**Rajesh Pancha  
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**Phone: 682-208-2336  
UNIX/Linux Systems Administrator**

**PROFESSIONAL SUMMARY**

* **Over 7 years** of **IT professional** experience in administration, implementation and support of **RedHat Enterprise Linux (5.x, 6.x, 7.x**), **CentOS (5.x, 6.x, 7.x), IBM AIX (4.x, 5.x, 6.x), SUSE Linux (9.x, 10.x, 11.x), Ubuntu, Solaris 8/9/10** and **Windows**.
* Extensive experience in installation, configuration, maintenance, design, administration, implementation, and support of **Solaris**, **Linux**, **AIX** and **HP**-**UX** environments.
* Expertise in configuring and deploying **patches**, **upgrades**, **bug** **fixes** on both **physical** and **virtual** **RedHat Linux** servers using **Satellite** servers.
* Experience in installation and configuration of **RHEL** 6.x/7.x and **CentOS** 6.x/7.x environment for **KVM** virtualization.
* Skilled in building server using **Jumpstart** in **Solaris**, **flash** **archive**, **NIM**, **Ignite** and **Kickstart** in **Linux**.
* Configured **RAID** level **0**, **1** and **5** on **Linux**(**RedHat**)/**UNIX**(**Solaris**) servers.
* Expertise in installation and setting up **VMware** **ESXi** and **VMware** **vCenter** **Server**/**Client** as a Hypervisor in a barebone machine.
* Highly experienced in creating and cloning **Virtual Environments** using **VMWare, Vagrant,** and **Oracle Virtual Box**.
* Experience in implementing and configuring high availability, redundancy and **RAID** in **Volume** **Groups** using **Logical** **Volume** **Manager**, **Sun** **Volume** **Manager**, **Veritas** **Volume** **Manager** **3.x**, **4.x**, **5**.
* Profound experience in creating/maintaining **user** **accounts**, **profile**, **security**, **disk** **space** and **process** **monitoring**, and supporting Linux using **ITIL** Practices.
* Strong knowledge in installing and configuring web hosting administration services like **HTTPD**, **FTP**, **SSH**, **TELNET** and **Apache** **Tomcat 7.x/8.x**.
* Proficiency in configuring **remote access** i.e **IBM IMM (Integrated Management Module)** and **SUN ILOM(Integrated Lights Out Manager)**, **security management,** and **BMC** **Remedy**.
* Experience in installation of **WebSphere** **Application** **Server**, **IBM** **HTTP**/**Apache** **Web** **Servers** in **AIX** and **Linux** environment for various projects.
* Involved in installation of **Jboss**, **Web** **Sphere** **5.1/6** **Application** **Server** on **Solaris** and **Linux**.
* Extensive knowledge of **error** **logging** **subsystem**, resolving technical issues by **diagnosing**, **problem** **determination**, **troubleshooting** and **cause** **analysis**.
* Highly experienced in server **monitoring**, **capacity** **planning**, and **application** **monitoring** with **Nagios** and used **Autosys** for scheduling, monitoring and reporting jobs.
* Experience in package management using **RPM** and **YUM** in **RedHat** **Linux**.
* Expert in developing and maintaining build scripts using **Perl**, **Shell**, **Bash**, and **Python**.
* Hands on experience in developing **automation** **scripting** in **Python**, **JavaScript**, and **Puppet**.
* Expertise in implementing **Puppet** as a configuration management tool and have created and pushed **modules** to **Puppet** **clients**.
* Highly skilled in creation of **Docker** images and linking of **Docker** containers for a secured data transfer.
* Excellent analytical, problem solving, communication and interpersonal skills.
* Team player, self-motivated, dedicated and understanding the demands of 24/7 system maintenance and have a good customer support experience.

**TECHNICAL SKILLS**

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| **Operating System** | Linux (RedHat, CentOS) 2.1/3/4/5/6 and 7, Solaris 8/ 9/10, Windows NT 4.0/2000/2003/2008, X.P, Vista, 2000, 2003, VMWare ESX/ESXi,  Ubuntu, IBM AIX, SUSE Linux |
| **Hardware** | Dell PowerEdge 19XX, 29XX, R series, HP DL series, IBM X series Sun Fire 6800/4900/3800, Sun Fire 490/280, v880/v890, VMWare ESX Servers |
| **Networking** | TCP/IP, NIS, NFS, FTP, DNS, DHCP, Samba, Apache, SSH, SMTP, IP-Tables |
| **WEB** **Technologies** | Tomcat7.x/8.x, Apache 2.x/3.x, Web Sphere, Web Logic 8.x, Nginx |
| **Programming**, **Scripting** **Language** **and** **Database** | MySQL, Oracle, Shell Scripting, SED, AWK |
| **Other Technologies** | Apache, Apache Tomcat, bind, Kickstart, Puppet, Docker, Jenkins |
| **Protocols** | TCP/IP, UDP, SMTP, TELNET, FTP, HTTP, DHCP, NIS, DNS, IPV4, LDAP |

