**Srinuvasula Reddy**

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About 9+ years of experience as a Build/Release/Deployment/Operations (DevOps) engineer with a strong background in Linux/Unix Administration and best practices of SDLC methodologies like Agile, Scrum, Waterfall, and DevOps/Cloud processes.

* Managed Linux and Windows virtual servers on AWS EC2 using Chef Server. Configured and monitored distributed and multi-platform servers using chef. Excellent at defining Chef Server and workstation to manage and configure nodes. Developed Chef Cookbooks to manage systems configuration.
* Strong experience in core AWS services (S3, EC2, ELB, EBS, Route53, VPC, Auto scaling etc.) and deployment services (Elastic Beanstalk, OpsWorks and Cloud Formation) and security practices (IAM, Cloudwatch and Cloud trail).
* Worked with AWS Elastic Beanstalk for deploying, provisioning, load balancing, auto scaling applications.
* Created customized AWS Identity and Access Management (IAM) polices for various AWS resources to have required accessibility to required resources.
* Experience in building Docker images, running Docker containers, managing containers and pulling base images from Docker registry.
* Designed, developed and deployed applications on to several cloud based solutions using configuration Management tools like **Chef, Puppet, Ansible and SaltStack**.
* Experience in using configuration management tools like **Puppet/Ansible/ Chef** and knowledge on **SaltStack**.
* Strong Knowledge in understanding the principles and best practices of Software Configuration Management (SCM) in Agile/Scrum methodologies.
* Strong Knowledge on Integrated internal Applications, SAAS based applications using **SAML 2.0, SAML 1.1, WSFED** and **OAuth 2.0**.
* Exposed to all aspects of software development life cycle (**SDLC**) such as Analysis, Planning, Developing, Testing and implementing and Post-production analysis of the projects.
* Integrate and implement a complete cloud services framework (**IaaS, PaaS, and SaaS**) and cloud deployment model (**private, public**, and **hybrid**).
* Experience in managing AWS VPC (Virtual Private Cloud) environment with around 200+ Linux and Ubuntu instances.
* Entailed setting up Saltstack to run with AWS and Google Cloud.
* Excelled on creating AMI (AWS Machine Images) that utilizes ELB (Elastic Load Balancer) and Auto Scaling. That Auto Scaling fired up new resources those will by default bootstrapped with the Chef-Server.
* Have experience with AWS LAMBDA which runs the code with response of events.
* Have experience with Serverless/PaaS technologies (API Gateway, Lambda, Dynamo, S3, etc.).
* Built micro services using API gateway.
* Experience on installation, configuration and maintenance **Redhat, CentOS** and **Ubuntu** at multiple Data Centers.
* Working with SCM, SVN, GIT and Maven including branching and merging strategies.
* Knowledge on installing and configuring of Red Hat Linux 4/5/6/7 operating systems.
* Configured security and system in Jenkins, added multiple nodes to Jenkins and configured SSH for continuous deployments.
* Experience in using protocols like HTTP, SSL, DHCP, DNS, LDAP and assisted developers in troubleshooting.
* Experience as a Build and Release engineering in automating, building, deploying, and releasing of code from one environment to another environment.
* Experience in puppet as Configuration management tool, to automate repetitive tasks, quickly deploy critical applications, and proactively manage change.
* Experience in migrating source code repositories from between various version control systems like SVN to Git.
* Working knowledge of monitoring tools and frameworks such as Splunk, ELK, Zabbix, Influx DB, Prometheus, SysDig, Data Dog, AppDynamics, New Relic, Nagios.
* Used Jira, Remedy and IBM clear quest as bug and issue tracking tools.
* Used SonarQube for code coverage and several other tools for testing like the builds like Selenium, HP QTP, JMeter to detect possibilities for early build failures.
* Worked on Database like Cassandra, PostgreSQL, MySQL.
* Experience in working on Linux operating systems such as CentOS, Red Hat, Ubuntu, Debian.
* Extensive knowledge on scripting languages like Ruby, Python, Perl, Shell and Bash.

