**Srikanth Kamsali**

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**ONLY C2C**

**Willing to go DAY 1 ONSITE across USA**

**H1b**

**PROFESSIONAL SYNOPSIS**

* 10 years of experience in **IT** industry comprising **Automation**, **Linux Administration, Software Configuration, Build** and **Release Management, Production Support, Deployment Automation**, **Amazon Web Services, Azure,** and **OpenShift implementation**.
* In-depth experience with **OpenShift** and Amazon Cloud Services, **(AWS** **EC2, S3, EBS, ELB, Cloud Watch, Elastic IP, RDS, SNS, SQS, IAM, VPC, Cloud Formation, Route53)** and **managing security groups on AWS.**
* **Experience with messaging and queuing systems (RabbitMQ, AWS MQ, AWS MSK, AWS SQS and AWS SNS)**
* Experience on technologies and platforms including **JAVA**, **Node.js**, **Jenkins**, **Subversion**, **Git**, **GitLab** **Unix/Linux**, windows server, **Docker**, **Ansible**, **Azure**, **OpenShift, GCP,** **AWS**, across Merchandise, Retail, Financial and Healthcare sectors.
* Interacted with **Business Analysts to retrieve requirements**, interacted with users for **production support** on site and remotely.
* **Communicate** workarounds to be followed **to L1 and L2** till the issue/work order gets.
* Experience in working and managing configuration management tools like **Puppet** and **Ansible**.
* Provided **24/7** on-call support for **production, strong team player, good analytical skills**.
* Implemented Continuous Delivery framework using **Ansible, Jenkins**, Docker, and Kubernetesin **AWS/GCP**/**Linux/OpenShift** environment.
* Proficient in using Build Automation tools like **ANT, Maven, Gradle** and working knowledge on other build tools like make file.
* Performed automation tasks on various **Docker** components like **Docker Hub, Docker Engine, Docker Machine, Compose** and **Docker Registry.**
* Implemented Continuous Integration and deployment using various **CI** Tools like **Jenkins, Harness, GitLab pipelines**.
* Extensively worked on **Kubernetes, Docker, OpenShift and Jenkins** for continuous integration and for End-to-End automation for all build and deployments.
* Experience in administrating, deploying, and managing **RedHat, Ubuntu** and **CentOS** servers.
* Proficient knowledge in **Groovy Scripting, Shell Scripting, SQL**, build utilities like open make, **ANT,** and Cruise Control.
* Build **CI/CD** pipeline using **GitLab**, **Jenkins**, **OpenShift, Ansible** and **Docker**.
* Hands on experience in branching, tagging, and maintaining the version control across the environments using **SCM** tools like **GitHub**, **Gitlab, Subversion** (**SVN**) and **TFS** on Linux and windows platforms.
* Good knowledge and hands on Experience in some monitoring tools like **Splunk**, **Dynatrace, AppDynamics** etc.
* Automated setting up server infrastructure for the **DevOps projects**, using **Ansible**, **shell**, **Json/yaml** and **Cassandra scripts**.
* Experience in logging, monitoring solutions using ELK, Prometheus, Grafana and developing dashboards / metrics in Splunk, AppDynamics and Dynatrace.
* Worked with different Bug tracking tools like **JIRA, Rally, Remedy, HP Quality Center.**
* Integrated **Jenkins** with various **DevOps** tools such as **J-Frog Artifactory, Nexus, Sonar, Ansible, Docker, Kubernetes, OpenShift** etc.
* Used **OpenShift** Enterprise v2, v3, v4.X for cloud operational services.
* Design, installation, configuration, and **administration** of Linux 6 and 7 servers and support of **OpenShift** Enterprise and non-**OpenShift** support. The operation and support of **OpenShift** Enterprise and Docker Cloud services
* Extensively worked on **X Ray Artifactory** and **Nexus** Repository Managers to deploy software built through **Jenkins** Build Jobs.
* Extensive experience in **Atlassian**, ticketing and tracking tools like **JIRA, J-UNIT, RALLY** for Production **hotfixes** and **bugfixes**.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Programming Languages** | C, Java, SQL |
| **Scripting** | Shell, Bash, Groovy, Perl, Python, Power shell |
| **Versioning Tools** | SVN, GIT, GITLAB, Bitbucket |
| **Automation Tools** | Jenkins, Puppet, Ansible, Terraform, Cloud Formation, ARM templates |
| **Build Tools** | Ant, Maven, Gradle and Mobile builds |
| **Configuration Management Tools** | Chef, Puppet, Ansible |
| **Databases** | MYSQL, MSSQL, Oracle, DB2, Snowflake database and MongoDB, Cassandra |
| **Virtualization** | Docker, Kubernetes, AKS, EKS, ECS |
| **Monitoring Tools** | Splunk, LogZ, AppDynamics, Cavvisson, Dynatrace, Prometheus Grafana, CloudWatch, Nagios, New Relic |
| **Cloud Technologies** | GCP, Azure, AWS, OpenShift, Docker Containers |
| **Bug Tracking Tools** | JIRA, Rally |
| **Repository Manager** | Nexus, J-Frog Artifactory/X-Ray |
| **Web servers** | Web logic, Apache Tomcat, |
| **Operating Systems** | LINUX (RHEL 6/7), Unix, Ubuntu, Centos, Windows, Mac |

