**Charan**

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**Professional Summary**

* Having 8.5 years of Total IT Experience as **Devops Engineer** involved in SCM, Build & Release activates.
* Experience in building and deploying Java web applications in **Red hat Linux** environment.
* Experience in version control installation like Subversion(**SVN**),GIT.
* Creating branches in **SVN,GIT** provide access permissions to developers on need basis.
* Building of source code using **Maven**. Troubleshooting build/compile/configuration issues.
* Hands on experience in automating build process using, **Jenkins** tools.
* Automated Build and deployment process, across java projects using **Jenkins/Hudson**.
* Experience on building and deploying Java web applications in **Apache TomcatServer.**
* Worked closely with Development, QA, and Performance and UAT teams to solve complex build and deployment process through all the phases of the development.
* Experience with Application server configuration and management **Apache Tomcat Servers.**
* Created EC2 instances from AWS console and configured Elastic Load Balancers.
* Created S3 buckets to store project files and documents.
* Creating Dockerfile and build docker images.
* Push the Docker images to Docker hub.
* Run Docker images(Micro Services) as containers.
* Kubernetes Cluster setup.
* Deploy applications in Kubernetes Cluster.
* Setup Kubernetes Monitoring at Node level and Pod level.
* Kubernetes version upgrade .
* Configured Ansible and wrote playbook to setup nginx and tomcat.
* Configured Puppet and wrote manifest to deploy war file in tomcat.
* Hands on experience in automating build process using, **Jenkins** tools.
* Responsible for Creating and maintaining builds and Administering **Jenkins** and Involved in Deployment related activities.
* Involved in the Installation of in heterogeneous environments like Windows and Linux.
* Deployed various JAR, WAR, EAR applications in clustered environment.
* Setup Environments for both Linux and windows platforms using Packer,Terraform.
* Create template,builds images for Azure using packer.

**Education**

Masterof Computer Applications from **Anna University** in Tamil Nadu.

**Technical Expertise**

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| --- | --- |
| **Operating Systems** | UNIX, Linux, Windows, |
| **Version Control Tools** | Subversion (SVN), GIT,TFS |
| **Build Management Tools** | Ant,Maven,Gradle,Ms build |
| **Scripting Languages** | Shell script, |
| **Application Servers** | Apache Tomcat,Jboss,Webolgic,Websphere |
| **Continuous Integration Tools** | Jenkins, Bamboo,Teamcity |
| **Database** | Db2,Mysql |
| **Web servers** | Apache, Nginx |
| **Tools** | SonarQube,Artifactory,Splunk,Nagios,uDeploy |
| Devops Tools | AWS,Docker,Ansible,Openshift,Kubernetes,Terraform,Packer |

**Professional Experience**

Working as a **Project Lead** in **LTI from Jan 2018** to **till date**.

Worked as a **SeniorSoftware Engineer** in **Photon Infotech from Aug 2016** to **Jan 2018**.

Worked as a **Software Engineer** in **HTC Global Services from FEB 2011** to **MAR 2016**.

**Certification**

**Redhat OpenShift Administrator in 2019.**

**Project 4**

Project : BFS

# Client : CITI Bank

# Duration : Jan 2018 to Till date

# Technology : SVN (Subversion),GIT,TFS, Linux, Maven, Shell script,Ms Build,Ant,Teamcity,Artifactory,Udeploy,Blackduck,Docker,websphere,Mysql,oracle,Openshift,Kubernetes

**Tools** : Jira

# Server’s : Tomcat,Wepshere

**Responsibilities:**

* Creating branches and tags using GIT,TFS.
* Maintain SVN Repositories, Handling Releases and Branching activities for Git,TFS.
* Handle multiple builds from Development team, create build jobs in Hudson and perform deployment activities.
* Responsible for taking the source code and compiling and package it in its distributable format, such as a **JAR / WAR**/Ear.
* Automate the **Maven,MS Builds** build Process Using Teamcity jobs.
* Monitoring daily builds using continuous integration tool **Teamcity**.
* Deploy the release of software components into pre-production environments.
* Responsible for delivering daily builds, patch releases, hot fixes and the formal releases.
* Worked on Jenkins tool to configure Nightly Builds to check sanity of our java source code.
* Deploying the **JAR / WAR/EAR** files in **Tomcat app server** and Wepshere servers
* Verifying the logs if build fails.
* Verify Deployments logs to check for successful deployments.
* Experience in bug tracking and analyzing test results and prepared Release Notes.
* Creating Dockerfile and build docker images.
* Push the Docker images to Docker Registry in artifactory.
* Create project in Openshift Environments and grant access to users.
* Create Deployment Templates for the projects to deploy in Openshift environments.
* Configure routes,services,pods for the projects.
* Run Docker images as containers in Openshift.
* Kubernetes Cluster setup.
* Deploy applications in Kubernetes Cluster.
* Setup Kubernetes Monitoring at Node level and Pod level.
* Kubernetes version upgrade .
* Generate Sonar reports for all the projects.
* Performed installation & configuration of tomcat application server.
* Implement branch and merging techniques for major and minor releases including patch releases.
* Performing deployments to multiple environments like **DIT, SIT, IUT, UAT** &**Production** environments.
* Setup Environments for both Linux and windows platforms using Packer,Terraform.
* Create template,builds images for Azure using packer.

