

# SHYAMKUMAR LALBAHADUR CHAUHAN

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## CAREER OBJECTIVE

- Seeking a varied and challenging system administration position where I can use my skills, experience and adaptability to obtain a systems administration position where I am constantly challenged. My greatest strength is my ability to walk into a new environment and be functional immediately. I am quick to learn and adapt to new situations, configurations and technologies.

## AN OVERVIEW OF ROLES AND RESPONSIBILITIES

A competent professional with **10+ years** of experience in the field of UNIX/AIX and LINUX System Administration with the great ability to support the Servers with the full efficiency and dedication. Also great understanding of the issues related to the hardware and software with the profound ability to resolve the issues and problems and have proven ability to be a strong professional with the sound knowledge of the new technologies and advance applications.

- Expertise on administration of AIX 5.3 , AIX 6.1 , AIX 7.1 and AIX 7.2 OS running on IBM Power systems P740 , P780, P710 , P610 , P595, P550 and P510 .
- Expertise on AIX OS Upgrade from AIX 5.3 -> AIX 6.1 -> AIX 7.1 -> AIX 7.2
- Expertise on configuring Shared CPU Pools on the Managed systems.
- Expertise on LPAR Profile setup and configuring hardware devices to the client LPARS.
- Expertise on setting up standard VIO Servers and managing VIO Clients.
- Expertise on Hardware Management and Datacenter Management.
- Expertise on OS and software installation on AIX LPARS .
- Expertise on Performance Monitoring and Tuning of AIX LPARS and WPARs.
- Expertise on Live Partition Mobility (LPM) of AIX LPARS across the managed systems.
- Expertise on TCO (Trial Capacity on Demand) for IBM Power Servers .
- Expertise on NIM Master setup and managing NIM Clients for software management.
- Expertise on Performance monitoring via NMON and LPAR2RRD tool.
- Expertise on User Management on AIX/ LINUX Servers.
- Expertise on server backups including mksysb backup.
- Expertise on Updating the Firmware of the Managed system and HMC.
- Expertise on DR solution setup for AIX LPARS.
- Expertise on System security by using sudoers and SSHD configuration .
- Expertise on GPFS setup and managing GPFS filesystems.
- Expertise on LVM and Filesystem management.
- Expertise on Setting up Mirror Pools for the Volume groups.
- Expertise on Setting up Dual VIOS and Dual HMC Infrastructure.
- Expertise on System Director SDMC Setup .
- Expertise on Oracle LINUX server management
- Expertise on LDAP setup for user authentication .

- Expertise on for IBM PureFlex setup
- Expertise on creating Virtual Machines on VMware .
- Expertise on installing RHEL ,Oracle Linux and CentOS on Virtual Machines .
- Expertise on UNIX Shell Scripting.
- Expertise on LDOM and Zone Builds and Solaris Patching using Live Upgrade Method.
- Expertise on SOLARIS 10 to SOLARIS 11 Migration
- Expertise on providing the required details to budget the datacentre planning.
- Expertise on HP Openview Monitoring tool to manage .
- Expertise on backup the servers on HPDP and EMC Networker .
- Expertise on the 3PAR Storage Array Administration
- Expertise on Nimble Storage Array Administration.
- Expertise on applying the fixes for vulnerabilities.
- Expertise on racking Dell , HP and IBM Machines in the rack.
- Expertise on SAN Switch Management.

## **KEY TECHNICAL SKILLS**

### **Operating Systems**

- AIX 5.3 . AIX 6.1 , AIX 7.1 , AIX 7.2
- Solaris 9 ,Solaris 10 and Solaris 11
- Oracle LINUX 5 & 6, RedHat LINUX 5,6 & 7, Suse LINUX 9 & 10 , CentOS 5, 6 & 7
- WINDOWS 7, WINDOWS 2000 , 2003 , NT & XP
- HP-UX 11iv3

### **HardWare**

- IBM Power Systems P740 , P780, P710 , P610 , P595, P550 and P510 , IBM PureFlex P260 & P460 ,IBM xSeries 346
- SUN Sparc server M5000,M4000, T5240,T5120,V880, V60,V240, V440 and V480.
- Dell PowerEdge R710 , R720 , R820 and R920 and HP 9000
- EMC Clariion (CX700, CX3-series) and EMC VNX 5400 , Hitachi SAN Storage , 3PAR Storage Array , Nimble Storage CS700 Array , IBM Storage DS8000 , XIV, DS5100.
- HP Data Protector 9.0 , IBM Tivoli Storage Manager6.3, EMC Networker 7.5 .
- Cisco MDS Switches (9513) , Brocade 300 SAN Switch