**PROFESSIONAL EXPERIENCE**

**ABC Financial Services, Inc – Sherwood, AR Jan 2015 - Current**

**Role: Linux/UNIX Administrator**

Administered RedHat Linux systems and configured RAID technologies. Performed system administration tasks and wrote scripts to schedule jobs. Also, configured DNS, NIS, NFS and FTP servers. Managed File systems as in creating, increasing or reducing LVM partitions.

**Responsibilities**:

* Automated installation and configuration of **RHEL** **5.x/6.x/7**, **CentOS 6.x/7.x** and **Solaris 8, 9, 10**.
* Performed **OS** patching, firmware upgrade, kernel tuning and upgraded **Sun** **Solaris** and **RedHat** **Linux** **Cluster** servers.
* Configured **RAID** configurations on **RedHat** and **Solaris** servers.
* Migrated **NAS** storage to virtualized **RHEL** **KVM** environment for enterprise/internal applications.
* Scheduled **Bash** and **Shell** scripts to verify deployed environment, change **Subversion**, run scripts and edit files.
* Used **Autosys** to handle scheduling issues and also supported upgrade of **Autosys** from 11.3 to 11.3.6.
* Provided day-to-day user administration like adding or deleting users and password aging. Used **Service** **Now** and **Remedy** **ticketing** tool for creating **Change** **Requests**.
* Worked on configuring **NIS**, **TCP/IP, NFS**, **DNS**, **DHCP**, **FTP** and **RAID** levels.
* Provided support to **IBM** **Mid**-**range** (**DS** **3k**, **4k**, **5k**) **Storage** and **NetApps** **NAS** which involved installing and patching **ESX** **Cluster** on **VMWare** and installed **Linux** virtual machines over it.
* Applied **Veritas** solutions like creating **Veritas Clusters Server**, adding **ESX** hosts in those clusters and implementing **Veritas** **File** **systems**.
* Maintained **Solaris** and **RedHat** **Cluster** and also performed regular backups.
* Managed File system configuration on Linux servers using their **LVM** and **cluster** **file** **system**.
* Automated **OS** builds and application installation through **Puppet** and used **Nagios** for resource monitoring.
* Used **Subversion**(**SVN**) in **Jenkins** to maintain and ease the automated code checking process.
* Worked with **Docker** to build container infrastructure.
* Executed multi-tier application provisioning system and integrating it with **Puppet**.
* Developed **Puppet** **Modules** for installing **Jenkins**, **Apache**, **Tomcat** and **Nexus** on both **Windows** and **Linux** platform.
* Used **Puppet** **Dashboard** to configure and automate management of existing infrastructure.
* Executed **Puppet** to manage Web Applications, commands, user mount points, install packages and edit files.

**Environment:** *RHEL 5.x/6.x, CentOS, Solaris10/11, Veritas Volume Manager 3.x/4.x, Veritas Storage Foundation 5, VMWare ESX 4.x/5.x, Veritas Cluster Server, Chef, Jenkins, Tomcat.*

**Devon Energy – OKC, OK Jun 2014 – Dec 2015**

**Role: UNIX/Linux Administrator**

Troubleshooting and monitoring apache webservers was the main responsibility. Wrote bash and python scripts to perform various tasks and also to automate them. Performed patches and updates on servers.

