

**VikramReddy Gajjala**  
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**Professional Summary:**

- Around 7 years of IT experience as Devops Engineer and as Linux System Administration working on **OpenStack,Puppet,Ansible,RedHat Linux, ,Vmware,Solaris, Centos, Suse Linux, AIX, Cent OS, HP-UX, OEL,Nagios,Git,Ansible,Jenkins** and **Windows** environments with AWS Cloud computing.
- Experience of Configuring, Installing and Troubleshooting **Openstack** setups.
- Experience with **AWS** services such as EC2, S3, EBS, ELB, VPC, IAM, Auto Scaling
- Knowledge of **puppet** as Configuration management tool, to automate repetitive tasks, quickly deploy critical applications, and proactively manage change.
- Experience in configuring, maintaining and customizing **Remedy** Action Request System and BMC **Remedy** IT Service Management System 5.x,6.x and 7.x
- Infrastructure virtualization and app isolation using Docker.
- Setup framework for one clicks build and deployment on non-production environments.
- Develop and manage the roll out schedules, implementation plans and activities/tasks for and across all functional groups involved in the release and work across functional groups involved
- Proficiency in Programming Ruby, Python, Javascript, C, JAVA
- Setup trust between on premise and cloud server using ACS and ADFS in **Azure**.
- Creating and Managing Virtual Machines in **Windows Azure** and setting up communication with the help of Endpoints and also VM Migrations from Transitional hosts on Canada Boxes.
  
- Build a fully functional demo for Education Analytics Product using SharePoint Online, **Windows Azure**, SQL Azure, Silverlight technologies.
- In depth knowledge of **Cassandra** and hands on experience with installing, configuring and monitoring DataStax Enterprise cluster.
- Good knowledge on the complete **Cassandra** architecture with in detail understanding of read, write and delete processes.
- Hands on Experience in working with the **Cassandra** Query Language (CQL) for querying the data present in the **Cassandra**.
- Hands on experience on Automation/Build such as **Jenkins, JNLP Slave Nodes, Docker, Chef, Puppet, Nexus, Artifactory**.
- Infrastructure Management and **Deployment automation**.
- Experience in building and leading technical teams, designing and implementing SaaS infrastructure, Cloud Computing, **AWS EC2**, web services development, Distributed Systems, database and search-systems design, API design, Linux system software development (both kernel and user space).
- Experience in Creation Experience in administering Solaris & Linux. Experience in **Installation, Configuration, Backup, Recovery, Maintenance, Support of Sun Solaris & Linux**.
- Experience in Installing, upgrading and configuring **Red Hat Linux 3.x, 4.x, 5.x,6.x** and **SUN Solaris 2.x, 7, 8, 9 and 10 and 11** using Kickstart Servers and Interactive Installation.
- Worked with Database administrators to **tune kernel** for **Oracle** installations.

