**Vamshi T Phone:** (848) 667-7160

 **DevOps / Cloud Engineer Email**: vamshidev2@gmail.com

 **PROFESSIONAL SUMMARY:**

* Around **7** years of experience in IT industry and shaped my learning skills on high level, proactive, driven individual, motivated by the challenge to help a Development and Operations team.
* Proficient in creating **DevOps** strategy in a various distribution of **LINUX** and **Windows** alongside using DevOps tools suites like **Subversion, GIT, CVS, ANT, Maven, Jenkins, Bamboo, Ansible, Chef, Puppet, Docker, Docker Swarm, Kubernetes, Nexus, Artifactory, Nagios and Splunk** intraditional environments**,**as well as cloud environment like**AWS, Microsoft Azure and GCP.**
* Experience in Infrastructure Development and Operations, involved in designing and deploying utilizing almost all the **AWS** stack like **EC2, EBS, S3, VPC, LDAP, VPN, RDS, SES, ELB, Autoscaling, CloudFront, CloudFormation, Elastic beanstalk, CloudWatch,** **SNS, Route 53, LDAP, VPN, AMI, SQS**.
* Good working knowledge on **AWS IAM** service, **IAM** policies, Roles, Users, groups, **AWS** Access keys and Multi Factor Authentication and Migrated applications to the **AWS** cloud.
* Experience in managing and creating users, groups and assigning their roles and security groups on **AWS** cloud and monitoring applications running on the **AWS** by using **Cloud watch**.
* Experience migrating infrastructure and application from on premise to **Cloud Platform** and from Cloud to Cloud such as **AWS** to **Microsoft Azure** and **GCP**.
* Expert in various **Azure** services like Compute(Web Roles**,** Worker Roles**),** **Caching, Azure SQL, NoSQL**, **Storage** and **Network services**, **Azure Active Directory, API Management, Scheduling, Azure Autoscaling, PowerShell Automation, Azure Virtual Machines, Azure search, Azure DNS, Azure VPN Gateway**.
* Managed Clusters with various Servers in **Azure** Cloud Resource Groups and monitored via remotely run scripts **Ambari, Azure Data Factory** and Experience **Active Directory, Azure Active Directory, ADFS**, **Azure Active** **Directory Domain Service**, **SSO** and **MFA** and **Security**.
* Experience in migrating on premise to Windows**Azure** using **Azure Site Recovery** and **Azure backups** and also having good knowledge on **Azure Fabric**.
* Hands of experience in**GCP, Big Query, GCS bucket, cloud dataflow, pubsub, cloud shell, GSUTIL, BQ command line utilities, Data Proc, Stack driver.**
* Experience in creating **Google Kubernetes Engine** to manage and orchestrate the Docker container clusters of the containers which were run in **Google public cloud.**
* Responsible for setting up the tags, firewalls rules, roles and policies for the Hosts in **GCP** and Tested the **Vault** Replication Performance/DR by creating the clustered environment in the **Google cloud platform**.
* Generating **Google Cloud Platform** Access and Accounts for all the users in the Different application Teams by working on the **GCP IAM**. Worked on **Cloud KMS** (key management service).
* Experienced in Set up **Auto Scaling** of the instance group using **GCP CLI** (Command line tools) and **GCP** cloud environments for DEV/QA environments and Provided proof of concept (**POC**) on designing serverless architecture using **Cloud Dataflow, Cloud Data prep** and **Google Cloud Functions.**
* Operated with**Terraform** key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation as well as used for server provisioning.