**Technical Skills:**

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| --- | --- |
| **Domain Experience** | Linux Administration, AWS-cloud, Build & Deployment, Continuous Integration, Data Base Management Systems, Java IDE, SQL Tools. |
| **Continuous Integration**  **Tools** | ANT, MAVEN, JENKINS, PUPPET, CHEF, SQL Tools,Github, SaltStack, Sub Version |
| **Operating Systems** | Linux Redhat - EL 5.x, 6.x, Ubuntu – 9.10, 14.04,Unix, Windows – NT/98/2003/2007/XP/VISTA/7 |
| **Programming Languages** | C, XML, Shell Scripting, Python, Perl, Ruby, Java, SQL, Frame works, Java Servlet Pages, Java Script, PL/SQL, HTML5. |
| **Cloud** | AWS EC2, VPC, ELB, IAM, SNS, RDS, EBS, Cloud Watch, Cloud Formation AWS Config, AWS Workspace, S3. |
| **Application Server** | Apache Web Server on Windows/Linux, Mysql server,Oracle ,WebLogic, JBoss, Apache Tomcat, smtp setup. |

**Professional Experience**

**AWS DevOps Engineer**

**United Health Group – Dallas, TX.**

**November 2017 to Present**

**Project Description** :This application is designed to handle different intake modules .This project deals with all major intake of drugs which includes Order entry process, Intake, interpretation, and data entry, Fill process (e.g., select appropriate product, apply special handling requirements, measure, and prepare product for final check), Labeling requirements (e.g., auxiliary and warning labels, expiration date, patient specific information), Packaging requirements (e.g., type of bags, syringes, glass, PVC, child resistant, light resistant), Dispensing process (e.g., validation, documentation and distribution).