- Experience with **Veritas Volume Manager (VxVM), Veritas File System (VxFS), Veritas Net Backup, Veritas Clustering** with SAN, NAS environment.
- Experience in installing, configuring and implementing the **RAID** technologies using various tools like **Veritas volume Manager** and **Solaris volume manager**.
- Experience in Creation and managing user accounts, security, rights, disk space and process monitoring in Solaris and Redhat Linux.
- Installation and upgradation of **Packages** and **Patches** configuration management, version control, service pack. & reviewing connectivity issue regarding security problem.
- Experience in configuration of **NIS, NIS+, DNS, DHCP, NFS, LDAP, SAMBA, SQUID, and postfix, send mail, ftp, remote access, security management and Security** trouble shooting skills.
- Experience in management of **SLURM, Torque, Maui, LSF**
- Experience on Webservers such as **iPlanet Webserver 6.0 /Sun one web server 6.3, 6.5, Tomcat 3.x, 4.x, 5.x & Apache Server 1.x, 2.x** and integrating them with **Weblogic 10.x servers**.
- Strong knowledge and experience in Logical Volume Management (LVM), Storage and Disk Management
- Certification in Red Hat Certified Engineering (RHCE), Red Hat Certified System Administrator( RHCSA)
- Experience in administering **Vsphere 4.0, 5.1, 5.5**.
- Experience in Installation of **Oracle** and **MySQL**.
- Expertise in scripting for automation, and monitoring using **Shell, PHP, Python & Perl scripts**.
- Experience in Installing Firmware Upgrades, kernel patches, systems configuration, performance tuning on Unix/Linux systems.
- Worked on scrum and **Devop** tools Agile
- Experience working in SAN environment like EMC Symmetrix **DMX3, DMX4** and Clarion **CX3** series arrays.
- Creating Linux Virtual Machines using VMware Virtual Center and AIX LPARs on P550 and P570.
- Experience with Active MySQL clusters using **RedHat** Cluster Suite for supporting internal applications built on the LAMP stack.
- Experience in **LDAP and Puppet, Splunk** designed and developed integrated solutions through these **Devop** tools, processes and procedures to facilitate the cost effective delivery of services or fielding of products. Perform testing and integration, maintenance and escalated problem resolution of systems, subsystems and components.
- Experience in Network Configuration and Troubleshooting and Partitioning of file systems.
- Strong working knowledge of Switch and Router configuration and customization with VLAN and Inter-switch communication.
- Working knowledge on **TCP/IP, UDP** protocols in solving network related issues on the servers.
- My core strengths are good Implementation, Analytical and Trouble shooting Skills, Integration and Project Management
- Day to day ticket resolving & submit CRQ based on user requirement
- Performing regular day-to-day Systems Administration activities such as **User Administrations, Disk Management, Package Install, Patch Management, Storage Management, Performance Monitoring, Log files Monitoring, Jobs Scheduling, NFS administration and Disaster Recovery/fail-over** exercises.
- Proficient in Shell Scripting (**Bash**), **Sed** and **Awk**.

- **Worked on NetApp Storage administration and configuration clusters(7-mode and c-mode (Ontap 7.x,8.x,NAS/SAN)**
- Coordinate with Security team for required authentication setup and make sure the things are going properly
- Strong in troubleshooting, monitoring, training and 24/7 production support in mission critical environments Worked with systems support team to define, architect and maintain highly available production systems.

#### Technical Skills:

<b>Operating Systems</b>	Linux (RedHat 5/6), Sun Solaris (10/9/8), Ubuntu,IBM AIX 5.x, Windows 2003/2008 Server, VMWARE ESX/ES
<b>Hardware</b>	<b>Dell PowerEdge Series,ATG 10.2, HP DL Series servers, HP Blade ,Sun Fire Servers</b> - E25k, E15k, 12k, E280R, E480R, V240,420R, V440, V480, V490, V880,V890 and 4800 <b>Data Centre Servers</b> - E250, E450, E3000 and E3500 <b>Tape Libraries</b> - Sun StorEdge L20/L40/L60, L180 and Storagetek's 9840 A/B/C Fibrechannel <b>Arrays</b> - Sun StorEdge 3130, A1000/D1000, EMC DMX 800 and 1000
<b>Languages</b>	Power Shell scripting, PERL,Python, C, C++,JEE,
<b>Networking</b>	TCP/IP, DNS, NFS, NIS, SSH, DHCP, Cisco Routers / Switches and LAN
<b>Tools</b>	Jenkin, Git, Puppet, Nagios,Chef,Maven,Sun Cluster 3.2, VERITAS NetBackup 6.0, VERITAS Storage Foundation Suite, Solaris Volume Manager, sendmail, OpenStack, Spacewalk.
<b>Web Technologies</b> /Web applications	Lotus Domino 5 / 6, Apache 2.0, WebLogic 8.1/10, WebSphere, JBoss, IPlanet, IIS, HIS, Node.js,Nginx

