**Professional Summary:**

Over 8+ years of IT experience specialized in **DevOps Engineer/Linux System Administration** working on server-based operating system; kernel configurations on**Redhat Linux, CentOS, SUSE, Debian 7, Ubuntu 12.x/13.x and Solaris 8,9 (32 bit & 64bit) Networking, kernel Parameter & Tuning,Trouble Shooting System**& Performance Issues, Package Management and Patch Management. Extensive experience includes **SCM, DevOps Build/Release Management, AWS, Change/Incident Management and Cloud Management**.

**Core Qualification:**

* Experienced in working on **DevOps/Agile** operations process and tools area (Code review, unit test automation, Build & Release automation, Environment, Service, Incident and Change Management).
* Experience in installation, configuration and administration of **Solaris 2.x,7,8,9,10, Redhat 7.3,8,9,IBM AIX 4.3,5L**. Support and maintenance of **Sun Ultra Enterprise Servers (E3500, E4500, E450, E420R, E250), Sun Fire (6800, 4800, 3800, V880, V4xx, V2xx,).**
* Experience in Installation, **Configuration, Implementation, Upgradation, Maintenance & Troubleshooting of Weblogic and Apache Server.**
* Knowledge and expertise in every phase of **SDLC** (Software Development Life Cycle), and **QALC** (Quality Assurance Life Cycle).
* Experience in implementation and maintenance of **VMware, DNS, DHCP, NIS, NFS and SMTP.**
* **Good knowledge with .Net and ASP.Net Frameworks**
* Proficient in Linux Utilities: **KICKSTART, SSH, FTP, AUTOFS, Quota Management, wrappers, User Management, Process Management, Memory Management, and Text processing tools, Log Management, Package Management, Disk Management and Swap Partition/Files Management.**
* Experienced in installation and configuration **of MRTG, CACTI. NAGIOS, Zimbra mail and chat server**
* Proficient in handling **Hardware issues, Migration and Data Center Operations.**
* Proficient with mail technologies such as **SMTP/ICMP/POP3/send mail/mailx, Zimbra.**
* Experienced in using cloud providers and **API's for Amazon(AWS) with CloudSigma(EU).**
* Experience in **Python and Ruby scripting.**
* Proficient in writing **Shell and Perl scripts** to automate business process.
* Experience in Installing, **configuring and maintaining apache/tomcat, samba & send mail, Web Sphere Application Servers.**
* Experience working with **LDAP/Kerberos** authentication and Access Management control in mixed environments using tools like VAS.
* Expertise in **VMware Virtualization solutions, VM Migration & Cloning.**
* Expertise in file system concepts like **LVM, SVM, VxVM.** Creating new file systems, increasing and decreasing file systems, mounting file systems, unmounting file systems and troubleshooting Disk space issues.
* Efficiency in installing, configuring and implementing the **RAID Technologies** using various tools like **VxVM and SVM.**
* Planning, documenting and supporting high availability, data replication, business persistence, fail-over, fail-back using **VERITAS Cluster Server 4.x, 5.x.**
* Good presentation, customer support and trouble shooting skills & experience in providing 24x7 supports.
* Experienced in **Team Foundation Server (TFS)**
* Configured **Networking Concepts DNS, NIS, NFS and DHCP**, troubleshooting network problems such as **TCP/IP,** providing support for users in solving their problems.

**Technical Skills:**

* **Operating System : Solaris 10, Windows 2K, XP, 2003, NT, 2008, 2012, Red Hat Linux ES 4, 5 and 6, AIX 7, HP-UX 11.23**
* **OS Administration :RedHat 6 Linux administration, Solaris 10 Administration**
* **Scripting Tools : Shell, Perl, Python, Ruby**
* **Scheduling Tools :Autosys, crontab**
* **E-Mail servers :Sendmail, Postfix, Zimbra**
* **Monitoring : Nagios, ZABBIX**
* **Networking : DNS, DHCP, TCP/IP, SMTP, LDAP, UDP RIP, OSPF, EIGRP**
* **Database : MySQL, Oracle**
* **Web and middleware: Tomcat, APACHE 2.x, 3.x, F5 Load Balancers, Web Logic (8/9/10) & Web Sphere 4.0/5.0, Netscape/iPlanet Server, MQSeries, Cluster server 3.5 & 4.1, Sun Cluster 2.x & 3.x, Nagios, Nginx, Ganglia.**
* **Tools : MRTG, CACTI, Splunk, Puppet, Chef, Chef, Puppet, Jenkins, Vagrant, Docker, Maven, Gradle, Nexus, Artifactory, VMWare vsphere**
* **Cloud: AWS (EC2, S3, CloudWatch, RDS, ElastiCache, IAM), Microsoft Azure, Rackspace, Openstack, CloudFoundry.**

