**PROFESSIONAL SUMMARY:**

* 7+ years of Strong Experience in **LINUX/UNIX** Administration, Shell Scripting with expertise in Red-hat Linux 5, 6 and 6.5, Solaris 8, 9 and 10. HP-UX 11.i, Windows 2003, WebLogic 10.x.
* Experienced and knowledgeable in Amazon Web Services, and **Azure** (Cloud Computing).
* Expertise in installation, administration, patches, upgradation, Configuration, performance tuning and troubleshooting of**Solaris 8/9/10/11**, **Red Hat Linux 4.x/5.x/6.x,** **AIX (4.3/5.x/6.x/7) and HP-UX 11.x** and **Microsoft Windows NT 4.0/2000/2003** OEL 5/6 environments.
* Architected Puppet infrastructure and puppetized more than 4000 servers.
* Well experienced in writing **puppet** manifests and customized Facts.
* Installation and new server build for **Red hat Linux & AIX** Operating System. Installing AIX in Complete over write, preservation and migration modes.
* Motivated **Red Hat Linux** & **AIX disaster recovery** expert with 7 years of relevant experience in multi-site environment.
* Expertise in **Red Hat Linux** **Capacity** and **Performance Planning**.
* Managing and supporting a multi-cloud environment which includes **AWS, and Azure**
* Experience in writing basic **Shell scripts** using **bash**, for process automation of databases, applications, backup and scheduling.
* Experience in various hypervisor technologies, to include **Red hat KVM, VMWare vSphere and Microsoft HyperV**
* Installed **50+ AIX 6.1 images** on virtual clients LPARs using NIM master.
* Scripted in **Bash, Perl, and Python**, **C, C++**, **Ruby** to simplify administration tasks and for automation.
* Daily, weekly backups, running system backup using mksysb, Volume group backups with saving. Disk and volume management **Red Hat Linux** & **AIX LVM**. Replacing faulty physical volumes from rootvg or other user defined volume group.
* Expert in **Jumpstart, JET, Kick start, NIM, Ignite**Installation Methods.
* Involved in running **security scripts to implement hardening of Linux and AIX** servers to makes servers more **secure by fixing the Vulnerabilities**.
* Knowledge on **Cloud** Platform tools like **OpenStack, AWS, Rackspace, Microsoft Azure, and Google Cloud**.
* Working Knowledge on **KVM** virtualization environment.
* Experience on installing **Open Stack** through Packstack on RHEL servers.
* Implementing **Security procedures for user authentication by using LDAP, Password less login, SUDOERS** and implementing **password** **aging policies**.
* Experience in Virtualizing **RHEL and AIX** environments with **VMWARE ESX 3.5, 4.0 and vSphere 4.1 servers on Dell PowerEdge and HP Proliant Hardware.**
* Experienced in **Linux/AIX** Installation, Preservation Installation and Complete Overwrite Installation using **CDROM** and configuring **Kickstart/Jumpstart** Server
* Worked with Database administrators to tune for Oracle installations.
* **Planned, documented and supported** high availability, data replication, business persistent, fail-over, fallback Solutions using Red Hat cluster in SAN environment.
* Expertise in Installing and Managing **LDAP, NIS, NFS, DHCP, SAMBA and DNS.**
* Designed and implemented scalable, secure cloud architecture based on **Amazon Web Services**
* Experienced in **Amazon EC2** setting up instances, virtual private cloud (VPCs), and security groups.
* Expertise in **Migration**from one flavor of UNIX to another**.**

**Technical Skills**:

**Operating Systems :** AIX 5.2/5.3/6.1, Solaris 8/9/10/11, Red hat Linux 4.x/5.x/6.x, HP-UX 11.11/21/31 and Windows 2k/2k3/2k8, VMware ESX Server 4.x/5.x, Ubuntu Linux 10.04, 12.0,Cloud Platforms OpenStack, AWS, Rackspace, Google Cloud Microsoft Azure