#### Education:

Bachelor of Computer Science

#### Professional Experience:

**Client: COX, Atlanta**

**Nov 2015 - Present**

**Role: Devops Engineer**

#### Responsibilities

- Administration of RHEL 5, 6 which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues.
- Installed AIX as LPAR on an IBM P series servers maintained by using HMC set up on a SUSE server.
- Designed and modified User Interfaces using JSP, JavaScript, Hadoop, Perl Scripting, Powershell, Linux, Cloud **Puppet, Chef**, Ruby on Rails, vSphere, vCenter, vCloud, vFabric, MQ, CSS and jQuery

- Wrote **JUnit** test cases for unit, integration, and functional tests, run automatically by **Hudson/Jenkins** in the builds triggered by each push to **Git**.
- Administration of monitoring infrastructure consisting of Nagios server with Centreon as web interface for configuration and display of performance data.
- Responsible for build and deployment automation using VM Ware ESX, Docker containers, Vagrant and Chef.
- Used JQuery to make the frontend components interact with the Javascript functions to add dynamism to the web pages at the client side.
- Established coding standards and enforced them through automated tools.
- Refresh **Linux servers** which includes new hardware, **OS** upgrade, application installation, testing.
- Experience in Administering IBM WAS 5.x/6.0/6.1/7.0 on various operating systems like RHEL 3/4/5 Windows 2000/2003 and AIX Systems.
- Installed and configured **VMware ESX server instances** for virtual server setup and deployment. Responsible for creating **VMware** virtual guests running **Solaris, Linux, Windows**.
- Installing RedHat Linux using **kickstart** and applying security polices for hardening the server based on the company policies.
- Developed utilities in perl, including templates and configurations for Nagios, MRTG, and basic system configurations. Wrote custom plugins for Nagios.
- Installation, configuration of MySQL 5.1 which includes creating database tables, updating table entries.
- Worked on lifecycle management of image-based containers by the Dockers.
- Experience in developing a web app, building a static website, managing an open source project, or heck, even teams working by GIT source management
- Worked on KVM, installing, configuring Linux VMs.
- Experience in Configuration of Nagios
- Perform many operations in Oracle VM Manager which to create a server pool, add servers, and create virtual machine by API
- Experience in Installation and Configuration of ignite backup

**Environment:** Red-Hat Linux Enterprise servers (HP Proliant DL 585, BL 465/485,JEE, Jenkins, JIRA, OpenStack, Maven, GIT, ANT, Puppet, AWS, Python, Remedy, Unix Shell Scripting.

**Client:** AUSTIN ENERGY

**Dec 2014 - Nov 2015**

**Role:** Devops /Cloud Engineer

### Responsibilities

- Administration of RHEL 5, 6 which includes installation, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues.
- Created proof-of-concept (POC) for using python wheels instead of RDO packages for installing OpenStack components, and also to segregate each python module into separate virtualenv.
- Managed continuous integration and deployment by creating and maintaining the

development and production environments.