**Responsibilities**:

* Created and Maintained Cloud Servers by using Amazon **EC2** instance and deployed Tomcat configuration file using **Chef** cookbooks.
* Created Cloud Formation template stacks to automate for building new environment including **EC2, ELBs** and **VPCs** using JSON files.
* Created and Maintained a private sub-section of **AWS** by using **VPC** and moved all AWS resources such as **EC2** instance, Database and **S3** bucket into this sub-section.
* Launching Amazon **EC2 Cloud Instances** using Amazon Web Services (**RHEL 7**) and Configuring launched instances with respect to specific applications.
* experience in automation, configuration and deployment on Cloud environments, Identifying and Selecting services in AWS Cloud Infrastructure such as **IAAS**, **PAAS** and **SAAS**.
* Created **S3 bucket** and managed objects in the bucket (objects lifecycle), bucket permissions, Created and maintained NoSQL database (**Dynamo DB**) for scaling efficiently in the cloud.
* Worked with AWS SDK BOTO for python to work with AWS services like S3 bucket.
* Used **IAM** for managing users and their access to **AWS** accounts and services by creating IAM roles and policies.
* Created alarms and trigger points in **Cloud Watch** based on threshold and monitored server's performance, CPU utilization and Disk usage.
* Used **AWS(CLI)** command line interface for managing AWS services and resources.
* Managing the code migration from **TFS, CVS** and Star team to Subversion repository.
* Created **CVS** repositories according the structure required with branches, tags and trunks.
* Used **Vagrant** as a virtualization tool to configure work environments which are easily reproducible and portable.
* Enabling customers to better manage software development, deployments and infrastructure with tools such as **Chef, Jenkins, GitHub** and **SaltStack**.
* Entailed setting up Saltstack to run with AWS and **Google Cloud**.
* Involved in Upgrade of **Bamboo** & **Artifactory** Server.
* Build consumer-facing app projects, leveraging **Azure** App Services to build back-end data stores with Create, Read, Update, Delete operations.
* Expertise in Installation, configuration, maintenance and troubleshooting of Windows Servers, Hyper-V Virtual Machines and **Microsoft Azure** instances.
* Create resources in **Azure** for internal projects: **SQL Servers, SQL Databases, App Services, Microservices** and Storage Accounts.
* Knowledge in syncing On-premises Windows Server Active Directory to **Azure AD(AAD)** using **Azure AD** connect.
* Develop plan and migrate servers, relational databases (sql) and websites to **Microsoft azure** cloud.
* Experience with version control systems like **GIT, SVN, Bitbucket**.
* Implemented automated local user provisioning in instances created in **OpenStack** cloud through **Chef** Recipes.
* Involved in the automated deployment of **OpenStack** Clouds in data centers and availability zones.
* Configured local **Maven** repositories and multi-component **Ant** projects with **Nexus** repositories and scheduled projects in **Jenkins** for continuous integration.
* Setup and management of **Openshift3.4** environment and responsible for the expansion to support a scalable environment.
* Increase application availability by controlling platform ecosystem **DNS** with **openshift3.4** and running web applications on multiple endpoints.
* Worked in provisioning and managing multi-tenant **Hadoop clusters** on public cloud environment - Amazon Web Services (**AWS**) and on private cloud infrastructure - Open stack cloud platform.
* Work with software development team to investigate problems and make changes to the **Hadoop** environment and associated applications.
* Collaborated with development team for creating **Docker/Kubernetes** containers for each micro-service and installed all required dependencies for each container.
* Build web applications in these **Docker** containers by using **JavaScript, HTML, CSS** and **PHP**.
* Added user validations and user permissions by using the **Node.JS**.
* With the help of development support team Worked with **Git** and **SVN** for source/version control to save and manage the revisions in a repository as well as to manage the source code.
* Written **Shell** Script to automate the Continuous Integration and Continuous Delivery pipeline by using CI tools like Jenkins and TeamCity.
* Worked on Database like Cassandra, PostgreSQL, MySQL.
* Worked with Continuous Integration server by using tools like **TeamCity** and **Jenkins**.
* Improved the Configuration Management Infrastructure using distributed **TeamCity** Agents, **Git**. The new Infrastructure has reduced the build and deployment times by 80% since every build is running on a specific virtual machine. Every **Team City** agent virtual machine can be reproduced using Puppet deployments.
* Deploy website updates utilizing **Octopus Deploy**, Windows Explorer and Remote Desktop Connection (RDP) and assign folder permissions in both staging and production environments.
* **ANT** and **Maven** build tools are used in Continuous Integration process for building Java based applications using Jenkins.
* Integrated Urban Code Deploy to **Jenkins** for deploying build application to various environments like QA, DEV, PROD.
* Performed various DBA activities on **MongoDB**cluster like installation of**MongoDB** config and replica software, patches installation on top of **Hadoop** eco system.
* Experience in Implementation of Continuous Integration and Continuous Delivery and other tooling as needed to support internal and customer development efforts to customize and enhance **OpenStack**.
* Implemented automated local user provisioning in instances created in **OpenStack**cloud through **Ansible** Play books.
* Integrated Quality testing and Security testing tools into CI process by using Selenium.
* Automated the process of deploying these application builds to various environments or server's by using Configuration Management tools like **Puppet** modules and **Chef** cookbooks (written in Ruby), Used **Ansible** playbooks (written in **Python**) for provisioning and orchestrating.
* Worked with **AWS Elastic Beanstalk** for deploying, provisioning, load balancing, auto scaling applications.
* Monitored builds and deployments to ensure that failed builds or deployments are addressed in a timely manner using AppDynamics along with **Nagios** or **Splunk**.
* For monitoring production health used tools like **Splunk, AppDynamics** and for networking issues used **Nagios**.
* Implemented an Infrastructure as code strategy to environment builds using **Terraform, Cloud formation** and **Ansible**.
* Worked on common networking protocols and troubleshooting traffic patterns across various layers of infrastructure (e.g., **HTTP, TCP, IP, SSH, FTP, SMTP, DNS, LDAP**), **load balancer**, **firewall, storage, web server, app** servers.
* Understanding of service-oriented architecture (**REST APIs, micro-services**, etc.) and developed code to make API calls.
* Handled production support issues as they arise and participated in a 24/7 on-call rotation.
* Used **Jira** as an Issue tracking tool.