**Education**

* Bachelor of Technology in Information Technology, JNTU/India, 2008.

**Professional Experience:**

**Client: Wells Fargo, Chandler, AZ Oct 2015 to Present**

**Role: Sr.DevOps Engineer/Puppet Developer**

Participated in configuring and monitoring distributed and multiple platform servers using **Puppet**. Used **Puppet** server and workstation to manage and configure nodes.

* Experience in managing virtual instances and disks using **Puppet.**
* **Deployed Puppet, Puppet dashboard for configuration management to existing infrastructure**
* Managed environments **DEV, BCP, UAT and PROD** for various releases and designed instance strategies
* Experience as a **Build and Release Engineering** in automating, building, deploying, and releasing of code from one environment to other environment.
* Production experience in large environments using configuration management tool **Puppet** supporting with **500+ servers** and involved in developing manifests.
* Implemented continuous integration web hooks and workflows around **Jenkin**s to automate the **dev** test deploy workflow around **Puppet codebase.**
* Experience with production deployment tools like **AnthillPro**
* Setup puppet master, client and wrote scripts to deploy applications on **Dev, QA,** production environment
* Written **make, Maven and Ant** build tools for application layer modules.
* Created continuous integration system using **Ant, Jenkins,** Puppet full automation, Continuous Integration, faster and flawless deployments.
* **Automated the Build & Deployment** environment end -to-end using **Jenkins**
* Analyze and resolve conflicts related to merging of source code for **SVN and Git.**
* Configured Jenkins servers, Jenkins nodes, creating required scripts **(Perl & Python),** and creating/configuring **VMs (Windows/Linux).**
* Installed and configured **Anthill Pro** for Automating Deployments and providing a complete automation solution.
* Created and maintained the Shell/Perl deployment scripts for **TC Server/Tomcat** web application servers.
* Environment provisioning solutions using **Docker, Vagrant, Red Hat Satellite.**
* Worked on variety of **Linux Platforms Red Hat Linux,​Solaris** which includes installation, configuring and maintenance of applications on this environment.
* Build Results are managed in **Anthill Pro** and deployed using workflows in **Anthill Pro.**
* Implement best practices and maintain Source Code repository infrastructure **(Using GIT).**
* **Involved in Software Configuration Management, Build & Deployment Management.**
* Performed application installation and management on **IBM AIX** and **Linux servers for applications like Web Sphere Application Server (WAS) 7, JBoss 4.2.x, 5.x, Sun JES Web Server 6.1, Oracle 11g, Tomcat, java etc.**
* Imported and managed multiple corporate applications in **Subversion (SVN).**
* Created Continuous Build Process using **Jenkins** as Continuous integration tool
* Assist in developing and implementation of deployment plan.
* Worked with the management to develop deployment specifications and configurations.
* Worked **with IT and QA teams** to deploy and troubleshoot the system applications.
* Involved in developing custom scripts using **Python, Perl & Shell (bash, ksh)** to automate jobs.
* Configured **SSH, SMTP, Build Tools, and Source Control repositories in Jenkins. Installed multiple plugins to Jenkins.** Configured Proxy to get auto updates.
* Involved in **24x7 production**-computing environments support. Experience providing on-call and weekend support.
* Developed background process infrastructure on top of **Windows Azure Queues**
* Adapted web application to run in Windows **Azure** against SQL Azure using Azure Queues for background processing.
* Provided Level III support for mail users, both Exchange and Lotus Domino. Implemented **Zabbix** monitoring which trends and monitored over 100 machines.
* Performance tuning and troubleshooting of the applications and resolution of issues arising out of the ticketing systems in Remedy.
* Experience with installations, configuration, upgrade and administration of **IBM pSeries and Power5/Power6 servers** on various levels of AIX operating system environments
* Experience in creating alarms and notifications for **EC2 instances** using Cloud Watch.
* **Worked on Agile methodology and used JIRA for issue tracking**
* Updating patches to keep servers updated against bugs present in the operating system using **RedHat Satellite​ Server, yum, etc.**
* Involved in **Oracle/SQL Upgrade** project which includes various **UNIX builds** of different OS platforms across various data centers.