- Automated the deployment of Graphite and Sensu monitoring checks to major components of OpenStack using Ansible scripts.
- Support current migration of Data Center to Amazon Cloud.
- Focus on continuous integration and deployment, promoting Enterprise Solutions to target environments.
- Design EC2 instance architecture to meet high availability application architecture and security parameters.
- Deploy, manage, and operate scalable, highly available, and fault tolerant systems on AWS.
- Strong in Security, Firewall, Networking fundamentals and concepts.
- Configure, monitor and maintain **AWS VPC** cloud environment
- Experience in configuring, maintaining and customizing **Remedy** Action Request System and BMC **Remedy** IT Service Management System 5.x,6.x and 7.x
- Qualify potential customers for the **Microsoft Azure** platform for cloud data storage and business solutions.
- Expert in benchmarking and load testing a **Cassandra** cluster using a Java-based stress testing utility called **Cassandra-stress** tool.
- In detail understanding of **Cassandra** cluster topology, Virtual and Manual nodes.
- Good Knowledge on Internode communications (Gossip protocol) and Snitch protocol.
- Experience in configuring **Cassandra** cluster with multiple datacenters by using both virtual and manual nodes.
- Performed automating tasks using **puppet** modules, creating profiles, manifests for new servers, and pushing them to servers.
- Redesigned and redeployed the Nagios implementation. Nodes automatically added/removed themselves via **Puppet**
- Deployed **Puppet** for configuration management to existing infrastructure.
- Creating, cloning Linux Virtual Machines, templates using **vSphere vcenter**.
- Involved in DevOps migration/automation processes for build and deploy systems.
- Refresh **Linux servers** which includes new hardware, **OS** upgrade, application installation, testing.
- Experience in Administering IBM WAS 5.x/6.0/6.1/7.0 on various operating systems like RHEL 3/4/5 Windows 2000/2003 and AIX Systems.
- Installed and configured **VMware ESX server instances** for virtual server setup and deployment. Responsible for creating **VMware** virtual guests running **Solaris, Linux, Windows**.
- Experience in replication of **SRDF** in VCS for VMware ESX environment
- Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and **AWS** AMI's, Whenever a new github branch gets started, Jenkins, our Continuous Integration server, automatically attempts to build a new Docker container from it, The Docker container leverages Linux containers and has the AMI baked in. Converted our staging and Production environment from a handful AMI's to a single bare metal host running Docker.
- One of two primary developers of Chef's provisioning system
- Developed drivers for **AWS**, Docker, Azure and PXE-boot bare-metal

- Responsible for roadmap planning, building new features, supporting new platforms, and writing documentation and training material
- Built Continuous Integration environment (Jenkins, Nexus). And Continuous delivery environment (**puppet**, Yum, rsync).
- Tracked quality metrics through development and post-release by python.
- Improved monitoring with Nagios and custom plugins.
- Integrated delivery (CI and CD process) Using Jenkins, Nexus, Yum and **puppet**.
- Able to create scripts for system administration and AWS using languages such as BASH and Python.
- Worked in an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment using tools like Chef & Jenkins.
- Merging and tagging need to be done after the code went live in environment
- Maintain a Live Like environment to test any production issues on the setup and push it into production.
- Established continuous integration (CI) practices and standards for the UFTWF. Set up Jenkins server and build jobs to provide continuous automated builds based on polling the Git source control system during the day and periodic scheduled builds overnight to support development needs using Jenkins, Git, JUnit, Selenium and Maven.
- Creating, cloning Linux Virtual Machines, templates using vSphere **vcenter**.
- Installing RedHat Linux using **kickstart** and applying security policies for hardening the server based on the company policies.
- Developed utilities in perl, including templates and configurations for Nagios, MRTG, and basic system configurations. Wrote custom plugins for Nagios.
- Installed different virtualization products such as vmware server 2.0, ESX 3.5/4.0 on a physical server which in turn will host different virtual servers running different SUSE versions, Linux, Solaris etc.
- Performed automating tasks using **puppet** modules, creating profiles, manifests for new servers, and pushing them to servers.
- **DevOps** in monitoring team: (Zenoss, Docker, Python, Puppet, Linux, AWS) Development operations (devops) of monitoring systems for all digital BBC products and infrastructure (web/streaming) and responsibility for operations of ~50 monitoring servers (CentOS, RHEL), managed by Puppet/Hiera/Ansible
- Worked and performed data-center operations including rack mounting, cabling.
- Refresh **Linux servers** which includes new hardware, **OS** upgrade, application installation, testing.
- Configured volume groups and logical volumes, extending logical volumes for file system growth using Logical Volume Manager (**LVM**) commands
- Experience in Installation and configuration on HP, DL 120, G6
- Modified Internet directories through LDAP
- Worked on system management tasks like user account creation, monitor system resources and system maintenance using **Shell**, and **Perl** scripts
- Installation, configuration of MySQL 5.1 which includes creating database tables, updating table entries.
- Worked on lifecycle management of image-based containers by the Dockers.

