**Krishna M S**

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## Objective:

To work with a progressive and professional organization with challenging and responsible opportunities which will help to improve my knowledge and utilize my strengths with skills.

## 

## Profile Summary:

* Having **6+ years** of experience working in DevOps area,working with various **CI/CD** implementations involving different phases from code compilation to deployment, Environment management and maintenance.
* Worked on continuous integration tool **Jenkins** by creating & scheduling jobs. Extensively worked with software configuration management tool **Git** and build tool **Maven** to generate final artifacts.
* Completely handled builds and deployments for testing environments like DEV,QA and UAT.
* Hands-on experience on **Docker** like creation of Docker images, Docker containers,managing Docker images in the Docker-registry and deploying applications into different environments using Docker.
* Hands on experience on configuration tools like **Ansible and Ansible Tower.**
* Hands on Experience with core concepts such as setup, **Inventory, Playbooks, Roles, Tasks and Modules** in Ansible.
* Good experience in Amazon Web Services (AWS), Creating EC2 Instances, and configuring all necessary services.
* Managed Amazon Web Services like EC2, S3,ELB, Auto-Scaling, IAM through AWS Console.
* Hands-on experience on **Kubernetes and Spinnaker**
* Creation of Index and on boarding hosts and Logs details in **Splunk Dashboard.**
* Hands-on experience on application server **Apache-tomcat and Wildfly** for deployments.
* Managing the roll out schedules, work across functional groups involved in the release.
* Working experience on operating systems like Windows, Linux, Unix etc.
* Worked closely with software developers, QA & IT team to debug build failures.
* Tracking of all build related bugs using ticketing/bug tracking tool Like **Radar**/**Jira**.

**Education:**

* B.E in Information and Science, VTU Belgaum-2011

**Professional Experience:**

* Currently working as a Senior Software Engineer for **QUEST GLOBAL Engineering Services Private Limited**, Bangalore from September-2018 to Till Date.
* Worked as a **Software Engineer** from Oct-2014 to Sep-2018 for **CIL Infoserve Limited,** Hyderabad.
* Worked as a **Operation Executive** from Jul-2013 to Aug-2014 for **Core Integra,** Bangalore.
* Worked as a **Operation Executive** from Jan-2012 to Jun-2013 for **Genius Consultants Limited**, Bangalore

**Technical Expertise:**

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| --- | --- |
| **Version Control Systems** | Git,Github |
| **Build Tools** | Maven |
| **CI Tools** | Jenkins |
| **Containerization** | Docker |
| **Configuration Management** | Ansible,Ansible Tower |
| **Orchestration** | Kubernetes,Spinnaker |
| **Cloud computing** | AWS |
| **Scripting Languages** | Shell scripting |
| **Web/App servers** | Apache Tomcat,JBoss,Wildfly |
| **Platforms** | Linux,Windows |
| **Monitoring Tool** | Splunk |
| **Other Tools** | Jira,Radar |

**Project Details :**

* **Project #1: Apple IS&T Employee Systems.**
* **Technologies:**Git,Jenkins,Maven,Apache,JBoss,Ansible,AnsibleTower,Docker,Kubernetes, Spinnaker,EC2,ELB,S3,Elastic Search,Splunk.
* **Duration:** September2018 – Till Date

**Roles and Responsibilities:**

* Provide services in relation to configuration management methodology implementation and administration.
* Creating ACL’s.
* Use GIT as version control for Mobile builds.
* Use Jenkins for continuous integration.
* Use Ansible and Ansible Tower for Deployment purpose.
* Use Maven build tools.
* Manage and debug build failures and work with developers and QA personnel to resolve related issues.
* Fix bugs related to infrastructure and code bases.
* Update and editing make files based on user requirements.
* Deploy the changes and help development teams in their deployment and post deployment monitoring.
* Specialize in automating tasks and process through scripts, implementing branching models and remote site development administration.
* To monitor build pools health.
* Long running builds monitoring.
* Onboard the server and logs details in Splunk Dashboard and Monitoring.
* Created Spinnaker Pipeline for Continuous deployment for Kubernetes Applications.
* **Project #2: JAAS – Jmeter As a Service (DELL Internal Project)**
* **Technologies:** Git, Maven, Jenkins, Docker, Ansible, Tomcat, Linux, Jira.
* **Duration:** August 2016 – September 2018

**Roles and Responsibilities:**

* Creation of new version controlled branches, merging branches, resolving merge conflicts in **Git.**
* Participated in the release cycle of the product which involves environments like Development, UAT and Production.
* Create continuous integration/deployment by integrating and improving client infrastructure and **build pipelines.**
* Providing support to **GIT related issues** to developers
* Research the project application architecture to support/resolve build, compile, and test issues/problems.
* For new applications, work with development to get the requirements of application build and deployment process
* Setup and configuring jobs in **Jenkins** for project builds.
* Perform the tasks of build scheduling, automation and creating patch builds.
* Managing Shell scripts to automate deployment of war file into non-

productions environments using Jenkins.

* Tracking of all build related bugs using **Jira**.
* Worked on containerization tool **Docker**  to generate docker images for RC builds and push those images to docker Registry.
* Deployment of application in to different environments using **Ansible** Playbooks.
* **Project #3:** JC Whitney
* **Duration:** Oct-2014 to Aug-2016
* **Role:** Build Release Engineer
* **Technologies:** Jenkins, Maven, Git, Linux.

Responsibilities:

* Manage source control repository in **GIT**– controlling and monitoring Source code & create tags for builds.
* Create continuous integration/deployment by integrating and improving client infrastructure and **build pipelines.**
* Configuring **Jenkins** with **GIT** and scheduled jobs using **Poll SCM** option.
* Created and setup automated **nightly build** environment for Java projects using **Maven** and **Jenkins**.
* Created and maintained documentation of build and release process and application configuration to comply with audit requirements and industry best practices.
* Worked with Development Team Leads and testing team to establish a build schedule, execute software builds, and troubleshoot build failures, if any.
* Designed and implemented automation deployment using Jenkins to promote major releases, monthly releases, and patches to preproduction environment.
* Building the source code using **Maven** and integrate same on **Jenkins**.
* Responsible for weekly and daily work checks and backups.
* Perform **code merges** and product integration builds.
* Manage merges between project branches and streams and advising developers regarding best practices.

**Place: Bangalore Chandan H S**