**Environment**: AWS EC2, Google Cloud, IAM, S3, SaaS, PaaS, VPC, Dynamo DB, Node.js, Bamboo, Cloud Watch, Vagrant, Docker, Git/SVN, Jenkins, CVS, BitBucket, TeamCity, Octopus Deploy, Bitbucket, ANT, Maven, Selenium, SaltStack, SonarQube, Puppet, Chef, Ansible, MongoDB, Cassandra, MYSQL, PostGRE SQL, App Dynamics, Splunk, Hadoop Infrastructure, Nagios, Jira, Open Shift.

**AWS/ DevOps Engineer**

**Equifax– Alpharetta, Georgia.**

**October 2016 to October 2017**

**Project Description:** The project application is about a Web-based laboratory information management (LIMS) system that lets users to manage the sample lifecycle, optimize laboratory executions, perform data retrievals, interface Working on multiple AWS services in integration with Cloud Watch, Lambda, ELB and Auto-Scaling.

**Responsibilities**:

* Launching Amazon **EC2 Cloud Instances** using Amazon Web Services (Linux/Cent OS/Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
* Repeatedly worked on **AWS Cloud platform** and its features which include **EC2, VPC, AMI, RDS, SES, S3, Route53, IAM, LDAP, Cloud Formation, Cloud Front,** and **Cloud Watch**.
* Entailed setting up Saltstack to run with AWS and **Google Cloud**.
* Experienced in Provisioning of **PAAS** &**SAAS** Virtual Machines and Web\Worker roles on **Microsoft Azure** Classic.
* Installed and supported the Clear Case and Multi-Site tools for the entire group.
* Branching, Tagging, Release Activities on Version Control Tool **GIT**.
* Successfully managed multiple build pipelines from Dev through to Prod on **GIT, SVN** and **CVS** Source Control Management tools on various Operating Systems.
* Experience in using **GIT** and Rational Clear case on **Ubuntu** and Windows environment.
* Worked with a version control called Arti Factory to control binary artifacts.
* Experiencing in using Jenkins tool for Continuous Integration and Continuous Deployment.
* Worked on **RPM** and **YUM** package installations, patch and other server management.
* Application Deployments & Environment configuration using **Chef**.
* Developed builds using **ANT** and Migrated to **MAVEN** as the build tools for the creation of the build artifacts like war or ear files.
* Setup and management of **Openshift3.4** environment and responsible for the expansion to support a scalable environment.
* Increase application availability by controlling platform ecosystem **DNS** with **openshift3.4** and running web applications on multiple endpoints.
* Integrated **IBM** Urban Code Deploy to **Jenkins** for deploying build application to various environments like QA, DEV, PROD.
* Worked on SCM tools **Git, SVN, BitBucket** and Tested **Ansible** playbooks on **Docker** hosts.
* Implemented an Infrastructure as code strategy to environment builds using **Terraform, Cloud formation** and **Ansible**.
* Wrote Docker images for **Bamboo, Nexus** and various.
* Designed and Developed **Bamboo** Build deployments on **Docker** containers.
* Worked with Atlassian tools like **Bamboo**& **Jira**.
* Automated the process of deploying JavaScript, PHP and Databases like **MySQL, PostgreSQL** to remotely located **EC2** servers by using Chef cookbooks.
* Expertise in **Centos**, **Red Hat Centos** / **RHEL** backup/restore with tar including disk partitioning and formatting.
* Servers are configured & managed by using **Chef/Puppet** and System orchestration is done using **Ansible**.
* Developed **Chef** Recipes to configure, deploy and maintain software components of the existing infrastructure.
* Worked in setting up **Chef** Infrastructure, **Chef-repo** and Bootstrapping chef nodes.
* Written **Chef** Cookbooks for various DB configurations to modularize & optimize product configuration.
* Deployed the **Java**, **HTML** application into web application servers like **Apache, Tomcat**.
* Worked with build tool **Maven** to complete the development in a shortest period.
* Written and implemented **Perl** script to modify **LDAP** database.
* Experienced in deployment of applications on Apache Webserver, **Nginx** and Application Servers such as **Tomcat**.
* Designed and created multiple deployment strategies using **CI/CD** Pipelines and configuration management tools with remote execution to ensure zero downtime and shortened deployment cycles via automated deployments.
* Created automation and deployment templates for relational and **NOSQL** databases.
* Worked on Database like Cassandra, PostgreSQL, MySQL.
* Responsible to install and run **Mongo DB** with multiple instances on servers to store data in file format.
* Setting up **Jenkins**, Circle **CI** Continuous Integration builds for all releases on windows and Linux.
* Virtualized the servers using the **Docker** for the test environments and dev-environments needs. And also configuration automation using Docker containers.
* Created scripts in **Python** which integrated with **Amazon API** to control instance operations.
* Implemented unit testing framework driven using **JUnit** and **Cucumber** Set up **Jenkins** master/slave to distribute builds on salve nodes.
* Collaborated with development team to troubleshot and resolve issues.