- Experience in developing a web app, building a static website, managing an open source project, or heck, even teams working by GIT source management
- Worked on KVM, installing, configuring Linux VMs.
- Experience in Configuration of Nagios
- Perform many operations in Oracle VM Manager which to create a server pool, add servers, and create virtual machine by API
- Experience in Installation and Configuration of ignite backup

**Environment:** Red-Hat Linux Enterprise servers (HP Proliant DL 585, BL 465/485,JEE, Jenkins, JIRA, OpenStack, Maven, GIT, ANT, Puppet, AWS, Python, Remedy, Unix Shell Scripting.

**Client:** MEDICA, MINNETONKA

**June 2013 – Nov 2014**

**Role:** Devops /Cloud Engineer

### **Responsibilities:**

- Designed, supported, and maintained Oracle Real Application Clusters supporting business critical applications on **HP ProLiant BL465/BL685** & Integrity Itanium2 platforms on **RHEL 4 & 5** in JEE environment.
- Deployment of cloud infrastructure and automation solutions (Openstack/vMware/KVM)
- Helping in the testing of services based in Docker, Openstack, deployment alternatives, network automation, etc.
- Installed AIX as LPAR on an IBM P series servers maintained by using HMC set up on a SUSE server.
- Designed and modified User Interfaces using JSP, JavaScript, Hadoop, Perl Scripting, Powershell, Linux, Cloud **Puppet, Chef**, Ruby on Rails, vSphere, vCenter, vCloud, vFabric, MQ, CSS and jQuery
- Wrote **JUnit** test cases for unit, integration, and functional tests, run automatically by **Hudson/Jenkins** in the builds triggered by each push to **Git**.
- Administration of monitoring infrastructure consisting of Nagios server with Centreon as web interface for configuration and display of performance data.
- Responsible for build and deployment automation using VM Ware ESX, Docker containers, Vagrant and Chef.
- Used JQuery to make the frontend components interact with the Javascript functions to add dynamism to the web pages at the client side.
- Established coding standards and enforced them through automated tools.
- Written **Chef** Cookbooks and recipes in Ruby to Provision several pre-prod environments consisting of Cassandra DB installations, WebLogic domain creations and several proprietary middleware installations.
- Established remote monitoring and alerting via Nagios.
- Managed in implementing Java based DataStax driver to connect, load and retrieve data from the **Cassandra** cluster.
- Expertise in using Java Driver or Sqoop tools to export data into DataStax **Cassandra** cluster from RDBMS.
- Expertise in Data Modelling by using best practices like Partition per Query strategy for good performance of the **Cassandra** cluster, De-normalizing and duplicating the data for better read performance.
- I migrated my department from a physical data centre environment to **AWS**. I also designed, built, and deployed a multitude applications utilizing almost all of the **AWS** stack (Including EC2, R53, S3, RDS, DynamoDB, SQS, IAM, and EMR), focussing on high-availability, fault tolerance, and auto-scaling.