**Education:**

* Bachelor of Technology from Jawaharlal Nehru Technological University, India. 2012
* Master’s Computer Information Systems, Rivier University 2016

**PROFESSIONAL EXPERIENCE**

**Florida Blue/Jacksonville FL Mar 2020 – Present**

**DevOps Engineer/SRE**

**Roles and Responsibilities**

* Designed and built multiple **GCP** environments using infrastructure as code **Terraform** approach, **enabling a more efficient and streamlined deployment process.**
* Managed **Kubernetes** clusters on **GCP**, ensuring high availability and scalability. Provided technical support and training to team members on GCP and DevOps best practices.
* Used **Docker** for setting **Google Container Registry** with **Docker** and **Docker**-**compose** and actively involved in deployments on **Docker** using Kubernetes. Implemented **Terraform** templates to deploy the resources in **GCP**. I Used **Docker** to containerize **Microservices** in cloud and managed clusters using **Docker Swarm** and **Kubernetes**. Implemented **Docker-maven-plugin in Maven pom.xml files** to build **Docker** images for all microservices and later used **Dockerfile** to build the Docker images from the Java jar files. Created **Docker** images using a **Docker file**, worked on **Docker** container snapshots, removing images, and managing **Docker** volumes.
* Having worked on designing, deploying, and managing **AWS** infrastructure, including services **like EC2, S3, VPC, RDS, and IAM**. Created alarms and trigger points in **Cloud Watch** based on thresholds and monitored logs via metric filters. Setup Log Analysis AWS Logs to **Elastic Search** and **Kibana** and Manage Searches, Dashboards, custom mapping, and Automation of data.
* Experience with messaging and queuing systems **(RabbitMQ, AWS MQ, AWS MSK, AWS SQS and AWS SNS)**
* Managed **Kubernetes** charts using **Helm**, and Created reproducible builds of the **Kubernetes** applications, managed **Kubernetes** manifest files and managed releases of **Helm packages**.
* Extensive Usage of Configuration Management Tools Including Automation Scripting **(Using Bash/Shell, Yaml, Groovy, Python scripting**).
* **Develop** and **Integrate** mechanisms to **Deploy application code** across all environments using a wide range of **Automated** tools (**Jenkins, Terraform, GitHub, Nexus, Ansible and Consul**).
* Worked with **Terraform** for automating **AWS** **VPCs, ELBs**, **security** **groups**, **EC2**, **S3** **buckets**, and continuing to replace the rest of our infrastructure.
* Experience in managing **Ansible** Playbooks with **Ansible** roles. Used file module in **Ansible** playbook to copy and remove files on remote systems. Created inventory in **Ansible** for automating the continuous deployment and wrote playbooks using **YAML** scripting.
* Having good knowledge of **Cloud Network Security,** **Disaster Recovery**, Environmental Safeguards, Third-party **SSL** Certificates(lemur/Venafi) and Security Policies.
* Created **Change** **tickets** & involved multiple teams to **coordinate** the release activities as planned.
* Supported **Production** **release** to ensure the deploy process is a success. **Troubleshooted** prod issues by **debugging** and if needed involved **different** **teams** as required to quickly resolve issues.
* Implemented continuous integration using **Jenkins**. Configured **security** to Jenkins and added multiple nodes for continuous **deployments**.
* **Configuration** and support for underlying **infrastructure** and associated components such as **DB**, **Middleware, OpenShift, Network and Jenkins**.
* I used to deploy all the services in **OpenShift** using **Jenkins** and **Docker** to store **Docker** Images in Docker **registry**. I used **Kubernetes** to scale, manage and deploy containers in **OpenShift.** Configuredandmaintained **routes in OpenShift env**ironment in all the **namespaces.** I used to monitor the CPU memory and usage metrics in **OpenShift**.
* Implemented **blue/green** deployments to the services using OpenShift, Docker, Kubernetes, Jenkins and GitLab. Modified **Jenkinsfile** as needed to explore possibilities to Automation activities for **CICD pipeline development. I** Used Nexus as an **Artifactory** to store the **artifacts**.
* Experience in developing DevOps frameworks and **CI/CD,** Change/ Release Management solutions using Jenkins, **ServiceNow** etc.
* Experience with **planning, coordinating, creating, and managing release** plans and related tasks for deployment **micro service based** Springboot applications. Requirement analysis and preparation of Automation requirements for line of business. Creating of various build types like **Maven, Gradle, Ant, Mobile builds**.
* Complete transformation of manual approach to a Fully **Automated Build, Deployment and miscellaneous pipelines are created using Job DSL (Shell/Groovy code is used).** Used **Rally** as ticket tracking and workflow tool.
* Experience in **logging**, monitoring solutions using **ELK**, **Grafana** and **Prometheus** dashboards / metrics. Used **Kafka** as a high-performance operational monitoring data, streaming analytics, data integration, and mission-critical applications.
* **Develop** and **Integrate** mechanisms to **Deploy application code** across all environments using a wide range of Automated tools **(Jenkins, GitLab, Nexus, Ansible, and Consul).**
* Provided **On call support/ handling production runbooks/tickets** through **SMARTit**/**service now/Remedy.**
* Worked on **L2 & L3** activities related **to Java/J2EE applications**. **Troubleshoot, diagnose, and escalate customer** issues as needed. Monitored & assigned backlog incidents to team **level2 and Level3.** Respond to tickets within **service level agreement SLA** timeframes(**P1/P2/P3/P4**). Using technical **knowledge**, triage tickets and assign appropriate **engineering** or **environment** support personnel if unable to solve problem in a timely manner. Identify and **document** problem resolutions and incorporate them into a knowledgebase system called **Confluence**. Worked in Agile **SDLC** processes (**Scrum**, **Kanban**) on sprint basis.