* Expert in writing **cloud formation templates** in json to create custom **VPC, subnets, NAT** to ensure successful deployment of web applications. Set up and built **AWS** infrastructure with various services available by writing **cloud formation templates** in **JSON**.
* Experienced in Writing **Chef** Recipes to automate our build/deployment process and do an overall process improvement to any manual processes and Developed and version controlled of **Chef** Cookbooks, testing of Cookbooks using Food critic and Test Kitchen and running recipes on nodes managed by on premise **Chef Server**.
* Worked with **Ansible** playbooks for virtual and physical instance provisioning, configuration management, patching and software deployment and Experience in writing playbooks using **YAML** scripts on **Ansible.**
* Experience in configuring and managing **Puppet Master** Server and also experience in updating and creating modules and pushing them to **puppet** clients.
* Hands on experience with container-based deployments using **Docker**. Creating and working with **Docker** **files**, **Docker Images** & Containers, **Docker hub**, Installation and configuring **Kubernetes** and clustering them.
* Experience in using **Kubernetes** to create **pods**, **ConfigMaps** and deployments into **cluster** and Designed and developed distributed private cloud system solution using **kubernetes** on **CoreOS.**
* Responsible for **Continuous Integration (CI)** and **Continuous Delivery (CD)** process implementation using Jenkins along with Shell scripts to automate routine jobs.
* Expertise in all areas of **Jenkins** like Plugin Management, Securing and scaling **Jenkins**, integrating Code Analysis, Performance issues, Analytics and Test Phases to complete the **CI/CD pipelines** within **Jenkins**.
* Ensured proper version control, revision labels and baseline management procedures as part of the release process. **Mavenized** several **ANT** projects and ability in development and execution of **XML**, **Shell Scripts** and **Python Scripts**.
* Experience in migrating source code repositories from between various version control systems like **SVN** to **Git** and Extensively worked on several build tools like **ANT** and **Maven** etc
* Experienced in Server monitoring, capacity planning, application monitoring with the help of **Nagios**, **Cloud Watch** and **Splunk**.
* Experience in Troubleshoot and resolve **Splunk** performance, **Log Monitoring issues**, **Dashboard creation**, **Data** **models** and **New relic** to track the **API** calls for **database deadlocks**, exceptions or tracebacks in the application.
* Hands on working with various scripting languages like **Python, Ruby, Bash, Shell, JavaScript, HTML, XML**.
* Hands on experience on the relational databases like **Oracle, MS SQL, My SQL, RDS** and nonrelational databases like **DynamoDB, MongoDB, Cassandra.**
* Hands on working with operating systems like **Windows, Centos, Red hat, Ubuntu, Debian and Mac OS**.
* Hands on experience in creating and maintaining user accounts, profiles, network security and security groups and experience in various protocol services like **TCP/IP network** services.  (different protocols)
* Good understanding of the principles and best practices of **Software Configuration Management (SCM) in Agile, scrum, and Waterfall methodologies.**
* Excellent written and verbal communication skills, strong organizational skills, and a hard-working team player.