**Responsibilities**:

* Performed **OS** patching, firmware upgrade, kernel tuning and upgraded **Sun** **Solaris** and **RedHat** **Linux** servers.
* Handled LVM tasks like creating, resizing and deleting partitions.
* Configured **RAID** configurations on **RedHat** and **Solaris** servers.
* Provided **Tier** **2** support to storage team regarding **RAID** storage (**RAID** **5**).
* Created and configured Solaris servers to work with **EMC** **SAN**.
* Administered Solaris and **RedHat/UNIX** **Cluster** and monitored **nodes** and completed the tasks such as **failback** and **failover**.
* Administered **VMware** **vCenter 6.0**, kept **VMware** hosts and **vCenter** client/server updated, and created server builts according to the specifications provided by the server admin.
* Took part in development team that was involved in software releases and bug-fixing for applications.
* Worked with **Autosys** 11.3 in scheduling jobs and also monitoring them through GUI.
* Assist in implementing **Service** **Now** Cloud, **JIRA** Ticketing System.
* Used **IBM IMM (Integrated Management Module)** and **SUN ILOM (Integrated Lights Out Manager)** for remote access.
* Performed **LDAP** administrative tasks like creating **LDAP** groups, adding users to groups, maintaining **LDAP** services and retrieving users data from user profiles.
* Assisted troubleshooting **OS** issues on **Linux**. Also implemented performance tuning for smooth running of the system.
* Provided support to **IBM** **Mid**-**range** (**DS** **3k**, **4k**, **5k**) **Storage** and **NetApps** **NAS** which involved installing and patching **ESX** **Cluster** on **VMWare** and installed **Linux** virtual machines over it.
* Worked on implementing change requests provided by users for server configuration, kernel tuning, OS hardening and software installation.
* Consulted and implemented software release strategies for applications according to **Agile** process.
* Provided technical support and remote assistance to clients on day-to-day operations.
* Built **Kickstart** server for automation of **Linux** **OS** installation.
* Installed **Jenkins** **CI** on **Linux** machines and used it for Continuous Integration and Deployment of **Tomcat** application server.
* Used **GIT** repository for **Sub**-**versioning** (**SVN**) code builds and also **tagging**, **merging** and **branching** them accordingly.
* Implemented **Redmine** to track **project** and provide **project** **documentation**.

**Environment**: *RHEL, CentOS, Azure, Puppet, Shell, Python, VMWare ESXi, Maven, Jenkins, GIT, SVN, Apache Webserver, WebLogic, Nexus, Oracle.*

**Credit Solutions of America – Richardson, TX Jan 2012 – May 2014**

**Linux Administrator**

Executed Linux Administrator tasks like installing **RHEL** and **CentOS**, managing file systems, and monitoring/troubleshooting systems and servers.

**Responsibilities**:

* Installed and configured hundreds of **RedHat** **5.x/6.x**, **CentOS**, **VMWare** **ESXi** **4.1**, **5** and **5.5** Virtual Environments.
* Installed **RedHat**/**Centos** **6.x** using **Kickstart** servers in physical and virtual server environment.
* Installed and updated packages using **YUM** (custom **YUM** servers/repositories) and **RedHat** **Satellite** **Server**.
* Migrated application from console using **Command** **Line** **Interface** (**CLI**) and moved applications between **Virtual** **Private** **Clouds** (**VPC’s**).
* Involved in installation of **Apache** **Webserver**, **Oracle** **database** and **WebLogic** **Application** server.
* Configured and deployed patches, upgrades, bug fixes on both physical and virtual **RedHat** **Linux** servers using satellite servers.
* Wrote **Shell** scripts for data analysis and data changes.
* Partook in installation and configuration of **Puppet** **Master**, **Puppet** **Agents**, **console**, and created **manifests**/**classes** for automation.
* Monitored version control through **GIT** to track project progress over time.
* Installed and configured **Docker** **container** environment, maintained **Docker** **repositories** and used **Docker** images to test phases of development in different operating systems.
* Constructed **Maven** builds to execute **Maven** projects in continuous integration pipeline through **Jenkins** interface.
* Participated in production on-call support of **Linux** and provided technical support to users.
* Took part in resolving assigned remedy tickets and remedy tools in **Development**/**QA**/**Staging**/**Production**.

**Environment**: *RHEL 5.x/6.x, Centos, Puppet, VERITAS Volume Manager 3.x/4.x, VERITAS Storage, Docker, Puppet, Shell, Maven, Jenkins, GIT, SVN, Apache Webserver, WebLogic, VPC, Oracle, Jboss.*

**Apex Capital Corp – Ft Worth, TX Nov 2010 – Dec 2012**

**Linux/UNIX Administrator**

Main responsibilities involved maintaining and troubleshooting apache webservers and application servers like Tomcat, WebSphere and Jboss.