**Environment:Puppet,SVN, Shell/Perl Scripts, SCM, Jenkins, Anthill Pro, JIRA, Solaris,and Linux, PCE,AWS,OpenStackand SAP,REDHAT, Linux Kernel.**

**Client:** [**Retail Capital**](http://inc.com/profile/retail-capital)**, Troy, MI Oct 14 – Sep 15**

**Role: Sr. DevOps Engineer/Chef Expert**

**Responsibilities:**

* **LAMP** Server Build and Configuration.
* Configuration of **Nagios, Munin, monitoring** tool.
* Implemented automation tools such as **Splunk, Puppet, Chef.**
* Used Build Tool Gradle for setup of Build Jobs in **Jenkins.**
* Setup Chef server, workstation, client and wrote scripts to deploy applications.
* Maintained Chef servers and management application that can use Service Now (CI) data to bring
* Responsible for large-scale **Puppet** implementation and maintenance. **Puppet manifests** creation, testing and implementation.
* Implemented PowerShell scripts that automated creation of contacts from Active Directory users and updating of address books -increasing productivity and efficiency
* Performed the automation using **Chef** Configuration management and managing the infrastructure environment **with Puppet.**
* Implemented a Continuous Delivery pipeline with **Docker, and GitHub and AWS.**
* Configuring p**ostfix/sendmail**servers on **Redhat Linux** include webmail like **squirrelmail / horde.**
* Installation and configuration of **RedHat Enterprise Linux on HP, DL 120, G6 and Dell E2960 hardware.**
* Assisted customers with Access Control Records for cloud verification to **Azure portal.**
* Support customer who have **Azure** Active directories with their current active directory.
* Integrate Office 365 with exiting Azure subscription.
* Responsible for the development of applications by utilizing C#
* **JIRA** is used as ticket tracking, change management and Agile/SCRUM tool.
* **Worked on configuring ​NIS, NFS, DNS, DHCP, FTP, FSTP, Telnet and RAID levels**
* **Extensive experience in network management TCP/IP, NIS, DNS, NFS, VLAN.**
* Installation of third party tools using packages. Experience using cloud providers and **API’s for Amazon (AWS) with Cloud Sigma (EU).**
* Server configure management via **Chef** and System orchestration via **Ansible.**
* Expertise in configuring **Red Hat Cluster Nodes** for any legacy applications and verified the daily health check on the **Cluster Nodes** utilizing clusters.
* Implemented and maintained **Zabbix** monitoring for all machines.
* Expertise in working with **MySQL databases, Apache Web server, Tomcat Application Servers.**
* Scheduling backup to the mounted drive on the cloud server.
* Able to use Python programming APIs to integrate with **Nagios, Zabbix.**
* **Configuring vCenter, vSphere client, vSphere Web client**
* Creation of **Jumpstart and Kickstart** configuration for the automatic provision of servers using **Bladelogic.**
* Installing the required components on the cloud server and Deploying the application.
* Svnserver(subversion) version control software installation and administration.
* Implemented host security on **CentOS**,**OpenSuse and Redhat Linux 5.3**
* Installing **MySQ**L on Linux Server and securing installation
* Supported VCS 6.0 environment for **NFS** and Send mail agents.
* Administered the File Systems and troubleshooting **NFS** issues.
* Installed and managed Apache on Linux Servers for application services
* Configuring **SVN Repository** and providing user access
* Configuring **Kerberos on Linux servers** for secure application authentication