 **WORK EXPERIENCE:**

 **DevOps / Cloud Engineer |Sherwin Williams, Cleveland, OH November 2019 – Present**

 **Responsibilities**:

* Created **Azure** Automation Assets, **Graphical runbook, PowerShell runbook**that will **automate**specific tasks, deployed **Azure AD** Connect, configuring **Active Directory Federation Service (AD FS)** authentication flow, **ADFS**installation using **Azure AD Connect**, and involved in administrative tasks that include **Build, Design, Deploy**of **Azure environment.**
* Configure **Continuous Integration** from source control, setting up build definition within **Azure DevOps**and configure **continuous delivery**to automate the deployment of **ASP.NET VC** applications to **Azure web apps** and managed **Azure Active Directory, Office 365** and applied upgrades on a regular basis.
* Managed **Azure** Infrastructure**Azure Web Roles, Worker Roles, VM Role, Azure SQL, Azure Storage, Azure AD** Licenses, **Virtual Machine Backup** and Recover from a Recovery Services **Vault** using **Azure PowerShell** and **Azure Portal.**
* Using **Power shell, Azure CLI** and **JSON** to reduce repeated work like creating **VMs, Resource Groups** and another configuration.
* Working with **AWS CLI** and **API** to manage resources on AWS for many services such as a **EC2, S3, VPC, Lambda, Cloud formation, Cloud Watch, RDS, Dynamo DB, ELB, Auto-scaling**, **Route53**, **IAM** created **python** script using **AWS API** Calls to manage all resources deployed on **AWS**.
* Used **AWS Beanstalk** for deploying and scaling web applications and services developed with **Java, PHP and Node.js** on familiar servers such as **Apache** and **IIS**.
* Experience in **Blue/green deployment** strategy by creating new applications which are identical to the existing production environment using **CloudFormation** templates & **Route53** weighted record sets to redirect traffic from the old environment to the new environment via **DNS**.
* Configured **EC2** instances by writing **Terraform** templates, **Chef** cookbooks, recipes and pushed them on to **Chef** server. Wrote **Lambda** functions in **Python** for **AWS Lambda** and invoked **Python** scripts for data transformations and analytics on large data sets in **EMR** clusters and **AWS Kinesis** data streams.
* Used **Terraform** as infrastructure as code, execution plans, resource graph and change automation. Managed **AWS** and **Azure** infrastructure as code using **Terraform.**
* Written **Chef Cookbooks** for various DB configurations to modularize and optimize end product configuration, converting production support scripts to **Chef Recipes** and **Azure server** provisioning using **Chef** Recipes.
* Worked with various components of **Chef** including **Chef Server, workstations, Nodes**, configurations of chef-client and writing recipes for **Chef** and assigning roles to nodes.
* Writing **Ansible** **Playbooks** with **Python** **SSH** as a wrapper for configuration management of **AWS** nodes in the cloud environment and Tested **Ansible** playbooks on **AWS** instances using **Python** and involved in running **Ansible** Scripts to provision dev servers.
* Created **Docker file** for each **microservice** and also changed some of the Tomcat configuration file which are required to deploy Java based application to the **Docker container.**
* Created clusters using **Kubernetes** and worked on creating many pods, replication controllers, deployments, labels, health checks and ingress by writing **YAML** files as well as managed Kubernetes charts using **Helm**.
* Created reproducible builds of the **Kubernetes** applications, managed **Kubernetes** manifest files and Managed Release of **Helm** packages and Scheduled, deployed and managed Container replicas onto a node cluster using **Kubernetes.**
* Responsible for **Continuous Integration (CI)** and **Continuous Delivery (CD)** process implementation-using **Jenkins** along with **Python** and **Shell** scripts to automate routine jobs. Migrated Legacy applications to a repeatable **Continuous** **Integration** platform.
* Designed and developed **Continuous Integration & Continuous Delivery** pipelines using Code Pipeline, Code Build and Code Deploy plugins in Jenkins. Developed **Jenkinsfile** and automated the **Jenkins** pipeline using pipeline **Groovy** script for the applications.
* Responsible for installing **Jenkins** master and slave nodes and configure **Jenkins** builds for **Continuous Integration (CI)** and **Continuous Delivery (CD).**
* Creating and Implementing **branching** & **merging** strategy with multiple branches. Used **Git** as source code management repository to keep track of version changes. Implemented and Maintained the Branching and **Build/Release** strategies utilizing **GIT** source code management.
* Installed and configured **GIT** and communicating with the repositories in **GITHUB** and Created and maintained **Subversion/GIT** repositories, branches and tags.
* Designed and scripted using **MAVEN** for (J2EE, Web Services, Reusable JARS, Web Client and Open Source) in creating **MasterBuild.xml**, Build. Properties &**Pom.xml** files and provided technical support to development team for compilation problems.
* Built source code and created Dynamic Views and Snapshot views for end users using **ANT** scripts.
* Developing **Splunk** **queries** and **dashboards** targeted at understanding application performance and capacity analysis. Worked on setup of various dashboards, reports and alerts in **Splunk.**
* Implemented and maintained the monitoring and alerting of production, corporate servers and storage using **AWS CloudWatch** for efficiency.

Created **Python** scripts to automate AWS Services which includes **ELB, Cloud front, Lambda**, database security and application configuration also Developed them to take backup of **EBS** volumes using **AWS Lambda, CloudWatch**.

* Experience in setting up **MongoDB** Client and writing queries to validate data against Mongo Collections, **MySQL**. Installed, configured and managed **MongoDB** servers and performance tuning of Mongo Databases.