**Environment**: Red Hat Enterprise Linux, OpenShift, shell scripting, Python, snowflake database, Azure, Maven, Dynatrace, LogZ, Cassandra, Splunk, AWS EC2, CloudWatch, Bitbucket, Agile, Scrum, Kanban, AppDynamics, GCP, GitLab, Springboot, OpenShift, MySQL, Visual Studio, CI/CD, Docker, Kubernetes, Chef, Jenkins, SharePoint, GitHub, Nexus, Rally, Jira, WebLogic, Tomcat, GIT, SVN.

**Kohl's Departmental stores/Menomonee Falls, WI Sep 2019 – Feb 2020 DevOps Engineer/SRE**

**Roles and Responsibilities**

* Played a significant role as a part of an engineering team designated to design a new platform to host applications on AWS and set up VPN tunnels from corporate network to **VPC**, also designed the **Subnets**, **Routing** and **IAM** policies in **AWS**.
* Worked on **User admin groups, maintaining accounts and monitoring system** performance using **AWS Cloud Watch and Nagios. Migrated applications from VM ware to AWS using snowball and VM import/export.**
* Managed storage in **AWS using Elastic Block Storage, S3, created Volumes** and configured **Snapshots**.
* Used **AWS Lambda** to run servers without managing them and to trigger to run code by **S3** and **SNS**.
* Good knowledge of Application Architectures in **AWS** Public Cloud and **OpenStack** Private Clouds.
* Experienced in writing **Bash, shell scripting** and **Python** scripts, Included **Boto3** to supplement automation provided by **Ansible** and **Terraform** for tasks such as encrypting **EBS** volumes backing **AMI**'s and Scheduling **Lambda functions** for routine AWS tasks.
* Scripted whole **AWS** resources using **CloudFormation** and Integrated with **Ansible** playbooks for Configuration Automation
* Experience with messaging and queuing systems **(RabbitMQ, AWS MQ, AWS MSK, AWS SQS and AWS SNS)**
* Built Infrastructure as **Code** and **Config** management pipelines using Terraform for AWS, Azure Cloud.
* Managed the security and compliance of all the users of **Ansible** and taken care of the application deployment.
* Used **Ansible** for configuring, managing **multi**-node configuration management over SSH, and PowerShell.
* Extensively worked on **Kubernetes, Docker, OpenShift and Jenkins** for continuous integration and for End-to-End automation for all build and deployments.
* Maintained **Ansible** playbooks using **Ansible** roles, **Ansible** Galaxy, utilized a combination of different module in Ansible playbook with YAML scripting to configure the files on remote servers.
* Implemented CI/CD processes using **CloudFormation** templates and **Terraform** modules and containerized the entire infrastructure using Docker setup in AWS Cloud based **micro service** environment.
* Created a **Docker file** that used the official **Jenkins Docker image** as the base and configured the steps to install the Jenkins Amazon **ECS** plugin allowing Jenkins master to auto scale worker nodes.
* Used docker-compose to bootstrap the dependencies and running tests in Cloud Build for improving reproducibility.
* Coordinating with the Client, **Onsite** and **offshore** with development and operation teams in every phase of transformation activities. Lead a team of junior team members
* Providing **technical support** to the heterogeneous environment to resolve incidents adhering to SLA’s.
* Requirement analysis and preparation of **Automation** requirements for line of business. Identify the **automation** candidates in the new engagements and adapt/reuse the Enterprise **test automation** for **implementation**.
* Experience in developing and managing **CICD** pipeline using Jenkins. Creating of various build types like **Maven, Gradle, Ant, Mobile builds.**
* Define Automation **roadmaps** to team. Work with teams to understand their needs and drive them towards **CICD**. **Migrate** major applications to **DevOps** standards.
* Develop resource allocation of computer resources to **Virtual Machines** and how they evolve over time. Complete **transformation** of manual approach to a Fully **Automated Build, Deployment and miscellaneous pipelines** created using **Job DSL** (**Groovy** code is used). Used **Jira as ticket tracking** and **workflow tool.**
* **Develop** and **Integrate** mechanisms to **Deploy application code** across all environments using a wide range of **Automated** tools (**Jenkins, GitHub, Nexus, Ansible, and YAML**).

**Environment**: Red Hat Enterprise Linux, GCP, OpenShift, Kubernetes, Atlassian, Bash, Python, shell scripting, snowflake database, Oracle SQL, Bitbucket, Cassandra, Consul, Chef Agile, LogZ, Scrum, Kanban, Ansible, Docker, SPLUNK, Jenkins, CI/CD, Azure, AWS EC2, CloudWatch. Confluence, GitLab, GitHub, Nexus, JIRA, Springboot, ServiceNow, WebLogic, MySQL, Cavvisson, Tomcat, GIT, SVN.