**Environment: RHEL 6.5, IBM-AIX 7, Nagios v4 , Oracle 11g and Weblogic 12c,HP & Dell Servers, Oracle/DB2.**

**Client:** [**Centennial Lending Group**](http://inc.com/profile/centennial-lending-group)**, Maple Glen, PA Jul 12 - Sep 14**

**Role: Sr. DevOps Engineer/Chef and Puppet Developer**

**Responsibilities:**

* Installation **Red hat Linux Enterprise Server 5/6 on Dell and HP x86 HW.**
* Installed and configured **Solaris 10/11 on Sun T and M Series servers Mirrored root disks on all the servers by using ZFS &VxVm.**
* Providing **24 x 7** supports to various application level server level & network level Monitoring and troubleshooting of any datacenter outages. Day–to-day administration on Sun Solaris which includes Installation, upgrade and loading patches.
* Administered Network File Systems, user and OS data files in **NIS and NFS** environment on both **Redhat Linux /CentOS and Ubuntu** environments.
* Installation of Web logic, upgraded to service pack updates, installed BEA patches, configuring and creation new domain & services starting & stopping.
* Veritas Netback up installation, Catalogue backup and maintenance Backup/restore on ADIC (Intelligent Storage –Scalar i2000k – Library Management Console) using server Windows NT/2000 & Sun Solaris server and checking the job failures.
* Experienced in firewalling dynamic infrastructures with **Chef.**
* Replaced an aging **Puppet** implementation with **Chef** for a late-stage start-up.
* Automating infrastructure in **AWS** with **Chef, Ruby**, and your maternal unit
* Replaced existing manual deployment and management processes with **Chef and AWS**
* Installation of **Oracle** on **Linux and Solaris**, creating database, creating **Oracle** users etc.
* Configured and worked on **Cisco 2600 and 2800 Series routers**
* Configured and worked on **Cisco 2960, 3550 Series Catalyst Switches**
* Planning and implementing Backup and Restore procedures using **Ufsdump, Ufsrestore, Tar” and “Cpio”.**
* Production support of **Apache** and **JBoss** including installation, configuration, management and troubleshooting.
* Installed, managed **Verities Volume Manager 5 (VxVM) on Solaris 10. Created Veritas File Systems.**
* Documented **Apache Web Server Development, Staging & Production environments, installed configured and managed Solaris 10 Zones** on Sun Enterprise systems, Administered, maintained **Red Hat 5/6** Troubleshooting Hardware, Operating System Application & Network problems and performance issues; Deployed latest patches for Sun, **Linux and Application servers**, Performed Solaris and **Red Hat Linux Kernel Tuning for TCP stack.**
* Involved in installing **Puppet client on Red hat & Solaris** servers for Automation purpose.
* Established new user accounts and password. Added and configured hardware devices like hard disks, network interfaces.
* Installation and monitoring of **Veritas Volume Manager, Veritas NetBackup and Veritas Cluster Server on SAN** Environment.
* Monitoring day-to-day administration and maintenance operations of the company network and systems working on Linux and Solaris Systems.
* Installed and configured the **Red Hat Linux 5.1** on **HP-Dl585** servers using **Kick Start.**
* Configured the **NIS, NIS+ and DNS on Red Hat Linux 5.1 and update NIS maps and organize the RHN Satellite Servers in combination with RHN Proxy Server.**
* Installed and configured the **RPM** packages using the **YUM** Software manager.
* Configured root disk for its clustered file system on **RED HAT LINUX5.X.**
* Configured logical volumes using logical volume manager (**LVM**) and also configured mirroring.
* Installed and maintain **RHEL and SuSE** provisioning servers for efficient builds per best practices
* Installation of **Web logic Application** server, upgraded to service pack updates, installed BEA patches, configuring and creation new domain & services starting & stopping. Installation of **Oracle10g on Linux and Solaris**, creating database, creating Oracle users & export and importing database, creating rollback segment etc.
* Production support of **Apache, PHP, My SQL, Tomcat** including installation, configuration, management and troubleshooting.
* Involved in developing custom scripts using **Python, Perl & Shell (bash, ksh) to automate jobs.**
* Merged the generated reports as per request. Formatted data into required format using **UNIX Shell Scripts, SED and Awk.**
* Defining and Develop plan for Change, Problem & Incident management Process based on ITIL.
* Networking communication skills and protocols such as **TCP/IP, Telnet, FTP, NDM, SSH, rlogin.**
* Installed HBA cards and upgraded Firmware in **VMware ESX and RHEL.** Created large volumes using **LVM** from the **EMC LUN's.** Resized the volumes online in **RHEL AS 4.0..**
* Written **shell scripts and Perl scripting** to take backup oracle database.
* Security auditing using Korn programming. Shell Programming for day to day system administration.
* Kick start the **Red Hat Linux RHEL 6** on **HP Power edge servers and Cisco UCS servers.**
* Deploying Veritas Clusters and Oracle 8i test databases to implement disaster recovery strategies, ensuring uninterrupted availability of the global systems.
* Configured Logical storage Manager (LSM) for root disk encapsulation and implemented root disk mirroring for fault tolerance.
* Experience in **BIOS UPGRADE** and OS installations and configurations and maintenance
* Worked on the administration of the **Web Logic 9, JBoss 4.2.2** servers including installation and deployments.
* Extensive experience in Security Patching
* Also coordinating with storage team and networking teams
* Ability to effectively communicate across vendors with different departments and provide resolutions to all levels in the organization, both verbally and in written documentation through on 24 \* 7 on call Support.