**Hardware :** DELL PowerEdge 1650,2850,2950,6400.HP DL320,DL360,DL380,DL580, HP rp3440, rp 4440, rp5470 & rp8400, rx3600, rx 6600, Compaq ProLiant DL 385,585EMC Symmetric DMX, VMAX, Clarion , NetApp FAS 3240 & 6070, Hitachi arrays, Backup Devices, Ethernet Hubs, Routers, Repeaters, Jukebox, Printers Juniper Net screen Firewall

**Programming Languages :** C, C++, java, JavaScript, HTML, KSH, CSH, Bash, Ruby, Python and Perl programming

**Server Management :** Puppet, Chef, VxVM, Nagios, Awscloudwatch **Name Services**

**Protocols** : DHCP, NIS, DNS, TCP/IP, FTP, SMTP, IPV4, LDAP, Samba and Apache Servers

**RDBMS** : Sybase, Oracle 7.x/8.0/9i, MySQL, SQL, Amazon Web Services (AWS), Open Stack

**Storages :** Sun StorageTek Arrays, Hitachi, EMC Clarion, EMC Symmetric, EMC Connectix

**PROFESSIONAL EXPERIENCE:**

**Kaseya Corp, Henderson, NV Jan’16 – Current**

**Linux System Administrator**

**Responsibilities:**

* Installation, Administration and Maintenance of Red Hat Enterprise, CentOS on VMs and physical Servers
* Responsible for Administration, Installation, Upgrading, Migration, Configuration, Troubleshooting Security, Backup, Disaster Recovery, Performance monitoring and Fine-tuning of UNIX systems on different OS levels.
* Performed boot from SAN installs of RHEL6.x and OEL 6.x on Unified Cisco Servers (UCS) blade servers.
* Supported several Servers in Dev, QA, Staging and Production environments plus primary support to all kind of issues for **Red hat 5.x & 6.x Linux and VMware**.
* Installing and upgrading patches and packages on **RHEL 5.x, 6.2 and 6.5** servers using RPM, YUM and third party software applications
* Extensive use of **Bash** shell for scripting.
* Installation, Configuration and Administration of  VM's in**VMware ESXi 5.0,5.1**  and also patch management and troubleshooting of VMware, and ESXi Servers and migration of VMs and data storage, snapshot and templates and clones
* Working knowledge of **Active Directory**
* Implementation of business logic using **C/C++**
* Implemented **Bash, Ruby, Perl, Python**, **C, C++** Scripting.
* Experience configuring and utilizing **SAMBA, HTTP, DHCP, NFS, NTP, SMTP, VSFTP and DNS**
* Developed Cron jobs and Python Scripts for automating administration tasks like file System management, process management, Server reboots etc.
* Worked closely with Cloud teams to build and deploy VM's using **Open Stack** and
* Installation of **SSH** and Configuration of **Key-Based Authentication**.
* Experience on working with hypervisor technologies like **Red hat KVM.**
* Written multiple manifests and also customized facts for efficient management of the **puppet** clients.
* Handled the VMware solutions to support multiple storage connectivity options such as **FC-SAN,ISCSI, NFS (NAS) and internal storage**.
* Worked on **Open stack** (Havana) creating virtual machines, tenants, customizing the server based on requirements.
* Managing and supporting a multi-cloud environment which includes **AWS, GCE and Azure**
* Preparing servers for Oracle RAC installation which includes tuning the **kernel**, agent installation, adding NAS storage on 2,3 ,4 node clusters
* Writing/Modifying Manifests and applying them on the nodes using **Puppet**
* **Ldap** integration with Vmwarevcenter Single Sign On
* Building/nukeingNetapps and managing the aggregates and volumes on the Netapp Cluster
* Creating/resizing volumes, preforming volume level data copy using ndmpcopy and snap mirror