**Kohl's Departmental stores/Menomonee Falls, WI Jun 2018 – Aug 2019**

**DevOps engineer**

**Roles and Responsibilities**

* Manage Low level environments and data related activities for all the applications (50+) in merchandising line of business.
* Implement **CICD** pipeline as part of DevOps practice using tools like **Jenkins, GitHub, Nexus, GCP, Docker, OpenShift and Kafka.**
* We use **Ansible** templates as a configuration management tool for our **CICD** framework.
* Designing and implementing CI (Continuous Integration) system: configuring **Jenkins Servers**, **Jenkins** nodes and creating/configuring **VMs (Windows/Linux).**
* We scale up and down of **pods** in **OpenShift**. Also, we do deployments through **OpenShift** in Cloud.
* Have used **Terraform** templates for configuring **GCPVM** Instances.
* Build and deploy **QA/Stress/Production** environment applications using **Jenkins**.
* Perform patch upgrades to the **GCP VM's** to address the security vulnerabilities.
* Involve in application sanity to make sure the environment is stable, proactive problem solving and complex problem analysis.
* Converted Pom.xml into **maven** build and deployed the code through **Jenkins** in different environments **(QA, Stress& Prod)**
* Used **Nexus** as a repository management tool to upload artifacts.
* Worked on **Kubernetes, Docker, OpenShift and Jenkins** for continuous integration and for End-to-End CI/CD automation for all build and deployments.
* Experience in using Microsoft IIS **Web Server, Tomcat, JBOSS, Web logic and WebSphere** Application servers for deployment.
* Worked on creating **CICD** pipelines for migrating the current applications to micro service architecture. The architecture included **Docker** as container technology with **Kubernetes** and worked on with **REST API**.
* Extensive knowledge of leading container orchestration and infrastructure management tools (**Kubernetes**)
* We deploy all our webservices in **OpenShift Containers** where we can scale up and down the pods based on project requirement (CI, stage, UAT, prepod and prod environments)
* Managing **Groovy** and **UNIX** shell Scripts for various application-level tasks.
* Identify all the LLE servers which are not in use and initiate the plan for retirement.
* Identifying the scope of automation in the **DevOps** culture and implementing CI/CD where necessary.
* Coordinate with different teams to find the root cause analysis of issues and project deliverables.
* Migrate existing infrastructure and applications to **Cloud (GCP, AWS).**
* Used **Cavvison** for monitoring the CPU and data metrics.
* Provide support for environment booking, **build & deploy, provisioning** and readiness check activities.
* Used **Tibco** to process the messages and flow to the downstream **DB2 subsystems**. We used to restart the **Tibco** instances if necessary.
* Used to run **mainframe jobs** to the data into the application for testing purpose.
* Used MQ Configuration management tool **QPASA** to check if channels are up, queue **manager** to check the **Qdepth** and time stamp of the incoming messages.