**Environment**: AWS Services, Google Cloud, Azure, SaaS, PaaS, OpenShift, Chef, No SQL, Cassandra, CVS repository, MYSQL, Postgre SQL, NetScaler, CI&CD automation, GIT, Jenkins/Udeploy, Artifactory, Cent OS, Ubuntu, Bamboo, Nginx, Bitbucket, Maven, RPM, YUM, Docker, Apache Tomcat, JBoss, JUnit, Shell, Python, PHP, Ruby.

**DevOps Engineer**

**Carters - Atlanta, GA**

**April 2014 to September 2016**

**Responsibilities:**

* Designed, Installed and Implemented **Ansible** configuration management system.
* Used **Ansible** to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
* Developed Build using **MAVEN** as build tool and used CI tools to move builds from one environment to other environments.
* Launching **Amazon EC2** Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
* Experience working on Clusterization and Containerization with **PaaS, SaaS** and cloud platforms.
* Maintained Chef and Puppet servers and management application that can use Service Now (CI) data to bring computers into a desired state by managing files, services, or packages installed on physical or virtual machines.
* Wrote Ruby Scripts, Python Scripts, Perl Scripts, Shell Scripts to deploy the java based packages like ear and war on the WebLogic App server.
* Responsible for the new and existing administration of **Hadoop infrastructure**.
* Heavy scripting in ruby and bash to build highly available server environments for teams deploying core products and services. Using **AWS** SDK built tools that automated **AWS** server provisioning, automated application deployments, and implemented basic failover between regions.
* Deployed and administered virtualized Linux infrastructure on **Amazon AWS**, and Rackspace Cloud. Built custom scripts, workers and clients utilizing **AWS** SDK to manipulate **Amazon EC2** and S3 resources.
* Server configuration management via **Puppet** or **Chef** or Ansible and System orchestration via Ansible.
* Created plan and deploy **Nagios** monitoring server environment.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
* Installed and administered **CVS**repository to deploy the artifacts generated by Maven and to store the dependent jars which are used during the build.
* Responsible for designing and deploying best **SCM** processes and procedures.
* Used **Puppet** to automate Configuration management & Applications.
* Used Puppet to manage Web Applications, Config Files, Data Base, Commands, Users Mount Points, Packages.
* Maintained high availability clustered and standalone server environments and refined automation components with scripting and configuration management (Ansible).
* Worked on Vagrant for configure lightweight, reproducible, and portable development environments
* Configured **Elastic Load Balancers** with **EC2** auto scaling groups.
* Involved in DevOps processes for build and deploy systems.
* Dealt with errors in pom.xml file to obtain appropriate builds using **maven** build tool.
* Experience in Administering **Git / GitHub** in Distributed Environments.
* Creation of SSL and Digital Certificates for requesting, generating and implementation for the communication between clients and web servers.
* Writing scripting in various languages like **Python, Ruby** and **PowerShell** Script and JavaScript.
* Configure and manage **Sonatype Nexus, Atlassian Stash, Jenkins, SonarQube** and **Apache Tomcat**.
* Working with build tools Maven, Ant to create builds as per projects requirements and maintaining uniformity.
* Developing pom.xml files for **Maven** build scripts.
* Scripting in multiple languages on Linux, Shell scripting, python scripting etc.
* Configure and Supporting monitor tools like **Splunk**.
* Communication with team members for both Ansible Core and Ansible Tower teams to clarify requirements and overcome obstacles.
* Defined dependencies and plugins in Maven pom.xml for various activities and integrated Maven with GIT to manage and deploy project related tags.
* Worked with Custom AMI's, created **AMI tags**, modified AMI permissions.
* Worked on installation of Docker using **Docker** toolbox.
* •Worked on creation of custom Docker container images, tagging and pushing the images.
* Worked on creating the Docker containers and Docker consoles for managing the application life cycle**.**