 **DevOps / Cloud Engineer |Experian, Coasta Mesa, CA March 2018 – October 2019**

 **Responsibilities**:

* Performed configuration, deployment and support of cloud services including Amazon Web Services (**AWS**) Configured an**AWS** Virtual Private Cloud (**VPC**) and Database Subnet Group for isolation of resources within the **Amazon RDS**, **MySQL DB** cluster.
* Used **IAM** for creating roles, users, groups and implemented **MFA** to provide additional security to **AWS** account and its resources and Worked with **Terraform** to create**AWS** components like **EC2,** **IAM**, **VPC**, **ELB,** Security groups.
* Converted existing**AWS** infrastructure to server less architecture (**AWS Lambda**) deployed via **Terraform** and **AWS** Cloud formation**.**
* Direct cloud experience in Architecting and Implementing **Azure** Service Offering such as **Azure cloud**  **services, Azure storage IIS, Azure active directory, Azure resource management, Blob Storage, SQL Azure, Azure VM, VNETS, Network Gateways/Load Balancers, Azure Files** and **Azure Functions, Azure service bus.**
* Involved in creating the **Azure** Services with **Virtual Machine**. Involved in developing the **AzureSolution** and Services like **IaaS** and **PaaS**. Managed **Azure**Infrastructure Web Roles, Worker Roles, Storage, **Azure AD Licenses**, **Office365**. Created Cache Memory on Windows **Azure** to improve the performance of data transfer between **SQL Azure** and **WCF** services.
* Provided high availability for **IaaS VMs** and **PaaS** role instances for access from other services in the **VNet** with **Azure** Internal Load Balancer.
* Designed and configured **Azure Virtual Networks (VNets),** subnets, **Azure** network settings, **DHCP** address blocks, **DNS** settings, and security policies and routing.
* Written Several **Chef** cookbooks from scratch consisting of recipes that can Provision several pre-prod environments consisting of **WebLogic** domain creation, Deployment automation, instance mirroring, and several proprietary middleware installations.
* Used **Knife** and **Chef Bootstrap** processes and worked on **chef** **serve**r management console with proficient knowledge on all different components like **chef server**, nodes and workstations.
* Used**Ansible** and **Ansible** tower(**AWX**) as configuration management tool, to automate repetitive tasks, quickly deployed critical applications and proactively managed the changes.
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, stack monitoring using **Ansible** playbooks and has Integrated **Ansible** with Jenkins.
* Experience working on several **Docker** Components like **Docker** Engine, **Docker Hub**, **Docker** machine, **Docker** compose and **Docker** registry.
* Deploy the numerous services like **RabbitMQ**, **Redis**, **Elasticsearch(ELK**), **AuroraDB**, **Postgres**, **Spark** and data containers in some containerized environments using **Docker-compose**.
* Created private cloud using **Kubernetes** that supports **DEV**, **TEST**, and **PROD** environments and
 Implemented a production ready, load balanced, highly available, fault tolerant, auto scaling **Kubernetes** infrastructure and microservice container orchestration.
* Installed & configured **Jenkins** master that served 30 different slaves supporting 9 different applications with various release life cycles and multiple CI pipelines setup on project branches.
* Designing and implementing Continuous Integration system configuring **Jenkins** servers, nodes, creating required **Python** scripts as well as bash scripts to create/configure **Linux VMs.**
* Installed and configured **GIT** and communicating with the repositories in **GITHUB** and Created and maintained

**Subversion**/**GIT** repositories, branches and tags.

* Created **Maven**POMs to automate build process for the new projects and integrated them with third party tools like **SonarQube**, **Jfrog** **Artifactory.**
* Expertise in Installation, Configuration, Migration, Trouble-Shooting and Maintenance of **Splunk**, Passionate about Machine data and operational Intelligence.
* Used **MySQL, DynamoDB , MongoDB** and **Elasticache** to perform basic database administration. Build out server automation with **Continuous Integration - Continuous Deployment** tools like **Jenkins/Maven** for deployment and build management system.
* Expertise in Installation, Configuration, Migration, Trouble-Shooting and Maintenance of **Splunk**, Passionate about Machine data and operational Intelligence.
* Developing **Splunk** queries and dashboards targeted at understanding application performance and capacity analysis.
* Involved in setting up application servers like **Tomcat, WebLogic** across Linux platforms as well as writing **shell scripts, Bash, Perl, Python, Ruby** scripting on **Linux.**