* Good understanding of hardware, operating system, virtualization platforms and middleware components frequently used by Cloud providers (**RedHat Enterprise Linux, MS Windows Server, VMware products)**

**Environment**: Red Hat Enterprise Linux, Kubernetes, OpenShift, Python, bash, Maven, Chef, GCP, Agile, Scrum, Kanban, Ansible, Docker, Jenkins, Cassandra, Confluence, GitHub Salesforce Marketing Cloud (SFMC), shell scripting, GitLab, Nexus, JIRA, ServiceNow, CI/CD, Bitbucket, WebLogic, Cavvisson, Tibco, QPASA, SPLUNK, Tomcat, AWS, Amazon EC2, MySQL, Elastic Load Balancer, Cloud Watch, Springboot, Oracle SQL, GIT, SVN.

**Charter Communications, Denver, CO Oct 2017 – May 2018  
Build & Release/DevOps Engineer**

**Roles and Responsibilities**

* Implemented Continuous Integration using **Jenkins, Bamboo** and **GIT**.
* Integrated customized automated deployment manager tool with GitHub by changing and improvising the shell scripts previously used for **SVN**.
* Responsible for managing and maintaining the DevOps **CI/CD pipeline** using DevOps suite which includes Continuous Integration of **GitHub**, **Jenkins**, **Sonar**, **Jfrog Artifactory**.
* Developed build and deployment scripts using **ANT** and **MAVEN** as build tools in Jenkins to move from one environment to other environments that include java platforms.
* Maintained build related scripts developed in **Groovy** and Bash, shell for **Maven** builds. Created and modified build configuration files including **POM.xml**.
* Work with **Maven**/**Groovy** scripts to make changes to include/remove dependencies or copy files to stage in desired location etc.
* Maintained and managed **Ansible** Playbooks responsible for deploying Framework and other cloud tools. Worked on **Git** Flow for production Release.
* Experience in managing **Ansible** Playbooks with **Ansible** roles. Used file module in **Ansible** playbook to copy and remove files on remote systems. Created inventory in **Ansible** for automating the continuous deployment.
* Integrated **Jenkins** with various **DevOps** tools such as **Nexus, SonarQube, Puppet** etc.
* Develop **CI/CD** system using **Jenkins** with **Kubernetes architecture, OpenShift** container environment, utilizing **Docker** Images for the runtime environment for the **CI/CD** system to build, test and deploy.
* Configure and ensure connection to **RDS** database running on **MySQL** engines.
* Deployment and management of web services with **Tomcat** and **WebLogic** provided end-user straining for all **JIRA** users to effectively use the tool.
* Experience in using Microsoft **IIS Web Server, Tomcat, JBOSS, Web logic and WebSphere** Application servers for deployment.
* Installed, tested, and deployed monitoring solutions with **Splunk** services and deployment Server Topologies in **Splunk**.
* Integrating the **App Dynamics** with **Splunk** to analyze the logs in **Splunk**.
* Monitoring of J2EE-specific Application and Servers through **Nagios**.
* Build and implementation knowledge on new products and feature sets which includes **VMware** running within ESXi and **Cloud Foundry**.
* Experienced in troubleshooting and automated deployment to web and application servers like **WebSphere**, **WebLogic, JBOSS and Tomcat.**