- Involved in developing and implementation of the web application using Ruby on Rails.
- Coded model level validation using Ruby programming with emphasis in web security. Handled caching in Ruby on Rails.
- Implemented and enhanced CRUD operations for the applications using the MVC architecture of Rails framework and Ruby conducting code reviews.
- Expanded the environment from 128 to over 280 systems over the course of 12 months.
- Setup and maintained **NFS** and **TCP/IP** network, configured the systems for TCP/IP Networking with the existing LAN, setting up **SSH** and **SCP** features between **SUN** systems and other **Red Hat/UNIX** hosts.
- Responsible for the handling of the automation tool **Puppet**
- Maintained network and data security, maintained security compliance policies on the OS for **SOX** and internal audits.
- Install and configuration of Dockers
- Experience with building the Chef cookbooks using maven and eclipse
- Experience with maintaining the chef cookbooks for creating the QA, UAT environment.
- Worked on writing the recipes for creating the AWS EC2 instances.
- Worked on writing the recipes for creating the VM's in vCenter.
- Worked on maintain the jobs in Jenkins for CI process.
- Configuration and administration of **LDAP**, **NFS** in Linux and also implemented **Samba** for sharing of resources between Linux and Windows environments.
- Implemented microthreads by stackless python
- Stopped Email spanning by DNSBL (Black list)
- Worked as **Devops** coordinator with Linux,Apache,MySQL.
- Experienced in automation the deployment of applications inside Linux Containers by Dockers
- Installed and configured **VMware ESX server instances** for virtual server setup and deployment. Responsible for creating **VMware** virtual guests running **Solaris**, **Linux**, **Windows**.
- Using **rsyslog** & **mysql**, deployed a custom syslog reporting solution for system alerts and notifications.
- Observed the performance of various Linux storage systems by SAR
- Extensively used **LVM**, creating Volume Groups, Logical volumes, and disk mirroring.
- Deployed **RedHat** Satellite Server with custom repositories to provide a stable management solution for the Linux environment.
- Experience with **Jumpstart & Kickstart** Installations on **Solaris & Linux**
- Installed, maintained and fine-tuned the **Apache-Tomcat server** and **WebSphere** Application Server in Linux Platform
- Responsible for the design and installation of a mixed computation and storage HPC cluster with 0.8 Petabytes of storage
- Wrote various scripts such as Netscaler configuration generator, monitoring aggregator, and others to improve team efficiency by **Perl** and **Ruby**
- Created **Bash/Korn shell** scripts to monitor system resources and system maintenance.
- Wrote **Perl** and Python scripts to generate statistics and monitor processes.
- Deployed Active/Active MySQL clusters using **RedHat** Cluster Suite for supporting internal applications built on the LAMP stack.
- Used **SRDF** software for remote replication in mission critical environments
- Monitored various VPS instance in the cloud by Zenoss
- Designing and implementing fully automated server build, management, monitoring and deployment solutions spanning multiple **Devop** tools and technologies including **Jenkins**



Nodes/Agents, Puppet, SSH, VMWare ESX, Xen, Amazon EC2, and automating Apple iOS and Google Android build, packaging, deployment and testing

- Pseudostreaming via nginx module Complementary PHP scripting to support statistics SEO
- Automated system management tasks like user account creation, file system size monitoring, monitor system resources and system maintenance using **Shell**, and **Perl** scripts.
- Full stack deployment (primarily nginx, some Apache), as well as a lot of experience with architecture planning for my clients.
- Installed, configured & upgraded **WebSphere** and provided extensive support in code deploy, change management and application level troubleshooting for the **Dev, Test, Pre-Prod & Production environment. Deployed applications (EAR/WAR) files on multiple Servers/Clusters** and maintained Load balancing.

**Environment:** Red Hat Enterprise Linux 4.x,5.x, Ubuntu,Centos,JEE, Jenkins, JIRA, OpenStack, Maven, GIT, ANT, Puppet, AWS, Python, Remedy, Unix Shell Scripting, VSphere 5.X.

**Client:** URS ,NC  
**Linux SYSTEM Engineer**

**OCT 2010 – MAY 2013**

**Responsibilities:**

- Patching of **RHEL5 and Solaris 8, 9, 10 and 11** servers for **EMC Powerpath**
- Expertise in installing, configuring and troubleshooting Suse Linux Sles 10/11 and Windows 2003/2008 on HS20, HS21 and HS22 servers in IBM BladeCenter.
- Capacity and Logical Volume Management (LVM2) experience (as well as standard filesystem experience) on RHEL AS 5.1/4.8 and SuSE Linux enterprise 10.0/9.0
- Configured LVM (**Logical Volume Manager**) to manage volume group, logical and physical partitions and importing new physical volumes.
- Experience with Active Directory and federation/authentication technologies
- **Documented** the standard procedure for installation and deployment of VMAX Migration and logical volume manager.
- Deployed Puppet for automated management of machine configurations.
- Planned for, tested, and then managed the upgrade of our **puppet** infrastructure from 0.25.5 to 2.6.6. After the upgrade was complete, refactored many of our existing manifests to take advantage of parameterized classes to simplify the management of our configurations. Implemented a custom run-stage to ensure all yum repository configuration was done before proceeding with any application installation or configuration.
- Front-line support for users with variable HPC background and unique needs
- Automate distributed systems and heterogeneous computing environments by HP cloud service automation.(CSA)
- **Installation, configuration, support and security implementation on following services: DHCP, SSH, SCP.**
- Configuration and administration of **NFS and Samba** in Linux and Solaris.
- Installation in the patches, Hardware and Software servers
- Maintained and monitored all of company\'s servers\' operating system and application patch level, disk space and memory usage, user activities on day-to-day basis.
- Worked as **Devops** coordinator (Linux, Zabbix, PHP, Apache, Nginx, MySQL) ,2.5 millions real web users per month, agile in-house development, large-scale web services with high