**Environment:** RHEL 5, 6, 7; Solaris 8, 10, 11; WebLogic 10, 10.3.4, 10.3.6, 12.1.3, Apache-Tomcat 7.0.68, IBM Informix, Oracle DB, VMware vSphere 5 and 6; VMware vCAC 6.0/6.2.4; my Service; Oracle E2900, T5120, T5220, T5420, T5440, V490, M3000, T4-1, T4-2, T5-1, T5-2, Dell PowerEdge R710, R720, R730, R820; Orion/SNMP; PCI/SOX, VERITAS NetBackup 6/7; VERITAS Foundation Suite 5/6, EMC Symmetric/CLARiiON

**Go Daddy, Cambridge, MA July’14 – Dec’15**

**Linux Systems Engineer**

**Responsibilities:**

* Provide onsite and remote support for **Red Hat Linux & AIX Server's**.
* Provided **24x7 on call**server support for UNIX environment including AIX, Linux, HP-UX, and Sun Solaris.
* Configured**HP ProLiant, Dell PowerEdge, R series, Cisco UCS and IBM p-series 550,570,590,595,690**machines**,** for production, staging and test environments.
* Administration/installation/upgrade and maintenance of HP ProLiant DL 585 G7 using Red Hat Enterprise Linux jumpstart, flash archives and upgrade method.
* Installed and configured **windows** workstations, servers and Active Directory.
* Experience with provisioning Linux using **Kickstart** and Red Hat Satellite server.
* Extensively used **NFS, NIS, DHCP, FTP**, Send mail, and Telnet for Linux.
* Coordinated with database administrators while setting up Oracle 10g/11g on Linux.  
  Setting up and administering DNS system in **AWS** using Route53
* Monitoring system performance, Server load and bandwidth issues using **Nagios.**
* Created **Bash, Python, Shell**, **C++** scripts to monitor System resources and system maintenance.
* Manage relationships between large collections of **AWS** machine images
* Responsible for designing the loadable path control module for in the multi path configuration.
* Performed migrations of virtual servers from Ubuntu OpenVZ physical servers to **AWS** EC2
* Installation and configuration of **LPAR's** with **AIX 5.3**, 6.1 on **p5** servers.
* Experience on working with the **Cisco** UCS environment
* Advanced knowledge and experience of File system, File permission, installation, and package management, user account management (setting user accounts, deleting users, password management etc.) **SAMBA, DHCP, NFS, NTP, VSFTP and DNS**.
* Experience in Installation, Configuration and Troubleshooting of Tivoli Storage Manager**(TSM**).
* Upgrading TSM from 5.1.x to 5.3.x.Worked on HMC Configuration and management of HMC Console which included up gradation, micro partitioning.
* Installation and troubleshooting of **IBM Director** and **Tivoli Endpoint**
* Installing & configuring Oracle Enterprise Linux for Oracle Database Server with RAID Partition.
* Coordinating with SAN team for allocation of LUN's in order to increase filesystem space.
* Configuration and administration of Fiber **card Adapter's and handling AIX part of SAN**.
* Configuration of VIO server and VIO clients from Hardware Management Console.
* Good LVM skills, used **LVM**, created VGs, LVs, and disk mirroring.
* Installation and configuration of **NIM** master server and clients.
* Implemented PLM (Partition Load Manager) on AIX 5.3. and 6.1

**Environment**: RHEL 5, 6, Ubuntu Linux LTS 10.04, 12.04, Red Hat Satellite, Citrix XenServer 6.0, VMware ESX Server 4.0, NetApp, Dell Compellent, SAN, DNS, DHCP, Logical Volume Manager, Symantec NetBackup 7.1, Tandberg Data Storage Library, Nagios, Check\_MK, HP Proliant Blades, Dell Blades, Dell 2950, R610, R710, R720, R820.