**Environment**: Red Hat Enterprise Linux, Maven, CI/CD, OpenShift, Python, Bitbucket, UNIX, Chef, Agile, Scrum, Bash, shell scripting, Kanban, Docker, Jenkins, Jfrog, Cassandra, Splunk, Ansible, Tomcat, GitLab, AWS, Google Cloud, Oracle SQL, CI/CD, Cloud Watch, MySQL, Azure, Amazon EC2, Elastic Load Balancer, Cloud Foundry, Elastic Beanstalk, GIT, SVN.

**Morgan Stanley, Houston, TX July 2017 – Sep 2017**

**DevOps Engineer**

**Roles and Responsibilities**

* Deployed **J2EE** applications to Application servers in an agile continuous integration environment and automated the whole process. Build script using **MAVEN** build tool in **Jenkins**, Sonar for Code quality Analysis.
* Converted Pom.xml into build. Used **Maven**/**Gradle** to build the applications.
* Managed the artifacts generated by **Maven** in the **Nexus** repository.
* Involved in migration of **CI** tool stack from **SVN** to **GIT**, **Maven** to **Gradle**, Build force to Jenkins.
* Create **Jenkins** pipeline jobs for **Ansible** release process for module deployment, using **Kanban** methodology.
* **24/7** on call production support for web and J2EE-specific application.
* Implemented multi-tier application provisioning in Amazon cloud Services, integrating it with **Ansible.**
* Configured and maintained the **TeamCity** build, automation jobs and **TeamCity** daily periodic backups for **TeamCity** config and plugins files.
* Integrated **Jenkins** with various **DevOps** tools such as **Nexus, SonarQube, Puppet** etc.
* Performed daily builds using **Team city, Gradle, Ant** and **Maven**, performed Smoke tests for validating builds.
* Well versed in planning, designing, developing infrastructure automation using **puppet** and **chef**, for build and release process,
* Used **Splunk** for centralized logging and debugging.
* Experienced in Installing, Configuring and Monitoring using **NAGIOS.** Developed **GIT** hooks for the local repository, code commit and remote repository, code push functionality and on **Git Hub**.
* Deployed the Java applications into web application servers like **Web logic, Web Sphere**.

**Environment**: Red Hat Enterprise Linux, Maven, Bash, Python, Oracle SQL, Bitbucket, UNIX, Chef, Puppet, Agile, Scrum, Kanban, Jenkins, CI/CD, Nagios, Kubernetes, Kafka, Splunk, Cassandra, Tomcat, AWS, Elastic Load Balancer, Elastic Beanstalk, GIT, SVN, GITHUB, WebLogic, WebSphere.