### **Virtulization**

- IBM VIOS 2.2.X.X and LPAR / DLPAR & WPAR
- LDOMS , Zones And VMWare ESXi 5.5 and vCenter Management

### **SYSTEM MANAGEMENT CONSOLES**

- HMC, ASMI,XSCF,SC/RSC,ILOM,ALOM, iDRAC ,System Director 6.3 , 3PAR Management Console , Nimble connection Manager , Unisphere VNX Client, XiV Storage Management

### **MONITORING & COMMUNICATION TOOLS**

- IBM Tivoli Monitoring 6.2.3 ,HP OpenView v8 , Nimble Infosight , LPAR2RRD , CFG2HTML , SolarWind , 3PAR Vision , Veeam ONE, BMC patrol
- Microsoft Exchnage 2010 , Office 365 , Lync , Skype



## **EDUCATION and QUALIFICATION**

### **ACADEMIC EDUCATION**

- Bachelor of Engineering from Parshvanath College, Mumbai University in August-2007 with 58.13 %
- 12<sup>th</sup> From Bhartiya Vidya Bhavans College , Andheri , Mumbai in May 2002 with 76.33 %
- 10<sup>th</sup> From SSSMV School, Dahisar, Mumbai in June 2000 with 83.86 %.

### **PROFESSIONAL TECHNICAL CERTIFICATES**

- 000-222 IBM Pseries Administration Certification
- 000-180 IBM AIX Enterprise Technical Expert.
- 1z0-821 and 1z0-822 Solaris 11 System Administration (OCA and OCP)
- ITIL V3 Certification.
- Nimble Storage Certification

### **PROFESSIONAL TRAININGS**

- AIX 5.3 ADMINISTRATION from IBM
- IBM SYSTEM DIRECTOR 6.3 from IBM
- ORACLE LINUX 6 ADMINISTRATION from Oracle University
- TRANSITION to SOLARIS 11 from Oracle University
- Nimble Storage Administration from Nimble University

## **Organizational Experience**

### **5.Kronos Soluations India Pvt. Ltd. ,NOIDA**

**DESIGNATION : UNIX SYSTEM ADMINISTRATOR - IV**

**DURATION : June 2015 to till date**

**Employee Code : 22452**

#### **About Company:**

Kronos is US based leading company in WorkForce management and only kronos delivers complete automation and high quality information in workfoce management.

KRONOS has their own IT Infrastucture with three major datacenters in Boston , Montreal and India (Noida) . AIX 5.3. AIX 6.1 and AIX 7.1 Operating system runs Kronos WFC Application and all the ERP and EBS and Engineering works are being done on Solaris and Linux Machines.

#### **Job Roles and Responsibility:**

- Responsible to deliver the UNIX system to developers
- Responsible for capacity planning of UNIX infrastructure
- Responsible to update the TL patch update on AIX servers
- Responsible to upgrade all the AIX servers to AIX 7.1 and AIX 7.2
- Responsible to apply the software upates.
- Responsible to Manage User accounts
- Responsible to Manage housekeeping of the filesystems
- Responsible to build new LPARS and WPARS whenever project team demands
- Responsible for capacity planning by looking at the utilization of CPU poolsResponsible for system security by setting up sudo and SSHD

- Responsible to Manage User accounts
- Responsible to Manage housekeeping of the filesystems
- Responsible to build new LPARS and WPARS whenever project team demands
- Responsible for capacity planning by looking at the utilization of CPU pools
- Responsible for system security by setting up sudo and SSHD
- Responsible for NIM Master setup and creating the installp bundles.
- Responsible to create the lpp\_source and spot on NIM Master
- Responsible for LDAP integration for users
- Responsible for creating the UNIX shell Scripts to automate the monitoring Jobs
- Responsible to do VIOS Upgrade
- Responsible to do SAN Management for all the datacentre
- Responsible to provide the data to forecast the growth of the datacentre for budget planning
- Responsible to install and administrate the LINUX Servers
- Responsible for Solaris 10 to Solaris 11 upgrade.
- Responsible to setup the DR for production and mission critical servers
- Responsible for Datacenter and Rack planning
- Responsible for failed Device replacement
- Responsible for SAN Switch Firmware upgrade
- Responsible for Firmware upgrade of SAN Controllers
- Responsible for Installing and Configuring monitoring tools on Servers
- Travelled to USA for strategy planning for datacentre activities.