availability • and responsibility for the server availability, monitoring (Zabbix) and improvements of (physical, virtual) servers

- Experience in nginx configuration/deployment/integration/architecture
- Installations of **HP Open view**, monitoring tool, in more than 300 servers.
- Attended calls related to customer queries and complaints, offered solutions to them.
- Worked with **monitoring tools such as Nagios and HP Openview**.
- Creation of VMs, cloning and migrations of the VMs on **VMware vSphere 4.0**.
- Worked with DBA team for database performance issues, network related issue on Linux / Unix Servers and with vendors for hardware related issues.
- Expanded file system using **Solaris Volume Manager (SVM)** in the fly in Solaris boxes.
- Managed and upgraded UNIX's server services such as Bind DNS.
- Developed daemon to report and graph incoming sessions across load-balancing layer (Perl)
- Configuration and administration of **Web (Apache), DHCP and FTP** Servers in Linux and Solaris servers.
- Established continuous integration (CI) practices and standards for the UFTWF. Set up Jenkins server and build jobs to provide continuous automated builds based on polling the Git source control system during the day and periodic scheduled builds overnight to support development needs using **Jenkins**, Git, JUnit, Selenium and Maven.
- Supported the backup environments running **VERITAS Net Backup 6.5**.
- Responsible for setting **cron jobs** on the servers.
- Decommissioning of the old servers and keeping track of decommissioned and new servers using inventory list.
- Part of the team that developed and maintained in-house system configuration and other software(Perl and Ruby)
- Handling problems or requirements as per the ticket (Request Tracker) created.
- Participated in on-call rotation to provide 24X7 technical supports.
- Configuration and troubleshooting - **LAN and TCP/IP issues**.

**Environment:** Red Hat Enterprise Linux 4.x, 5.x, Ubuntu, Centos , SUSE Enterprise Linux 8.0, JEE, Sun Solaris 8, 9, 10, HP Blade, VERITAS Jenkins, JIRA, OpenStack, Maven, GIT, Nagios, Puppet, AWS, Python, Remedy, Unix Shell Scripting.

**NETXCELL, INDIA**  
**Unix System administrator**

**July 2008 – AUG 2010**

**Responsibilities:**

- Responsible for supporting Linux servers for production, development and testing.
- Installing, Configuring and Maintaining the **DHCP, DNS, NFS** and 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**.

- Enabled the more agile development environment, and manage resources by Dockers
- Performed administrative tasks such as system startup/shutdown, backups, Printing, Documentation, User Management, Security, Network management, configuration of dumb terminals.
- Performing extensive Logical Volume Management (LVM) tasks.
- Open-source development, including code contributions to Bcfg2, MUNGE, pdsh, SLURM, VMware Ruby .
- Troubleshooting backup and restore problems and performed day-to-day trouble shooting for the end users on **Solaris** and **Linux** based servers.
- Develop, Maintain, update various scripts for services (start, stop, restart, recycle, cron jobs) UNIX based shell, Perl.
- Configured and maintained **NFS** servers on **Linux**.
- Setting up **Oracle 8 server in Linux/Unix** environment.

**Environment:** Linux (RedHat Enterprise, CentOS), Centos, Windows 2003, HP, IBM, Solaris, SLURM, Oracle 8, SSH Gate, Cisco routers/switches, Dell 6400, 1250, Sun E450, E250.