**ENVIRONMENT**: **REDHAT LINUX 4.x,5.x,6.x, SUN fire T2000, T4k, M 5000, and Veritas volume manager5.x , Veritas Net backup 6.5, Web logic 10.x.,Oracle 10G/ 11i/RAC, HP 9000 Superdome SX1000 ,** **Volume Manager, VMWare ESX SERVER,, Shell scripting, SAN/Mc Data Switches , Brocade Switches, RED hat satellite server**

**Client:** [**SoluComp**](http://inc.com/profile/solucomp)**, South Barrington, IL Sept 11 – Jun 2012**

**Role: Linux Administrator**

**Responsibilities:**

* Responsible for supporting Linux System Administrator customers with **RHEL/CentOS/Ubuntu** operating systems questions and problems via telephone, FAX, and email. Researched the data base for known problems or tested the customers’ problem on a test system in the same environment. Aided customer in resolving their problem using the tools in the Linux OS or from the command line.
* Provisioning and support of Production, QA and Developers environment.
* Deployment and Build of various environments.
* Define standards for installation and support for **Linux/CentOS** and Ubuntu platforms.
* Overall responsibilities include checking the health of servers, updates and backup. Check with the trouble ticketing system for any unread ticket. Also troubleshooting if there any bottlenecks; Responsible to perform BIOS update on Dell Systems. Handled all system administration duties for all **Red Hat Linux and VM Servers** on site. Responsibilities ranged from daily tasks to more advanced ones such as shell scripting, software installation and system/network troubleshooting.
* Responsible for the Server Administration tasks in the web & server support areas.
* Tuned servers for maximum efficiency for Oracle and **MySQL** Data Bases.
* **VERITAS** Volume Manager and **VERITAS** File System troubleshooting and Administration.
* Mutli-tier application environment with Weblogic, WebSphere. Mission Critical 24x7 Servers support.
* Installed and configured **JMX-based services on JBOSS.**
* Define Mapping Servlets, Filters, and Session Configuration on **JBOSS.**
* Configured **JNDI and JMS on JBOSS.**
* **NIS, NFS, AUTOFS, NTP** Configuration and Administration.
* Configuration and Installation of **JBOSS 4.x on Linux servers**.
* Analyze and suggest corrective methods on performance issues.
* Adding additional and extension of existing File systems using **VxVM and Vxfs.** Configuring autofs for auotomount. Upgrading the Application as per Application team requirements. Scheduling jobs using crontab and at.
* Done with **LAMP Setup in Ubuntu, MySQL** setup, Performance Tuning, Replication, Commands, Backup and overall Administration.
* Performed workstation and server installations and upgrades, standardized workstation configuration, automounter, sendmail, and hardware upgrades; administration support and troubleshooting duties in a 24x7.