#### **4.FLSmidth INDIA PVT. LTD. ,GURGAON**

**DESIGNATION : IT Specialist - UNIX**

**DURATION : June 2012 to June 2015.**

**Employee Code : 104302**

##### **About Company:**

FLSmidth supplies the minerals and cement industries globally with everything from engineering, single machines and complete processing plants, to maintenance, support services and operation of processing facilities. Our core strengths are reflected in our market-leading product range, our ability to implement, manage and maintain projects, and our unmatched operation of minerals and cement processing plants, worldwide.

FLSmidth has their own IT Infrastructure with 5 managed system P740 and P780 and which holds 90 LPARS and almost 280 WPARS. AIX 6.1 and AIX 7.1 Operating system runs Oracle 10g and Oracle 11g databases and 11i and R12 Oracle applications. We have few LINUX and solaris systems which runs legacy applications.

##### **Job Roles and Responsibility:**

- Responsible for daily checklist monitoring for CPU and Memory Performance.
- Responsible to handle the Remedy incidents and requests
- Responsible to update the TL patch update on AIX servers
- Responsible to upgrade all the AIX servers to AIX 7.1
- Responsible to apply the software updates.
- Responsible to Manage User accounts
- Responsible to Manage housekeeping of the filesystems
- Responsible to do the LPM whenever required
- Responsible to build new LPARS and WPARS whenever project team demands
- Responsible for capacity planning by looking at the utilization of CPU pools
- Responsible for system security by setting up sudo and SSHD
- Responsible for NIM Master setup and creating the installp bundles.
- Responsible to create the lpp\_source and spot on NIM Master



- Responsible to assure the mksysb backup
- Responsible for Disk management
- Responsible for GPFS server and client setup
- Responsible for LDAP integration for users
- Responsible to set the AME factor as and when required.
- Responsible for creating the UNIX shell Scripts to automate the monitoring Jobs
- Responsible for doing Zoning on Broade SAN Switches
- Responsible for creating RAID groups , binding LUNS , creating MetaLUNS , Creating Storage groups
- Responsible for configuring HBA , installing HBA drivers managing HBA software HBAnywhere
- Responsible for configuring EMC PowerPath Software for redundant path failover and recovery.
- Responsible to configure IBM PureFlex Systems
- Responsible to administrate the IBM Blade servers
- Responsible for IT Assest Management

### **3. VERTEX CUSTOMER SERVICES INDIA PVT. LTD. ,GURGAON**

**DESIGNATION : Senior Analyst - AIX**

**DURATION : March 2009 to June 2012**

#### **About Company:**

Vertex India is a leading integrated end- to end solution providers across Business Process Outsourcing, Customer Management Outsourcing and IT Services, serving host of clients across many sectors..

Vertex was providing the IT Services to the UK Client "UNITED UTILITIES" with the infrastructure of AIX, SOLARIS and LINUX.

#### **Job Roles and Responsibility:**

- Responsible for daily checklist monitoring for CPU and Memory Performance.
- Responsible to handle the CA Unicenter incidents and requests
- Responsible to update the TL patch update on AIX servers
- Responsible to upgrade all the AIX servers to AIX 5.3
- Responsible to apply the software updates.
- Responsible to Manage User accounts
- Responsible to Manage housekeeping of the filesystems
- Responsible for system security by setting up sudo and SSHD
- Responsible for NIM Master setup and creating the installp bundles.
- Responsible to create the lpp\_source and spot on NIM Master
- Responsible to assure the mksysb backup
- Responsible for Disk management
- Responsible for creating the UNIX shell Scripts to automate the monitoring Jobs
- Responsible for Solaris to AIX Migration
- Responsible to install IBM Tivoli Monitoring Tool on the server
- Responsible for scheduling Tivoli Storage Manager backup for servers
- Responsible for DR planning and setting up DR
- Responsible to Provide training to other team members for cross functionality
- Responsible for deploying pureflex system in datacentre
- Responsible to configure aletrs for Tivoli Monitoring
- Responsible to apply the fix and patch updates for all the UNIX OS
- Responsible to fix the vulnerabilities
- Responsible for the capacity planning of the Servers
- Responsible to manage the CPU pool so that we are compliant with the CPU licenses for Oracle
- Travlled to UK twice to handle two different projects of DR creation.