**Responsibilities**:

* Supported **Linux** servers in production/stage/development environment in a team of 12 System Administrators.
* Administered **RHEL** **5.x/6.x** and **CentOS** which included installation, configuration, upgrade and patching.
* Partook in installation and configuration of **RedHat** **Enterprise** **3, 4** on various servers using **Kickstart**.
* Profound expertise in **creation**, **cloning** and **migration** of **VMs** using **vSphere** **4.0/5.0.**
* Managed **LVM** related tasks like creating, resizing, deleting LVMs and also handled cluster environments using **Veritas** **Cluster** **Suite**.
* Supported installation of **Veritas** **Volume** **Manager** and **Powerpath** on **RedHat** **servers**.
* Upgraded the storage team with configuration of **EMC**, **SAN**, **NAS** and **ISCI**.
* Managed the setup and configuration of **NFS**, **DNS**, **NIS**, **FTP**, **TFTP**, **DHCP** and **SNMP**.
* Maintained and supported day-to-day **Linux** server duties like troubleshooting and tuning systems and servers.
* Wrote **bash**, **shell** and **python** scripts for automation purposes and configured services to run at startup.
* Configured the installation of **Apache** **Tomcat** web server.
* Used **YUM**, and **RPM** to install, upgrade and remove packages.
* Assisted modification of **Kernel** parameters for smooth operation of the servers.
* Used **VI** **Editor**, **VIM** and **Nano** to edit files depending on the nature of change to be made.
* Setup **Disaster** **Recovery** operations and also used **Syslog**-**NG** for **log** **monitoring**.
* Monitored **Linux** servers for maximum availability and up-time. Performed daily health checkup and provided assistance on fixing issues.
* Supported **UNIX** servers and practiced rotating on call pager responsibility for Production environment.
* Automated scripts for weekly and monthly backups in **Perl** and **Shell**.

**Environment**: *RHEL, CentOS, Nagios, Shell, VMWare vSphere, Apache Webserver, NFS, Veritas Volume Manager, Kickstart, LVM, Syslog-NG, VI Editor, VIM, Nano.*

**Minnkota Power Cooperative, Inc – Grand Forks, ND Sept 2009 – Oct 2010**

**Linux/Solaris Administrator**

Main responsibilities in this project was to install and maintain **RHEL** and **Solaris** **servers**. Performed system administrator tasks like writing scripts, scheduling jobs, monitoring server performance, and creating and migrating **VMs**.

**Responsibilities**:

* Installed and maintained **RHEL** **4.x/5.x** and **Solaris** **8/9/10** servers.
* Partook in setup of **Virtual** environments on systems like **vCenter**, **vSphere** and **ESXi-5. x**.
* Hands on experience in **cloning** **VMs**, taking **Snapshots** and performing regular health checks of **VMs** and **ESX** **hosts**.
* Helped troubleshoot the issues ranging from **Solaris**, **Linux** and **SAN** environment.
* Created and maintained **Solaris** **10** **zones**/**containers**.
* Used **Logical** **Volume** **Manager**(**LVM**) to create **Volume** **groups**, **Logical** **Volumes**, manage disk spaces and mirroring in HP-UX and Linux.
* Applied patches regularly on **Linux**/**Centos** systems using **YUM** and **RPM**. They were also used to perform routine software updates and bug-fixes.
* Installed and configured **Kickstart** **Servers** to build **RHEL** **4.x/5.x** servers while using **Jumpstart** to create **Solaris 8/9/10** servers.
* Installed and monitored **Veritas** **Volume** **Manager** (**VxVM**) on **Sun** **Solaris** environment.
* Operated on **VMWare** **Workstation**, **VMWare** **server** **1.2/2.0**, **GSX**/**VMWare** **server**, **VMWare** **Converter**, **VMWare** **player** and **ESX** **server** **3.X**.
* Installed and configured **LDAP** authentication in **Linux** server environment.
* Managed **Opsware** for network device management and monitoring.
* Implemented security policy and managed **firewalls**/**IDS**, **DNS**, and facility transition.
* Wrote **Shell** scripts for performing and scheduling routine tasks.
* Assembled, replaced and maintained **Sun** and **Linux** **Hardware** in Data Center.
* Managed file system permissions for **users** and **groups** in both **Linux** and **Solaris**.
* Administered user account creation, troubleshooting user login failures, password reset, removing users and changing user permissions.
* Managed regular file archive, recovery and assisted with repair of hardware or software failure.
* Provided 24/7 on-call support on rotation basis.

**Environment**: *RHEL 4.x/5.x, SUN Solaris 8/9/10, SUN Enterprise Servers, Solaris Volume Manager, Logical Volume Manager, Veritas Clusters, Veritas Volume Manager(VxVM), VMWare Workstation, VMWare Server 1.2/2.0, kickstart, jumpstart, SAN, FTP, NFS, Shell scripting.*