**Environment:** Ansible, Puppet, Hadoop Infrastructure, Sonarqube, AWS, PaaS, SaaS, Chef, Docker, GIT, SVN, Maven, ANT, Docker, TeamCity, Jenkins, Apache Webserver, JIRA, Atlassian Stash, SuSE Linux, Windows, Python, Perl, PowerShell, uDeploy**.**

**Build and Release Engineer**

**BCBS – Austin, TX**

**July 2012 to February 2014**

**Responsibilities**:

* Performed software configuration/release management activities for different Java and .NET applications.
* Worked closely with developers to pinpoint and provide early warnings of common build failures.
* Experienced in Software Development Life-Cycle, Incident, Problem, Change, and Release Management practices.
* Designed and implemented Continuous Integration process and Continuous Delivery pipeline by collaborating with Development team.
* Responsible for design and maintenance of the **SVN/GIT/TFS** Repositories, views, and the access control strategies. Involved in periodic archiving and storage of the source code for disaster recovery.
* Used **Apache Maven** build automation tool for Java projects for the development of build artifacts and Automated the build and release management process using Jenkins including monitoring changes between releases.
* Configured **Atlassian Bamboo** for building .NET applications and integrated with tools like **Jira, Bitbucket, Stash** and Confluence.
* Used **MSBuild, NUnit, SonarQube, PowerShell** along with **Octopus** Deploy to deploy **ASP.NET** applications and Windows Services into test, staging and production environments.
* Administered and maintained source code repositories using **Git** and **Bitbucket**.
* Deployed several .NET applications, IIS, SQL Server, App Services to cloud provided servers like **AWS** and **Azure** by using **Puppet** modules.
* Deployed Java based applications to cloud or remote servers by using **Ansible** playbooks, Used as an agentless configuration management tool.
* Deployed and Maintained several web and application based server's like **Nginx, Apache, JBoss, WebLogic, IIS** by using **Puppet** modules.
* Used **AWS Cloud Watch**, **Nagios** as a performance monitoring and analytics tools.
* Worked with Application Performance Monitoring tools like AppDynamics for monitoring **JAVA, .NET** and **PHP** applications along with NewRelic for monitoring performance like browser and for tracking issues in SQL statements.
* Maintained a continuous deployment on a cloud infrastructure with zero downtime production environment. Worked with Azure and its API, Azure Virtual Networks, Azure security.
* Experience with scripting languages like **PowerShell, bash** to automate **Azure** infrastructure deployment, maintenance and monitoring, restoring in emergency.
* Imported and managed multiple corporate applications in Subversion (**SVN**).
* Provided end-user training for all Subversion (**SVN**) users to effectively use the tool.
* Worked as a system administrator for the build and deployments process on the enterprise server.
* Documented project's software release management procedures with input decisions. Developed, maintained, and distributed release notes for each scheduled release.
* Provided periodic feedback of status and scheduling issues to the management.
* Kept track of all the releases and request of the developers through Infrastructure Management Tool.