**Environment:Redhat Linux 3,4,5,6 Sun Solaris 8,9,10 , JBOSS AS 4.x,Sun V440,V490 T5220 T5240 Sparc stations 20,Switches, VMware ESX 5.1,oracle 11,Veritas Cluster Server 5,Veritas Operations Manager.**

**Client:** [**Acacia Communications**](http://inc.com/profile/acacia-communications)**,Maynard, MA Nov 10 – Aug 11**

**Role: Linux Systems Administrator**

**Responsibilities:**

* Involved in Design, Configuration & Implementation of **Unix/Linux** migration activities from **3PAR to EMC SAN devices like VMAX.**
* Involved in 24X7 Production support, Build and Migration Assignments.
* Worked Primarily on **RHEL 4/5, HPUX, IBM AIX 4.3, 5L and Solaris 9 Operating Systems.**
* **Text processing, also in network programming with Perl Scripting**.
* Involved in migration activities using **Redhat LVM, Solaris LVM, Veritas and EMC Open Migrator.**
* Installation of **OAS (Orac**le Application Server) on **Solaris 9** and its configuration with oracle database.
* Experience running **EMC GRABS,** Heat and Sun Explorer reports and working with EMC and SUN/Oracle support teams.
* Migrated **ORACLE RAC** servers using system **EMC** Open migrator and effectively worked with the database team to bring up/down the databases.
* Writing Shell and Perl Scripting for automation of job.
* Tuning the kernel parameters based on the application/database requirement
* Used Veritas File system (VxFS) and Veritas Volume Manager (VxVM) to configure **RAID 1 and RAID 5** Storage Systems on Sun Solaris.
* File system tuning, growing, and shrinking with **Veritas File system 3.5/4.x.**
* Installed and configured GFS cluster for holding databases.
* Manage user accounts for the team access for **Redhat Satellite Server.**
* Build channels and pull the packages from master **Redhat Satellite Server.**
* Troubleshooting hardware, software and configuration problems for various protocols and topologies.
* Install and configure **DHCP, DNS (BIND, MS), web (Apache, IIS), mail (SMTP IMAP and POP3) and file servers**.
* Configured open **LDAP Red Hat Linux systems.**
* Setup optimal **RAID levels** (fault tolerance) for protected data storage in NAS environments.
* **Experienced Cloud Computing technology.**
* Expertise in troubleshooting the systems and managing **LDAP, DNS, DHCP and NIS.**
* Worked with different Active directory databases like Microsoft AD, Tivoli Directory server with LDAP.
* Created new slices, mounted new file systems and unmounted file systems.
* Worked on making DNS entries to establish connection from server to **DB2 database**.
* Performed patching, backups on multiple environments of **Solaris, Linux and VMware.**
* Assisted other UNIX administrators when help was needed (i.e. creating UNIX accounts, writing scripts to perform system administrator functions, responding to trouble tickets, etc).

**Environment:**Red Hat Linux (RHEL 4/5/6), Solaris 9, IBM AIX 4.3, 5L , Logical Volume Manager, Sun & Veritas Cluster Server, Global File System, Redhat Cluster Servers.

**Client: Citizens Bank Hyderabad, INDIA. Aug 08 – Oct 10**

**Role: System Administrator**

**Responsibilities:**

* Performed system administration of **UNIX** servers by using Operating Systems of Solaris 2.7/8 Managing SUN Solaris, Compaq and Linux workstations and servers.
* Configuration of Hardware and Software **RAID** on Digital & Sun Servers.
* Installation of Oracle Patches and Troubleshooting, Creating and modifying application related objects, Creating Profiles, Users, Roles and maintaining system security.
* 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.**
* Configuration and maintenance of **NIS, NFS, DHCP and DNS** Servers on Solaris.
* Worked in **Qmail MTA** Installation and Configuration.
* Disk Management Utility. Used daily for file system creation and file system management.

**Environment:Redhat Linux 4,5,6 Sun Solaris 8,9,10 Sun V440, V490 T5220 T5240 Sparc stations 20, Switches, VMware ESX , Oracle.**