**Lavanya Sikakollu Email:** lavanyasre99@gmail.com

**Mobile:** +91­- 7993725699

**Professional summary:**

* Having around **3.6** years of experience on **Build And Release/ DevOps** engineering automation, build, deploy and release Process with various environments.
* Hands on experience in build and release management, configuration management, **DevOps** and infrastructure management with automation tools.
* Hands on experience on source code management using **GIT** and **Github**.
* Managing version control tools, builds and deploys for java based applications.
* Responsible for code merges on regular frequency to integrate the source code from various branches to maintain baseline code after every release.
* Good experience and administrate the continuous integration tool like **Jenkins**.
* Expertise on installation and configuration of continuous integration tools **Jenkins**.
* Created automated build and release environment using continuous integration tool **Hudson/Jenkins**.
* Implemented master slave concept in **Jenkins**.
* Provide assistance to clients with the implementation of configuration management, release management and process creation.
* Having good experience in **AWS Services** like **EC2, S3, IAM**.
* Have good working experience on **Linux, windows** platform.
* Having experience in **Chef** configuration management tool.
* Good experience in build tool **Maven** and **CI** tools like **Jenkins**.
* Having good experience on **Apache Tomcat**.
* Work with development teams and testing team to establish a build schedule, execute the builds and troubleshoot build failures, if any.
* Manage all aspects of the end to end release process.
* Managed environments dev and qa for various releases and designed instance.
* Build, deliver and maintain required testing environments.
* Customer focused, organized, detail oriented with the ability to meet deadlines.
* Having good knowledge in **Docker**.
* Experience in configuring and updating the servers using **configuration management** tools like **Chef, puppet**.
* Experience in Setting up Chef Server/Workstation and Bootstrapping Nodes.
* Hands on experience in creating **Chef Recipes, cookbooks**.
* Virtualized the servers on **aws** using the **docker**, created the docker files and version controlled them.
* Managed servers on the Amazon web services (aws) platform instances using puppet, chef configuration management
* Configuring the docker containers and creating docker files for different environments.
* Creating Images with **Docker**
* Designed puppet modules to manage configurations and automate installation process.
* Configured and maintained Jenkins to implement the **CI** process and integrated the tool with maven to schedule the builds and automated the deployment on the application servers using the " code deploy " plug-in for Jenkins.
* Experience in monitoring teams to identify and troubleshoot issues on servers using tools like Nagios.
* Experience with cloud infrastructure of **aws (Amazon web services)** and computing **AMI** virtual machines on **Elastic compute cloud (EC2), S3 storage, Elastic load balancer**.

**Technical Skills:**

* **Operating systems** **:** Linux (redhat, ubuntu), Unix, Windows
* **DevOps tools :** Chef, Puppet , Jenkins, Git, Docker
* **Scripting Languages :** Shell(Bash) , Ruby
* **Virtualization tools :** Docker, Vagrant
* **Version control tools :** Git, Github
* **Continuous integration :** Jenkins/Hudson
* **Build tools :** Maven
* **Web/application servers :** Apache Tomcat
* **Cloud Services :** AWS
* **Monitoring tools :** Nagios **,**CloudWatch

**Educational Details:**

* B.Tech from JNTU Kakinada.

**Professional Summary:**

* Working for **IndMax** as a DevOps Engineer.

**PROJECT #1**

**Project : (Phase-2) M-BoB Mobile & Agency Banking**

**Client : BOB**

**Designation : DevOps Engineer.**

**Duration : 2015 Apr to till date.**

**Tools : Git, Jenkins, Maven, Shell Script, Chef, Docker, Aws.**

**Description:**

Bank of Bhutan got good growth in annual income and customers are also got increased based on the facilities given by the Bank. They have planned to move new CBS (core banking system) which is BaNCS. Again we have to start from the scratch to integrate with BaNCS and we have to remove Flex cube of the Mobile banking.

Roles & Responsibilities :

* Involved in **DevOps** by integrating source controls tools, Build Tools. **CI** tools and **CD** tools to start new **DevOps** services in organization.
* Built up **CI/CD** pipeline using **Git**, **maven**, **Jenkins** for JAVA and Middleware applications.
* Creating new jobs in **Jenkins** and managing the build related issues.
* Coordinating with the Development team to fix the Build related issues.
* Creating various POC’s of **CI/CD** pipelines by integrating source controls tools **GIT**, **GITHub**, Build tools like **Maven**, **CI** tool like **Jenkins** and Deployment automation tool like **Chef**
* Writing recipes using RUBY DSL, creating cookbooks for infrastructure automation, application deployment automation and managing automation.
* Given Demo to different clients on **CI/CD** pipelines to start **DevOps** services.
* Attend various trainings on **Git**, **Maven**, and **Jenkins** to create **DevOps** POC’s.
* Managing **Chef** Infrastructure automation, infrastructure-as-a-code.

**PROJECT #2**

**Project : M-BOB Card Less ATM Withdrawals**

**Client : CAPITAL ONE (BANKING) (TECH OPS)**

**Designation : Build and release Engineer**

**Tools : GIT, Maven, Jenkins, Apache Tomcat**

**Duration : 2013 Oct to 2015 Apr**

**Description:**

Bank of Bhutan (M-BoB) Mobile and Agency Banking, the first Mobile banking solution for Bank of Bhutan customers, in whole Bhutan country, Customers can use this advanced feature in all Bank of Bhutan ATM’s. Without ATM Card they can with drawn money from the ATM’s, by using mobile banking.

**Roles & Responsibilities:**

* Creating automated build and release environment using Continuous Integration tools Jenkins.
* Trouble shoot the build and Deploy issues.
* Responsible for Release activities and Roll-back if required.
* Maintain server loads across all environments.
* Written and maintain maven pom.xml file to crate artifacts.
* Maintain baseline code in repository and responsible for branching, merging and tagging.
* Part of Configuration Management to provide access Permissions to developers for checkin, checkout
* Prepared Build Report for each and every build.
* Supported application development on UNIX and Windows server.
* Responsible for Pre and Post production Steps.
* Deploying applications in all environments like SIT, UAT,PROD.
* Installing and Configuration of Continuous Integration Tools Jenkins.
* Configured **CI**, Nightly and Release builds/jobs in **Jenkins.**
* Performed code merges on a regular frequency to integrate the source code from various branches.

**Place: Your’s Sincerely**

**Date: (LAVANYA)**