**Keerthi G Email:**Keerthi.gkb@gmail.com

**DevOps Engineer Mobile:** +91- 8431955586

**PROFESSIONAL SUMMARY:**

* Having 4 years of **IT** experience as **DevOps Engineer** in automating, building, deploying and releasing of code from one environment to another environment.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile**, scrum methodologies.
* Knowledge of SDLC life cycle Build and Release process.
* Experience in using **Git, GitHub, Maven, Jenkins, Ansible, Docker and AWS services** which

reduces the effort of developers and operation team in performing maintenance and daily operations.

* Experience in working on source controller tool like (Global Integration Tool) **GIT**.
* Strong knowledge on source controls concepts like Branches, Merges and Tags.
* Managed various environments like **DEV, QA**, and **UAT/STAGING**, **PROD** for various releases and designed instance strategies.
* Experience in using **Maven** as a build tool for building deployable artifacts (WAR & EAR) from source code.
* Experience in using **Nexus** Repository Manager for Maven builds.
* Installing, Configuring and maintaining **Continuous integration**, Automation and **Configuration Management tools**.
* Extensive experience with **CI tools (Jenkins)**.
* Automated deployments to various environments like **DEV, QA, UAT/STAGING.**
* knowledge of  **GIT,SVN** and **Jenkins** Continuous Integration Server – Installation, Configuration, Design and Administration, plus experience of extending and integrating these tools with other systems, platforms and processes using Java, ShellScripting etc.
* Experience in creating Jenkins Parallel job execution with **Master, Slave to distribute load**.
* Experience is using **Tomcat, Jboss/Wildfly** application servers for deployments.
* Hands on experience in setting up the CI/CD pipelines using **Jenkins, Maven, Nexus, GitHub, Ansible, SonarQube and AWS.**
* Application Deployment and environment configuration using **Ansible.**
* Responsible for **creation** and **uploading** management of **Ansible playbooks**.
* Experience working on several **Docker components** like **Docker Engine**, Hub Machine, creating Docker images, **Docker Registry** and handling multiple images primarily for middleware installations.
* Responsible for creating of **Dockers images** and pulling images from **Docker Registry**.
* Having Good Knowledge on **Kubernetes.**
* Having Good Knowledge on **Terraform.**
* Strong knowledge and experience in AWS services like **EC2, S3, IAM,ELB, VPC**.
* Regular builds, monitoring **Cron Jobs**, and reporting status.
* Experience in using Bug Tracking tools like JIRA.
* Good experience in **Amazon Web Services** environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load Balancers.
* Knowledge on creating, deleting and updating the buckets in S3.
* Having strong Knowledge on **LINUX** environment.
* Scheduling of automatic repetitive jobs with **Crontab**.
* Implementing scripts like **shell Scripting**.
* SSH configuration.

**Education Qualification:**

Bachelor of Degree, SK University, Anantapur**.**

**Professional Experience:**

Currently working as **Devops Engineer in Tech Mahindra,** Bangalore (From July 2015 –Till Date).

**Technical Skills:**

* SCM Tool : GitHub
* Build Tools : Maven, Ant
* Automation Tools : Jenkins, Ansible, Docker, Docker Swarm, Kubernetes.
* App & Web Servers : Apache Tomcat and JBoss.
* Monitoring Tools : Nagios
* Scripting : Shell Script
* AWS Services : EC2,ELB,AutoScaling,S3,VPC.

**Professional Experience:**

**Project 2:**

Client : Close Brothers, UK

Environment : Jenkins, Maven, Nexus, Git, Tomcat, SonarQube, Ansible, Docker, Nagios, AWS cloud.

Duration : February 2017 to till date.

Role : Devops Engineer.

**Responsibilities:**

* Managed GIT as Source Control Systems.
* Built Continuous Integration Environment (Jenkins).
* Participated in all Product Release and Patches.
* Creating and managing slave nodes in **Jenkins**.
* Defined the Build and automated Testing Infrastructure. Educated both Development and QA teams with the tools and process.
* Manually deployed **WAR, JAR** files to various environments as part of release process.
* Involved in merging branches, updating deployed modules etc.. during release processes.
* Clear understanding of deployment concepts of **Tomcat/Apache** apps.
* Sometimes helped in smoke testing after performing releases in absence of developers
* Worked on **Jira** for bug tracking.
* Implementing scripts like **shell Scripting.**
* Experience with architecting application on **AWS** using different resources like EC2.
* Used tools like **Ansible** for automation.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux) and Configuring launched instances with respect to specific applications.
* Installed application on **AWS** EC2 instances and also configured the storage on **S3** buckets and creating **VPC (virtual private cloud**).
* Write **Ansible** Playbooks for automating manual task.
* Branching, Tagging, Release Activities on Version Control Tools: **GIT**
* Managing **Docker** containers for different Environment.(DEV,STAGE, PROD etc.)
* Implemented Continuous Integration using **Jenkins**.
* Manage the Subversion branching strategy for a few applications.

Project 1:

Client : Novo Nordisk Pharmaceuticals, us.

Environment : **GIT, Maven, Jenkins, shell scripts, Tomcat**.

Duration : July 2015 – Jan 2017.

Role : Build & Release Engineer.

**Responsibilities:**

* Responsible for Continuous Integration and Continuous Delivery process implementation using Jenkins along with  Shell scripts to automate routine jobs
* Coordinate and assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT.
* Daily activities include creating builds for multiple projects, deploying the artifacts in multiple QA and DEV environments and debugging issues.
* Performing both manual and automation builds using Maven and Jenkins.
* Ansible is the primary automation tool in configuring and deploying artifacts to several environments.
* Setup and configuring jobs in continuous integration tool Jenkins for project builds.
* Interacting with developers to sort out issues related to Build Automation.
* Involved to Deploy the War files in Apache Tomcat server.
* Created the Branching Strategy for the parallel development.