**Project 3**

Project : NOC

# Client : Yamaha,Bloomsbury,Laision,

# Duration : Aug 2016 to Till date

# Technology : SVN (Subversion),GIT, Linux, Maven,Gradle,Jenkins,Bamboo, Shell Script,Docker,Sonar,AWS,Ansible,puppet

**Tools** : Jira

# Server’s : Tomcat

**Responsibilities:**

* Creating branches and tags using **Subversion**,GIT.
* Maintain SVN Repositories, Handling Releases and Branching activities for **SVN**,GIT.
* Handle multiple builds from Development team, create build jobs in Hudson and perform deployment activities.
* Responsible for taking the source code and compiling and package it in its distributable format, such as a **JAR / WAR**.
* Automate the **Maven** build Process Using Jenkins jobs.
* Monitoring daily builds using continuous integration tool **Jenkins**.
* Deploy the release of software components into pre-production environments.
* Responsible for delivering daily builds, patch releases, hot fixes and the formal releases.
* Worked on Jenkins tool to configure Nightly Builds to check sanity of our java source code.
* Deploying the **JAR / WAR** files in **Tomcat app server**.
* Verifying the logs if build fails.
* Verify Deployments logs to check for successful deployments.
* Experience in bug tracking and analyzing test results and prepared Release Notes.
* Creating Dockerfile and build docker images.
* Push the Docker images to Docker hub.
* Run Docker images as containers
* Generate Sonar reports for all the projects.
* Create load balancing for the EC2 serveers in UAT,Staging and PROD environments.
* Performed installation & configuration of tomcat application server.
* Implement branch and merging techniques for major and minor releases including patch releases.
* Performing deployments to multiple environments like **Dev, QA, PER, UAT** &**Production** environments.
* Created EC2 instances from AWS console and configured Elastic Load Balancers.
* Created S3 buckets to store project files and documents.
* Creating Dockerfile and build docker images.
* Push the Docker images to Docker hub.
* Run Docker images(Micro Services) as containers.
* Configured Ansible and wrote playbook to setup nginx and tomcat.
* Configured Puppet and wrote manifest to deploy war file in tomcat.

**Project 2**

Project : AP

# Client : AP

# Duration : Feb 2012 to Mar 2016

# Technology : SVN (Subversion),GIT,Red Hat Linux, Maven,Jenkins, Shell Script,Docker

**Tools** : HP Service Manager, TracIT

# Server’s : Apache Tomcat, Websphere,Weblogic

# Description:

**State Farm** is a group of insurance and financial services companies in the United States.The company also has operations in Canada.The group main business is State Farm Mutual Automobile Insurance Company,a mutual insurance firm that also owns the other State Farm companies.The corporate headquarters are in Bloomington,Illinois.

**Responsibilities:**

* Creating branches and tags using **Subversion**.
* Maintain SVN Repositories, Handling Releases and Branching activities for **SVN**.
* Handle multiple builds from Development team, create build jobs in Hudson and perform deployment activities.
* Responsible for taking the source code and compiling and package it in its distributable format, such as a **JAR / WAR**.
* Automate the **Maven** build Process Using Jenkins jobs.
* Monitoring daily builds using continuous integration tool **Jenkins**.
* Deploy the release of software components into pre-production environments.
* Responsible for delivering daily builds, patch releases, hot fixes and the formal releases.
* Worked on Jenkins tool to configure Nightly Builds to check sanity of our java source code.
* Deploying the **JAR / WAR** files in **Tomcat app server**.
* Verifying the logs if build fails.
* Verify Deployments logs to check for successful deployments.
* Experience in bug tracking and analyzing test results and prepared Release Notes.
* Handling request through TracIT Tool.
* Handling incidents through HP Service Manager.
* Deploy EAR files in TP servers using CMP Tool.
* Depoly EAR files in Webshpere (WAS 6.1) using ADA Tool.
* Performed installation & configuration of tomcat application server.
* Implement branch and merging techniques for major and minor releases including patch releases.
* Performing deployments to multiple environments like **Dev, QA, PER, UAT** &**Production** environments.
* Created EC2 instances from AWS console and configured Elastic Load Balancers.
* Created S3 buckets to store project files and documents.
* Creating Dockerfile and build docker images.
* Push the Docker images to Docker hub.
* Run Docker images(Micro Services) as containers.

# Project 1

**Project :** AOI

**Client :**  Auto Owner’s Insurance,

**Duration :** Feb 2011 to Jan 2012

**Database :** Db2

Tools **:** Svn,Maven,Jenkins,Sonar,linux,shell script,tomcat

Ticketing Tool **:** HP Service Manager

**Description:**

**Auto-Owners Insurnace** is a group of insurance companies based in Delta Township,Michigan. The Company offers property and casualty insurance , including personal and commercial lines, as well as life insurance. The insurance company is headquartered in Michigan.

**Responsibilities:**

* Creating branches and tags using **Subversion**.
* Maintain SVN Repositories, Handling Releases and Branching activities for **SVN**.
* Handle multiple builds from Development team, create build jobs in Hudson and perform deployment activities.
* Responsible for taking the source code and compiling and package it in its distributable format, such as a **JAR / WAR**.
* Automate the **Maven** build Process Using Jenkins jobs.
* Monitoring daily builds using continuous integration tool **Jenkins**.
* Deploy the release of software components into pre-production environments.
* Responsible for delivering daily builds, patch releases, hot fixes and the formal releases.
* Worked on Jenkins tool to configure Nightly Builds to check sanity of our java source code.
* Deploying the **JAR / WAR** files in **Tomcat app server**.
* Verifying the logs if build fails.
* Verify Deployments logs to check for successful deployments.
* Experience in bug tracking and analyzing test results and prepared Release Notes..
* Handling incidents through HP Service Manager.
* Performed installation & configuration of tomcat application server.
* Implement branch and merging techniques for major and minor releases including patch releases.
* Performing deployments to multiple environments like **Dev, QA, PER, UAT** &**Production** environments.
* Writing a Linux Shell Script and schedule in the respective run levels for automate day-to-day activities such as auto start application server, web server, log rotate and removing the old logs.

(**Charan**)