**CVS Care Mark, Irving, TX Apr’13 – Jun’14**

**UNIX/Linux Systems Engineer**

**Responsibilities:**

* Responsible for installation, troubleshooting and maintenance of **1800 Red Hat/SUSE** servers**and 1000 servers running Solaris 10/11** on x86 and SPARC.
* Designed and managed **AIX** related operation systems, SAN infrastructure along with the necessary upgrades.
* Provides overall support and maintenance of operating systems and network connectivity for all **AIX** systems.
* Expertise in establishing and documenting the procedures to ensure data integrity including system fail-over and backup/recovery in **AIX** operating system.
* AIX LPAR Virtualization installation and configuration, research, automation, and standards, for systems using HMC/VIOS (vscsi and NPIV). (AIX on large frame **P-series: p5, p6, p7)**.
* Involved in implementing **Security by implementing IP Tablesm, SSH root login disabling**, **PAM Authentication, disabling services**and ports on Linux and Solaris servers.
* Involved in documenting **Security implementing procedures** on Linux servers.
* Experience in Installed, Configuring and Maintaining **Solaris 9/10/11**.
* Experience Virtualizing Red Hat servers using **vSphere 4.1** and managed ESX servers using vCeneter and also worked with ESX Cluster and vMotion.
* Experience working in **Cloud** **infrastructure** using **Hitachi/EMC SAN** and **HP** **Blade Center** **servers**.
* Writing **Shell, Perl, Python** Scripts.
* Installed and Configured **Red Hat Linux and Solaris and booting** from **SAN**.
* Worked with **IBM X series**, **HP DL**,**BL** and **Dell Power Edge Model servers**.
* Configuring different **RAID groups** assigning different **RAID levels** in **EMC Storage**.
* Supported and managed **IBM** series servers (P5/P6/P7) using HMC version 6 and 7.
* Migrated different applications like **SAP & Databases** like **Oracle** from **HPUX** to **Linux**.
* **Implemented security methods using security hardening techniques like software patching to minimize the known vulnerabilities, OpenSSH, TectiaSSH and PKZIPc** for secure logging and transmission of data and sudosh for auditing.
* Deployed **Puppet**, **Puppet Dashboard**, and **Puppet DB** for configuration management to existing infrastructure.
* Managed **100 + UNIX servers** running **RHEL**, **HPUX** on **Oracle HP** and **Dell server** including blade centers.

**Environment:** Solaris 8, 9 and 10, RHAS 4, 5, HPUX11.31, VMware vSphere 4.0, NetApp, EMC, HP Array, SAN, SVM, LVM, VERITAS Volume Manager, VERITAS Cluster Server, Remedy, HPSA (Opsware), Nagios.

**CNA Insurance, Chicago, IL Jan’12 – Apr’13**

**Linux Administrator**

**Responsibilities:**

* Expert in **Kickstart and Jumpstart for Linux and Solaris**Installation Methods
* Worked on **SAN & NAS** devices like **EMC Clarion’s**, and **NAS** Devices like **NetApp filers**.
* Worked on NetApp**filers like FAS 3240 & 6070** running **DATA ONTAP 7.x.**
* **Implemented FTP server with Ncftp and ssh2 (Tectia SSH) keys for file secure transfer file transfers to/from the clients, which is Internet-facing. Security was implemented with HIPAA compliance.**
* Involved in **applying** **Patches, Installing patch bundles** on **Solaris, AIX** and **Red hat Linux**.
* Configured VMware and installed several Linux and Windows Operating Systems according to the client needs. Also involved in maintenance and Troubleshooting of VMware Network Monitoring Using **Nagios tool**
* Experience with Linux based **POS** systems and devices and drivers
* Upgraded Red Hat Linux servers from **5.2 to 5.4**.
* Involved In Migration from to **Red Hat Linux.**
* Deployed **patches** and **upgraded** Red Hat Linux servers and SUN servers to their latest versions.
* **System performance tuning**, **User administration** and **security**.
* Scheduling Backups, Monitoring & taking failover test of **Veritas Clustered servers**
* Installed and configured Apache ANT for automated build processing using **RPM**
* Experience in Installation and configuration of **JBOSS on Red Hat Linux servers.**
* Experienced in **Troubleshooting critical hardware** and **software issues** and **other day-to-day user trouble tickets**
* Experience in Servers consolidation and virtualization using **UML Linux, XEN** and **VMware virtual infrastructure, VMware ESX 2.x, VMware Vcenter**.
* Applying store system integration best practices to provide in store platform that meets the needs of the business, specific to **POS**