**Environment**: AWS, Azure, TFS, Cloud Watch, Nagios, Graphite, PowerShell, bash, Nginx, Apache, JBoss, WebLogic, IIS, Octopus Deploy, Sonarqube, Bitbucket, Bamboo, SVN, Jenkins, Puppet, Chef, NewRelic, AppDynamics.

**Linux/Unix Administrator**

**RICOH - Menlo Park, CA**

**November 2010 to June 2012**

**Responsibilities**:

* Installation, Maintenance, Administration and troubleshooting of Linux, windows servers.
* Installation, configuration and upgrade of red hat Linux4/5//6, CentOS4/5, SUSE10/11, Ubuntu (8.04, 9.04&10.04), and AIX (V5.3, 6.1) Operating system.
* Performed automated installations of Operating System using kick start for Linux.
* Installing and configuring services such as **Apache, DNS, SMTP, HTTPD, NTP, DHCP** and supporting them on Linux production servers.
* Hands on experienced with **SOAP, REST**.
* Performing RPM and YUM package installations, patch and other server management.
* Participate in performance walkthroughs and reviews.
* Experience in configuring, installing, working with HP Rack/Blade Server.
* Performed testing using **PHPSpec** and **PHPUnit**.
* Troubleshooting Linux network, security related issues, capturing packets using tools such as IP tables.
* Extensively worked on LVM and extended the logical volumes.
* Maintained all the Red hat servers entitled with the latest subscriptions.
* Perform error analysis and recovery, documentation and procedures required for reference.
* Log all scheduled/unscheduled system activities and problems.
* Monitored the systems CPU, memory, **IDE/SCSI disks, disk controllers, RAID**, and network parameters using the tools NAGIOS monitoring system.
* Worked on high availability servers - **load balancing** and **clustering**.
* Worked with Virtualization software (Xen).
* Worked with Network Attached Storage devices and **RAID** technology.
* Worked with NetBackup.

**Environment**: RedHat Enterprise Linux 4/5/6, SuSe Linux SP10, Ubuntu 10.04 server, Windows 2003, SOAP, REST, 1Samba, NFS, SSH, Apache.

**Linux Administrator**

**BELK- MILWAUKEE, WI**

**May 2009 to October 2010**

Responsibilities:

* Administered, maintained **Red Hat 3.0, 4.0, 5.0**, AS, ES, Troubleshooting Hardware, Operating System Application & Network problems and performance issues.
* Experienced in implementing and configuring network services such as **HTTP, DHCP,** and **TFTP**.
* Installed and configured **DHCP, DNS (BIND, MS),** web (**Apache, IIS**), mail (**SMTP, IMAP, POP3**), and file servers on Linux servers.
* Administered Linux servers for several functions including managing Apache/Tomcat server, mail server, **MySQL** databases in both development and production.
* Experienced working with Preload Assist and PICS projects.
* Installing and setting up **Oracle9i** on Linux for the development team.
* Linux kernel, memory upgrades and swaps area.
* Created users and managed user permissions, maintained User & File System quota on Red hat Linux.
* Bash shell-scripts to automate routine activities.
* Migrated database applications from Windows 2000 Server to Linux server.
* Monitored trouble ticket queue to attend user and system calls.
* Updated data in inventory management package for Software and Hardware products.
* Worked with DBAs on installation of **RDBMS** database, restoration and log generation.
* Diagnosed hardware and software problems and provided solution to them.

Environment: Red Hat Linux 3.0,4.0,5.0 AS ES, HP-DL585, Oracle 9i/10g, VMware Tomcat 3.x,4.x,5.x, Apache Server 1.x,2.x, Bash.