## **2.HCL COMENT SYSTEMS and SERVICES LTD. ,NOIDA**

**DESIGNATION** : Senior Specialist - UNIX  
**DURATION** : October 2007 to March 2009  
**Employee Code** : 40191777

### **About Company:**

HCL Technologies brings IT and engineering services expertise under one roof to solve complex business problems for its clients.

I've been working for deutsche bank client on behalf of HCL to support the UNIX infrastructure for their servers hosted across US and UK regions.

### **Job Roles and Responsibility:**

- Managing the Ticketing queue for P2, P3, and P4.
- Communicating to the US & UK Clients to resolve their problems
- Managing the user accounts and resetting their failed login and resetting their password.
- House Keeping file system sizes such as /, /usr, /var, /tmp and LVM Troubleshooting.
- Configuration management including building of LPARs
- Expertise in IBM AIX hardware components (RS/6000, pSeries), SAN, HBAs, Fiber channel trouble shooting
- Experience in monitoring and troubleshooting EMC clarion/symmetrix devices and powerpath installation
- Experience in NFS, Send mail, ftp, remote access, security management, and system troubleshooting skills.
- Experienced in installation, configuration, tuning, security, backup, recovery and upgrades of IBM AIX.
- Experience with SMIT, LVM, Mirroring, LPAR, HMC, User & System Resource management, Paging Space management, job scheduling

## **1.CMS COMPUTERS LTD. MUMBAI**

**DESIGNATION** : Associate Technical Engineer  
**DURATION** : December 2006 to September 2007  
**Employee Code** : 231709

### **About Company:**

CMS Computers Limited operates as an IT solutions & services company and is involved in technology solutions consulting and services, business system integration and services for transport system, including road traffic signals automation and intelligent transport management.

CMS was providing IT services to CRIS(Centre for Railway Information Systems) for their IBM AIX requirement.

### **Job Roles and Responsibility:**

- Proper Monitoring & Maintenance of processes & disk space on Server.
- Configuration of Network File Systems & troubleshooting problem related to different Network issues.
- Taking Backups of Database Server (Sybase), Users Home folders and other Network Shares Resources on the Server using Tar.
- Scheduling System Backups using TSM and monitoring the same for successful creation of logs.
- Checking Server for errors on different issues using logs and files created on server each day.
- Creating scripts & schedules them for different timings using crontab for different executions and problems occurring daily.
- Monitoring SAN Storage.
- Backups created and labeling as produced by date on the tape & cartridges and escalating them to the Managers.
- Quarterly Security Health Checking and Employment Verification of user ids on all the servers.
- Monthly generation of reports for all servers in terms of disk space, performance, patch application and availability.



## PERSONAL VITAE

- *Father's Name* : *Lalbahadur Chauhan*
- *Date of Birth* : *18<sup>th</sup> May 1985*
- *Sex* : *Male*
- *Marital Status* : *Married with Rachana Singh*
- *Kids* : *Five years old daughter Aditi Chauhan*
- *Nationality* : *Indian*
- *Language Known* : *Hindi & English*
- *Hobbies* : *Watching And Playing Cricket.*
- *Notice period* : *60 Days*
- *Residential Address* : *House No. I-1065 , Gali No. 29 , Hari Nagar Extn, Badarpur , New Delhi - 110044*
- *Passport Number* : *H4457128*
- *ONSITE Travel Experience* : *Travelled to UK twice for project work. And Travelled USA for Straegy planning of DR Datacenter.*
- *Valid VISA* : *B1/B2 USA VISA and Canada TRV VISA*

## REFERENCES

Antarjyami Sasmal	Senior DBA Manager	<a href="mailto:ajs-in@flsmidth.com">ajs-in@flsmidth.com</a>
Vaibhav Aggarwal	Past - Team Manager at Vertex	+91 9811934215

*I DECLARE THAT THE ABOVE INFORMATION GIVEN IS TRUE TO THE BEST OF MY KNOWLEDGE.*

**DATE: 03/05/2016**

**(SHYAMKUMAR LALBAHADUR CHAUHAN)**