**Environment:** AIX 5.3/5.2 , SUN Solaris 10/9/8 , Win 2003/2000, HP-UX 11.i, SYMCLI, ECC 5.2, NavisecCLI, Navisphere Manager, Web tools, Brocade, Power Path,vSphere 4.1, TLS/SSL protocol suite,Hitachi/EMC SAN, HP Blade Center servers.

**Rrootshell Inc., India Sep’10 to Dec’11**

**Systems Administrator**

**Responsibilities:**

* Managed 100 + UNIX servers running **RHEL, HPUX** on Oracle HP and Dell server including blade centers.
* Installation, configuration and administration of **Red Hat Linux** servers and support for Servers
* Installation, maintenance and regular upgrades of Red Hat Linux Servers using **kick start** based network installation
* Provided 24x7 System Administration support for **Red Hat Linux 3.x, 4**.xservers and resolved trouble tickets on shift rotation basis.
* Provide the support of building the server, patching, user administration tasks, deployment, software installation, performance tuning and troubleshooting and **KVM.**
* Installation of **patches** and other software packages
* Disk and File system management through Solstice Disk Suite on **Solaris** and other **logical volume manager** for other flavor of UNIX
* Monitoring system performance, tune-up **kernel** parameter, adding /removing /administering hosts, users, disks on **DNS / NIS** domain
* Configuration of Hardware and Software **RAID** on Digital & Sun Servers
* Administrative tasks such as System Startup/shutdown, Backup strategy, Printing, Documentation, User Management, Security, Network management, dumb terminals and devices carried out.
* Installation and configuration of **Oracle 7.x/8.x**
* Implemented **NFS, DNS and NIS under SUN**
* Performed the administration of the Domain Name Server and configuration of the **Database Files**
* Wrote bash shell scripts for getting information about various Linux servers
* Installed and Configured Send mail Utility on **Sun UNIX** Servers.

**Environment**: Red Hat Linux 4.1, 4.2, 4.3, 4.4, Sun Fire, SunStorEdge L280, Sun StorEdge A1000, A5000, JBODs Compaq servers, Solstice Disk Suite, Oracle 7.x/8.x.

**ICICI BANK, India Nov’08 to Aug’10**

**Linux Administrator**

**Responsibilities:**

* Responsible for supporting Linux servers for production, development and testing
* Installing, Configuring and Maintaining the **DHCP, DNS, NFS, NIS**, send mail server
* User Account Management, Group Account Management, configuring dumb terminals, adding modems, formatting and partitioning disks, manipulating swap, local and remote printer management, taking and restoring backup, scheduling jobs
* Performance tuning and preventive maintenance. Performed daily **backup**
* Performed addition of Swap space at run time. Performed installation and configuration of **LDAP**
* Resolving **TCP/IP** network access problems for the clients
* Implementing Remote System Monitoring with Sun Microsystems
* Performed administrative tasks such as system start-up/shutdown**, backups, Printing, Documentation**, User Management, **Security, Network management, configuration** of dumb terminals
* Troubleshooting backup and restore problems and performed day-to-day trouble shooting for the end users on Linux based servers
* Develop, Maintain, update various **scripts** for services (start, stop, restart, recycle, cron jobs) **UNIX based shell, Perl.**
* Configured and maintained **NIS, NFS** servers on Linux.
* Setting up Oracle 8 server in Linux/Unix Environment.

**ENVIRONMENT:** Linux (Red Hat Enterprise, Solaris Cent OS), Windows 2000/NT, HP, IBM, Oracle 8, SSH Gate, Cisco routers/switches.

**Education Qualification:**

* **Bachelor of Technology in Electronics and Communication Engineering, JNTU, India.**