 **DevOps / Cloud Engineer |Florida Blue, Jacksonville, FL January 2017 – February 2018**

 **Responsibilities:**

* Designed, configured and managed public/private cloud infrastructures utilizing Amazon Web Services (**AWS**), including **EC2**, Virtual Private Cloud **(VPC**), Public and Private Subnets, Security Groups, Route Tables, Elastic Load Balancer, Cloud Watch and **IAM**.
* Defined security groups which acted as virtual firewalls to control the incoming traffic onto one or more **EC2** instances.
* Creating **S3** **bucket** and managing the policies for **S3 bucket** and **Storage**, Backup of logs into **Glacie**r, **buckets**, performed folder management in each bucket, Managed cloud trial logs and objects within each bucket.
* Managed users and groups using the Amazon Identity and Access Management (**IAM**) and Managing **IAM** accounts (with **MFA**) and **IAM** policies to meet security audit and compliance requirements.
* Configured **GCP** Firewall rules to allow or deny traffic to and from the **VM's** instances based on specified configuration and used **GCP**, **CDN** (content delivery network) to deliver content from **GCP** cache locations drastically improving user experience and latency.
* Google stack driver for monitoring the logs of both **GKE** and **GCP** instances and configured alerts from Stack driver for some scenarios.
* Set up a **GCP** Firewall rules to allow or deny traffic to and from the **VM's** instances based on specified configuration and used **GCP** cloud **CDN** (content delivery network) to deliver content from **GCP** cache locations drastically improving user experience and latency.
* Secured the **GCP** infrastructure with private, public subnets as well as security groups etc., and leveraged the **GCP** cloud services such as compute, auto-scaling and **VPC** to build secure, scalable systems to handle the unexpected loads.
* Architecting the Infrastructure on **GCP** using various **GCP** services as well as automated infrastructure using **Terraform** templates deployed in **GCP** Cloud Deployment Manager. Deployed **Docker** containerized applications using **Kubernetes** in **Google Cloud Platform**.
* Operated with **Terraform** key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation as well as used for server provisioning.
* Expertise in integrating **Terraform** with **Ansible**, **Packer** to create and Version the **GCP** Infrastructure.
and Implemented**Terraform** modules for deployment of applications across multiple cloud providers.
* Worked on setting up a **Chef** Workstation, bootstrapping various enterprise nodes, and worked with chef Cookbooks, **Chef** Recipes, **Chef** Attributes, and Template.
* Have created **Chef** Cookbooks and written recipes to install and configure agents like **Centrify**, **Splunk**, **TrendMicro** and **BesClient** along with the Compliance Profiles and Ensured that the Chef recipes are idempotent and using only the **Chef** resources wherever possible.
* Designed and developed **Ansible** playbooks for audit reporting, file deployments, and configuration updates to Development and Test environments.
* Established inventory management, build automation, **artifactory** deployment , and version management system using **Ansible**.
* Handled several **Docker** components like **Docker Engine**, **Hub, Machine**, **Compose** and **Docker Registry** and experience with **Docker** container service and **Dockerized** applications by creating Docker images from Docker file and running them to create the**Docker** containers and Docker consoles for managing the application life cycle.
* Developed auto container to automate containerization of new and existing applications as well as deployment and management of complex run time environment like **Kubernetes**.
* Integrated **Git**, **Jenkins** and **maven** in accomplishing continuous integration and configured **Jenkins** with Poll **SCM** build trigger and Creating**Jenkins** jobs and distributing load on **Jenkins** server by configuring Jenkins nodes which will enable parallel builds.
* **Jenkins**an extensible server for continuous integration & continuous deployment for distributing work across multiple machines and Monitoring and troubleshooting Jenkins Automation jobs.
* Maintained build related scripts developed in the **shell** for **Maven** builds. Created and modified build configuration files including **POM.xml** and Responsible for Debugging and Placing Builds into **Maven Repository**.
* Experience in administration and maintenance of Source Code Management (**SCM)** systems such as **GIT** created tags and branches fixed merge issues and administration software repositories.
* **New Relic** implementation includes Server, **APM** (**Java, Dot Net, and Python**), Plugins (**DB, AWS cloud watch etc**) and Solution to integrate **New Relic** with **Service Now**, developed Scripts for **Synthetic SLA** report notification, **auto-healing** solution.
* Experience writing **Ruby, Python, Shell (Bash), Perl and Batch/Power** **Shell scripts** to automate the deployments.
* Deployed **JAVA/J2EE** applications to Application servers in an Agile continuous integration environment and automated the whole process.
* Worked closely with **networking** and **database** teams during major releases and coordinated with the team for troubleshooting and root cause analysis.
* **RedHat** Package Management of **RedHat** **Linux** user accounts, groups, directories, file permissions and other package deployments.

