years of relevant experience (16 Years Total experience) in diverse technology and managing complex environments.
* Experience on Virtualization, containerization (**Docker + Kubernetes**) with strong background on data center technologies (Linux/UNIX, VMware, Administration, Implementation, Application support, Capacity planning, Network operations and Security).
* Experience and knowledge on Docker and Kubernetes on **AWS (EKS)/GCP(GKE)** and Managing couple of Microservices.
* AWS Services like, EC2 instances, VPC, ELB, Subnets, S3 buckets with policies (IAM), RDS, Lambda, Cloud Formation etc.
* GCP Services like, Compute instance, Cloud storage, cloud SQL, Deployment manager, GCP Console, gcloud/gsutil, Big Query cli tools.
* Configuration management using Ansible for mass deployment of Services, package installation and up-gradation and configuration changes.
* Experience with Linux script-based automation and Built-in tools (**Sed, AWK, Bash, Expect, Python, YAML, JSON** etc.)
* Day to Day Unix / Linux issues and escalations.
* Experience in Data center build and migration.
* Experience and Managing High Availability Clusters (Veritas clusters + Radhat Clusters).
* Familiarity with core OS services such as: SSH, telnet, FTP, NFS, DNS, DHCP, NAT, Samba, LDAP, Security, OS Internals concepts.
* Understanding of Virtualization concepts and virtual system administration etc VMware vSphere, ESXi Hosts.
* Good understanding of standard networking protocol and security concerns (SSL, VPN, VPC).
* Debugging and troubleshooting skills using tools such as strace, traceroute tcpdump, Wireshark, gdb.
* Monitoring of the application, network, hardware using SolarWinds and resolve issue for smooth operation.
* Knowledge of ELK stack (Elasticsearch) for infrastructure log monitoring and analysis.
* Exposure to DevOps SLDC and open source tools such as: **Git, CI/CD Jenkins, Nginx, HAProxy, Apache, Tomcat, Puppet, Salt, Nagios and ELKStack, data lakes, data warehousing and AZURE Cloud administration.**
* Understanding on MySQL basics.
* Fundamental knowledge of CI/CD Jenkins and with DevOps ways of working and culture.
* Understanding of load balancing ad familiarity with relevant tools such NGINX.
* Adhere to security standards HIPAA compliance.
* An efficient communicator, combining sound coordination, interpersonal, mentoring & problem-solving skills with analytical & leadership capabilities to enhance overall performance.

**Projects:**

* Data centre build and migration.
* Disaster recovery.
* SAN Migration.
* Data center build on Public (AWS) cloud.
* Migration (Solaris to Linux).
* Veritas NetBackup implementation.
* MySQL upgrade project.
* Index Application upgrade.
* Hardware decommissioning/Termination project.
* Study verification.

**Work Experience**:

**May ‘2016 till Date**

**NTTDATA Services - (*Formerly known as Dell International services*)**

Role – Systems admin specialist advisor.

**Key Responsibilities**

* Working as Linux/Cloud specialist advisor with NTTDATA Services (L3 level) for Suse/Redhat linux systems, VMWARE, Docker/Container, Apache, Tomcat, MySQL and Healthcare Index application support.
* Works on day to day escalated issues/tickets from L2 Team. Part of the ICS team responsible to maintain 99.99% SLA of the Universal Cloud Application.
* Works on Capacity planning and space/file system issue on servers/sites.
* Works on OS related issue like file system inconsistency, server hung, esxi host freeze.
* Managing UCA Healthcare Index application on Dockers/Container platform.
* Installation and up gradation of UCA application on VM and physical server.
* Managing VMware ESXi hosts and as well as VM machine running UCA applications.
* Tools and technologies used- Suse/Redhat /VMWARE VM machines, Docker/Container, Apache, Tomcat web servers (IMG), MySQL.

**July ‘2011 till May ’2016**

**AON Corporation**

Role –IND Administrator (UNIX/Linux)

**Key Responsibilities**

* Worked as Unix Designer part of Unix Project Delivery team mainly responsible for consultation and implementation of new Unix infrastructure worked closely with Solution Architects and Infrastructure designers to understand the requirements, check the feasibility and deliver the Unix infrastructure according to Solution design.
* Implementation, troubleshooting and administration of Red hat Linux 5/6, suse 11\* on HP Blades G7,8,9, Cisco UCS, AWS EC2, System zlinux, VM and Hadoop cluster.
* Managing Hadoop cluster through Cloudera management Console.
* Worked on different projects, like Hardware refreshment, LSBRO & SAN, NAS migration projects and Data center build.
* Patching on Solaris server with (Live upgrade) and on Red hat Linux and Suse through ZLM and Big fix tools.

**March ‘2008 till July ’2011**

**Tech Mahindra Limited**

Role – Technical Associate (Unix/Linux) for **AT&T,** USA

**Key Responsibilities**

* Part of AT&T Project UNIX System Hosting Team to provide Tier 3 Support for around 4500+ Sun Solaris (ver.8/9/10) Entry level/Mid-Range/High End Servers. Also administrating the servers under VERITAS Volume Manager/VERITAS Cluster environment and Sun Clusters.
* Maintenance and monitoring of alerts on BMC ticketing system, worked on Change management, Problem management and Worked as Shift lead/Team lead.

**July ‘2005 till Feb ’2008**

**CMC Limited (A TATA Enterprise)**

Role – IT Engineer (Unix/Linux/Windows/Network) for **NTPC Unchahar, (India).**

**Key Responsibilities**

* Systems Administration, Configuration, maintenance on Windows servers and network.
* Troubleshooting of Sun H/W & S/W related problems.
* Installation, Configuration of database and application on servers like Oracle 9i, Apache, tomcat, Web logic, and day to day administrative tasks and backup of data on tape library.

 **Sept ‘2003 till June ’2005**

**PCS Technology**

Role –Customer support engineer (Network/Windows) for **NTPC Shaktinagar, (India).**

**Key Responsibilities**

* Administration, Installation, configuration of variety of windows OS systems including daily backups, user accounts/permissions maintenance,
* Network troubleshooting, virus immunization strategies, file/print/terminal server and workstation.

**Academic Credentials:**

* B. Tech in Computer Science & engineering from Kanpur University, Kanpur, 2003.

**Certifications/Trainings:**

* Certified Linux administrator (SLES CLA 10).
* Certified ITIL V3.
* AWS Certified Solutions Architect – Associate
* Google Cloud Platform Fundamentals: Core Infrastructure
* Automate the Boring Stuff with Python Programming.
* Undergone inhouse RHCE 6/7, AWS, GCP and AZURE Fundamentals Training.
* Trained on DevOps and DevOps lifecycle etc. (CI/CD Jenkins, Git/GitHub, Nginx, HAProxy Load Balancer, DNS, Ansible, Puppet, Salt, Nagios , (ELK Stack & Splunk Fundamental )and AZURE Fundamentals.

**PERSONAL INFORMATION:**

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| Name | Chandrakant Prasad |
| Nationality | Indian |
| Marital Status | Married |
| Languages Known | English, Hindi, |
| Passport Number | Available |