**Devops with 6.6 years**

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**Professional Experience**

**Company:** Sutherland, Bangalore

**Duration:** June-2014- till date



**Skills**

* Operating System : Linux, UNIX, Windows
* Build Deployment Tools : Jenkins, CI/CD with Jenkins pipeline
* Build Environment Tools : Maven, ANT, Makefile
* Defect Tracking Tools : JIRA
* Version Control Tools : GIT, GITHUB
* Server Administration : Linux Build Server, apache Tomcat, Ldap, bugzilla, Git, Jira, Jenkins
* Scripting Languages : Shell Scripting
* Cloud environment : **AWS**
* Devops tools : **Ansible, Docker, Kubernetes, Terraform**
* Other tools : Nagios,SonarQube,Artifactory



**Work Experience**

**Technologies : Linux, Shell Script, Jenkins, GIT, Maven, ANT, Makefile, Apache Tomcat, AWS, Ansible, Terraform, Docker, Kubernetes, Nagios, Java, Sonarqube, Jfrog**

**Duration: June 2014 – till date**

**Team Size: 5**

**Project Description:** Providing software for medical imaging, monitoring, biomanufacturing, and cell and gene therapy technologies, software enables precision health in diagnostics, therapeutics and monitoring through intelligent devices, data analytics, applications and services.

**Roles and Responsibilities:**

* Worked on **Devops activities to automate process and CI/CD** for delivering our builds quickly to prod environment
* Worked on spinning up virtual network like VPC, attaching SG, NACL using IaC **Terraform**
* Worked on infrastructure automation to manage configuration of aws resources using Terraform
* Created **AWS EC2 instances and migrated all existing setup** to AWS cloud
* Worked on Kubernetes
* Automating environment build and provisioning using containerization and orchestration tools with **Docker and Kubernetes**
* Trouble shooting issues related to these tools. Supporting Developers in day to day Activities.
* Working on **CI and CD**. Automated **complete CI process using Jenkins from the scratch**
* Installed Jenkins, created jobs for builds, deployment and other tasks to automate
* Worked on scripting to automate manual and repetitive tasks
* Created **AWS EC2 instances and migrated all existing setup** to AWS cloud
* Worked on **creating S3 bucket and also attached volume** to running instance
* Worked on **IAM service and also creating VPCs**
* Installed Apache Tomcat using Ansible and managing servers using Ansible.
* Worked on docker and setup Jenkins on docker.
* Responsible for releases, doing builds and managing build system
* Responsible for creating branches, merging and resolving merging conflicts.
* Debug build failures and worked with developers and QA personnel to resolve related issues.
* Writing shell scripts to automate manual and repetitive tasks. Responsible for modifying and tuning existing scripts.
* Enough understanding to debug or specify major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple-branches environment.
* Worked on branching and merging. Creating branches for different teams. Merging branches periodically and according to requests from dev teams.
* Giving knowledge to developers about version control and build/release concepts.
* Work closely with system Engineers, QA, business and other teams to ensure automated test efforts
* are tightly integrated with the build system and then test results of various functionalities are sent to the team after running automated tests on newly deployed code.
* Excellent Knowledge of Application Lifecycle Management, Change & Release Management process.
* Deployed all applications into test and production environments.
* Worked closely with application developers to devise robust deployment, operating, monitoring, reporting for the applications
* Participated in the release cycle of the product which involves environments like Development, INT, QA and Production.
* Used GIT for branching, tagging, and merging
* Involved in developing some shell script to make support work easier.
* Helping developer’s issues that are related to version control.
* Generate report and send an email to managers about status of daily builds and weekly builds.
* Instrumental in setting up projects involving creation of release specific branches, build environment and automate build according to development team’s requirements.
* Documenting SCM guide and responsible for maintaining it.
* Sharing knowledge with team members and new joiners.

**Environment: CI/CD, Linux, shell scripting, Maven, AWS, Docker, Kubernetes, Terraform, Ansible, GIT, Maven, Jenkins pipeline, Java**

**Deliverables:**

* Manage branching, merging and releasing activities for the engineering applications and libraries that make up our large service-oriented platform.
* Responsible to patch builds, daily builds, weekly builds and resolving issues related to build failure.
* Automating build and release activities using shell scripting.
* Source code branching strategies and methodologies for development and releases.
* Managing automation for customer access permission on git servers.
* Design, implement, and maintain continuous build and deployment mechanisms.
* Managing build infrastructures environment setups and monitoring daily operations in Jenkins and enhancing/troubleshoot issues/problems.
* Identifying and driving automation of tasks associated with continuous integration and release process

**Role:** DevOps engineer

* Responsible for Build and Release Management, Deployment Management, Environment Management, Incident Management and main contact POC for Build and Release
* Develop continuous Integration and branching strategies for Build and deployment
* Jenkins implementation/configuration for automated builds/releases/deployments on both Back-end and Front-end code
* High code quality standards are maintained by implementing Code Scan Utilities and automating the process with Build & Release Frameworks
* Configured plugins in Jenkins and setup master-slave to distribute load on different servers.
* Doing patch and Load builds. Debugging and fixing issues if there are any build failures.
* Responsible for merging branches and resolving conflicts.
* Responsible for Continuous integration and scheduling builds.
* Debugged build failures and worked with developers and QA personnel to resolve related issues.
* Have worked on Docker & Docker swarm operations.
* Have been using Kubernetes to manage container services



**Education**

* BE in Computer science - Khaja Bande Nawaz College of Engineering - VTU -Gulbarga - June 2012
* PUC - N V PU college - Gulbarga - PU Board Karnataka - May 2006
* 10th - N V school- Gulbarga-KSSEB- May2003

**Date of birth:** 29-jan-87