 **DevOps Engineer | DuPont, Wilmington, DE September 2015 – December 2016**

 **Responsibilities**:

* Worked on creating and configuring Elastic Load Balancers (**ELB**) for deploying applications in high availability and **AWS** Auto Scaling for providing high availability of applications and **EC2** instances based on the load of applications.
* Configured Elastic Load Balancers with **EC2** Auto scaling groups and Implemented **AWS** solutions using EC2, S3, **RDS, EBS, Elastic Load Balancer, VPC, Auto scaling groups.**
* Proficient in writing Cloud Formation Templates (**CFT**) in **YAML** and **JSON** format to build the**AWS** with the paradigm of Infrastructure as a Code and Build Customized Amazon Machine Images (**AMIs**) & deployed these customized images based on requirements.
* Experience in **AWS** Elastic Block Storage (**EBS**), various volume types and utilization of different types of **EBS** volumes based on requirement and Provided security and managed user access and quota using **AWS**Identity and Access Management (**IAM**), including creating new Policies for user management.
* Encountered chipping away at setup administration in **Linux** utilizing Puppet there creating**Puppet** Manifests utilizing ruby for provisioning applications and scripts.
* Working on **Puppet Master** and **Puppet Agents** to manage and configure nodes and used **Puppet's Hiera** look up tool to write environment/node dependent code thereby eliminating redundant code.
* Developed automation scripting in **Python** (core) using **Puppet** to deploy and manage Java applications across **Linux s**ervers Developed automation framework for Application Deployments to the cloud environments and installed and configured Infrastructure Automation tool**Puppet**. Created and updated **Puppet** manifests and modules, files, and packages.
* Wrote **ANSIBLE** Playbooks with **Python**, **SSH** as the Wrapper to Manage Configurations of **AWS** Nodes and Test Playbooks on **AWS** instances using **Python**. Run **Ansible** Scripts to provision **Dev servers**.
* Managed **Ansible** Playbooks with **Ansible** modules, implemented **CD** automation using Ansible, managing existing servers and automation of build/configuration of new servers.
* Extensively worked on **Octopus**, **Teamcity**, and **Bamboo** by installing, configuring and maintaining the purpose of **CI** and End-to-End automation for all build and deployments implementing **CI/CD** for database using **Jenkins**.
* Installed and administered Artifactory repository to deploy the artifacts generated by **Apache MAVEN** and to store the dependent jars, which are used during the build. And updated **MAVEN** scripts to use Artifactory repo instead of local repositories.
* Supported and Administered **Teamcity** continuous integration tool and **SVN**, **Teamcity**, **Sonar** consolidation of small projects merging into single project and controlled common.
* Migration of the Source Code from **Apache Subversion** **(SVN)** to **GIT HUB**, and the migration from **GIT Hub** to **BIT Bucket**.
* As part of continuously delivering Agile team, develop, test, and deploy Data platform features Develop ongoing test automation using **puppet, Python** based framework using **Ansible** to Setup/teardown of **ELK Stack**.
* Worked on configuring data sources for **JBOSS** with various versions of databases and Involved in writing **SQL** queries to implement the schema related changes for internationalization and debugged the build errors using **SQL** queries to make sure **Database** is not corrupted.
* Developed **Shell/Python Scripts** for automation purposes like backing up disk groups, archive logging, **Rest API** calls, **OS Patching**, **DB Patching** etc.