**Cobham - Exeter, NH Jan 2017 to June 2017**

**Build & Release Engineer/Production support engineer.**

**Roles and Responsibilities:**

* Participated in the release cycle of the product, which involved environments like Development, **SIT, QA, UAT and Production.**
* Responsible for the **building** and **deploying** the **artifacts** into **DEV, SIT** and **QA** Environments.
* Used Subversion as version Control for maintaining the **versions**.
* Created **GIT configuration** record for builds using derived objects generated during build audit process.
* Perform biweekly build cycle and **testing** processes.
* Installed and Configured **Nexus** to manage the artifacts in different **Repositories**.
* Configured and **automated** the **Jenkins** Build jobs for **Continuous Integration**.
* Used Apache **Tomcat** as application server for deploying the artifacts.
* Developed **Shell Scripts** for the purpose of manual **deployment** of the code to the different **environments** and e-mail the team when the build is completed.
* Managed & performed environment related **configuration** changes as a part of **deployment**.
* Coordinated J2EE-specific application releases with Development, **DBA** and Project Management teams.
* Coordinated **Release** effort amongst various teams (**Integration, QA, Testing**, and Business Analysis) in geographically separated environment.
* Served as a **partial administrator** for **UNIX** machines for Dev Environments.
* Created **deployment** request tickets in Remedy for the **deploying** the code to **Production**.
* Attended the **Minor**/**Major** Event change control meetings to get necessary approvals for the deployment request.
* Used **Bash** **Python** and **Shell scripting** to automate the build and **deployment** Process.
* Documented the **deployment** process (Migration Doc) of code to **production**.
* Used **JIRA, J-UNIT** as Issue Tracking Tool.
* Generated scripts in **Shell scripting** & **Bash** for build activities in **QA, Staging and Production** environments.
* Able to create scripts for system administration using languages such as **SHELL Scripting**.
* Coordinate/assist **developers** with establishing and applying appropriate **branching**, **labeling**/**naming** conventions using **GIT** **source** control.
* Analyze and resolve conflicts related to merging of source code for **GIT**.
* Repository management in **Maven** to share snapshots and releases of internal projects using Nexus tool.
* Set up and maintain **continuous** automated build system with **Jenkins** and **Groovy** scripting.
* Hands on experience in **Installing** and Administrating CI tools like Jenkins, Nexus, Artifactory
* Configured and maintained **Jenkins** to implement the CI process and integrated the tool with Ant and Maven to schedule the builds.
* Management of Users and Groups in **Subversion** (SVN) and troubleshoot client spec **issues** and user issues.
* Automation of deployment and server bounce process by creating scripts using **WebLogic** Scripting Tool (WLST).
* Integrated Jenkins with various **DevOps** tools such as **Nexus**, **SonarQube**, **maven**, **githubetc**
* Designed and implemented Subversion metadata including elements, labels, attributes, triggers, and hyperlinks.

**Environment**: Red Hat Enterprise Linux, Maven, Python, UNIX, Bash, Oracle SQL, Bitbucket, SPLUNK, Agile, Scrum, Kanban, Jenkins, Tomcat, CI/CD, AWS, Jira, J-Unit, Shell Scripting, GIT, SVN.

**Mphasis, Bangalore, India June 2012 – May 2015**

**Linux Administrator**

**Roles and Responsibilities**

* Installation, configuration and administration of **Red Hat Linux** servers and support for servers.
* Planned and performed the upgrades to linux (**Rhel 4x, 5x, suse 10, 11, CentOS**) operating systems and hardware maintenance like changing memory modules, replacing disk drives.
* Provided the support of provisioning the server, patching, user administration tasks, deployment, software installation, performance tuning and troubleshooting**.**
* Handling **Nfs**, **Auto Mount, Dns, Ldap** related issues.
* Monitoring **CPU**, memory, physical disk, hardware, and software raid, multipath, file systems, networks.
* Deployment and configuration of application server **Tomcat** deploying java and J2EE-specific application web application.
* Writing **shell scripting** for automation of daily tasks, documenting the changes that happen in the environment and in each server, analyzing the error logs, analyzing the user logs, analyzing the **/var/log/**Messages.
* Good understanding of **OSI** Model, **TCP/IP** protocol suite **DNS, IP, ARP, TCP, UDP, SMTP, FTP, and TFTP**.
* Knowledge of Routers and Switches, Subnet, **VLAN, TCP/IP, Ethernet, VPN, OSI model, Cisco Firewall**.
* Performed server updates, patching, upgrade, and package installations using **RPM.**
* Created local repositories on **Linux** servers Performed server updates, patching, upgrade and package installations using **RPM** and **YUM**.
* Implementing Security policies using **ACL** and **CISCO PIX** firewalls.
* Creating new nodes and Pools in **F5 Load balancers** to support newly added servers in Layer 3 environment.
* Performed server updates, patches and upgrades using **YUM** and **RPM.** Installs Firmware Upgrades, **Kernel** patches, systems configuration, performance tuning on **Linux** systems.
* Extensive knowledge on Server administration, **Kernel** upgrade and deployment of patches and applying all firewall and security policies with emphasis on maintaining best practices.
* Planned, scheduled, and implemented OS patches on Linux boxes as a part of proactive maintenance.
* Identify, **troubleshoot**, and resolve problems with the OS build failures.
* Installation, configuration, and customization of services send mail, **Apache, FTP** servers to meet the user needs and requirements.
* Monitored system capacity and performance using tools like **Vmstat, Iostat.**

**Environment**: Red Hat Enterprise Linux, Agile, Scrum, Kanban, UNIX, Bash, Tomcat, AWS, Apache Tomcat, FTP, LDAP, TCP/IP, DNS, Mount, Shell Scripting, Load Balancer, Patches, Migration, Cisco Firewall, Routers & Switches, WebSphere, Veritas Cluster.