 **Site Reliability Engineer| Aureus Tech Systems, Centennial, CO February 2014 to August 2015**

 **Responsibilities:**

* Participated in the **release cycle** of the product which involved environment like development INT, QA and production.
* Good knowledge of configuration management tools like **Puppet**; created base modules for **Puppet.**
* Used **Puppet** for creating scripts, deployments for servers, and managing changes through **Puppet** master server on its clients and created a custom **Puppet** module skeleton to use same structure across all Puppet modules.
* Deployed **Puppet**, **Puppet** Dashboard, and **Puppet DB** for automated management of machine configurations.
* Configured and maintained **Hudson** to implement the **CI** process and integrated the tool with **ANT** to schedule the builds and Set up **CI** (Continuous Integration) for major releases in **Hudson** and **TeamCity.**
* Implemented **CI** for end-to-end automation of all builds and deployments using **Hudson** and **TeamCity**.
* Experience of working with the release and deployment of large-scale **Java/J2EE** Web applications using **SVN** repository.
* Updating the **SVN** log properties for revisions. Setting up the **SVN** sync servers, changed rev properties for **SVN** **sync** and Automated the regular tasks in **Subversion** and **Streamlining** the process of access to **SVN**.
* Managed **SVN** repositories for **branching** and **merging** the code as per the schedule.
* Responsible for design and maintenance of the **Subversion** Repositories, views, and the access control strategies.
* Merged release branches to the trunk after the production release and resolved the conflicts during the merge in **Subversion.**
* Worked with the development team to generate **deployment** profiles **(jar, war, ear)** using **Ant** Scripts and **Java**.
* Used sub-modules in the **GIT** and educated users working with sub-modules in **GIT**. Created repositories according to the structure required with branches, tags, and trunks.
* Worked on integrating **GIT** into **continuous Integration (CI)** environment along with **Jenkins** and **Subversion**.
* Developed build & deployment scripts using **ANT** as build tools in **Jenkins** to move environment.
* Extensive knowledge in design and development of **Java/J2EE** applications using programming languages like **Java**, Web technologies like **HTML5/CSS3**, **JavaScript** and frameworks like **Hibernate** and **Spring**.
* Authored **Ant** scripts to automate entire build process. Migrated **ANT** projects into **Maven** for better build performance. Responsible for Releases (enhancement, maintenance, Emergency and bug fixes) into **QA, Stage** and **Prod** environments and Developed **Shell/Bash/Perl** Scripts for automation purpose.
* Used **Apache** **Tomcat** as **application** **server** for deploying the artifacts.

 **Build & Release Engineer| GSS Infotech Limited, Hyderabad, India July-2013 to January-2014**

 **Responsibilities:**

* Configured, and maintained Apache web server from open source with **Java** and **Tomcat** As member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control and release tracking and reporting, on **LINUX** platform.
* Installed and configured **Jenkins** for Automating Deployments and providing an automation solution.
* integrated **GIT** into **Jenkins** to automate the code check-out process and Used **Jenkins** for automating Builds and Automating Deployments.
* Automating the regular tasks in **Subversion** and streamlining the process of access to **SVN.**
* Migrated Projects from **SVN** to **GIT.**
* Developed build and deployment scripts using **ANT** and **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
* Responsible to perform Build operations with **ANT** Scripts, while implementing the required modifications in the **ANT** Script to perform build operations, in accordance with requirements.
* Experience working with Puppet Enterprise and Puppet Open Source. Installed, configured, upgraded and managed **Puppet master,** agents & **Databases.**
* Integration of **Puppet** with Apache and developed load testing and monitoring suites in **Python.**
* Dealt with **Jira** as ticket tracking and work flow tool.

 **EDUCATION:**

 Master's in Computer Science | Northwestern Polytechnic University | Fremont, California.