Sudeesh N

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Seeking Challenging assignments roles **in DevOps, AWS**, CI&CD, SCM, Release Engineer/Management, source code admin and maintenance with the organization to repute.

PROFESSIONAL SUMMARY:

* 4 years of experience as a DevOps/Release Engineering in automating, building, deploying and releasing the code for different environment on-premise and AWS Cloud.
* Expertise in implanting the DevOps architecture using version control tools,Maven Jenkins
* Exposure of using Yaml, and shell.
* Experience in working on source control tool like Clearcase, GIT
* Fulfilling the role of release engineer in respects to our code. Responsible for QA, code merge.
* Experience in using Maven and Ant as build tools for the building of deployable artifacts (jar, war, ear, and bar) from source code.
* Extensively worked on Jenkins for continuous integration and for build and deployment.
* Experience in working with Remedy & ClearQuest
* In-depth understanding of the principles and best practice of software configuration management (SCM).
* Strong knowledge on source controller concepts like Branches, Labels and Merges.
* Worked with Engineers, QA, Business and other teams to ensure automated test efforts are tightly integrated with the build system and infixing the error while doing the build and deployment.
* Exposed to all aspects of SDLC such as Analysis, Planning, Developing, Testing, Implementing.
* Expert in deploying the final artifacts through web application server.
* Efficient in working closely with teams to ensure high quality and timely delivery of build and releases.
* Excellent experience in documentation and automating the build and release process.
* Having good experience in container orchestration using Docker.
* Well versed in generic Administration tasks of creating Docker images managing versions, container networking and standard Infrastructure maintenance tasks on Docker platform.
* Worked extensively on up gradation of the application servers such as ClearCase, Git & Jenkins.
* Ability in managing all the aspects of the software configuration management process including code compilation, packaging, deployment, release methodology and application configuration.
* Meeting SLA within the agreed timeline with different stakeholders.
* Devising the best tools and systems to monitor performance and to implement strategies

**Technical skills:**

**Cloud Platform** Amazon Web Services (AWS)

**Configuration Management** Ansible

**Continues Integration** Jenkins

**Containerization tool** Docker, Kubernetes

**Monitoring tools** Nagios

**Build Tools** Ant, Maven.

**Version Control Tools** GIT, ClearCase

**Web Servers**  Tomcat and WebSphere

**Languages** Shell, Python

**SDLC**  Scrum, Agile, Waterfall Methodology

**Operating Systems** Ubuntu, Linux, Unix, Windows

PROFESSIONAL EXPEREINCE

 **Dec 2018 to till date**

**Client: HCL**

**Role: Devops Engineer**

Responsibilities:

* Worked with agile development team to deliver E2E in CI&CD product in open source environment using Jenkins.
* Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3 and ELB.
* Enabling customer to better manage software development, deployment & infrastructure with tools such as Ansible, Jenkins, Docker, ClearCase and GitHub.
* Defined dependencies and plugins in Maven for various activities and integrated Maven with GIT & ClearCase to manage and deploy project related tags.
* Integrated GIT & ClearCase to automate the code Check-in process.
* Implementing a clustering solution using Docker.
* Performed regular software release build and deployment based on defined process and procedure.
* Built deployment pipelines using Jenkins as a frontend for continuous deployment for different environment.
* Using Docker in environment variables, configuration files, option types, strings and integers.
* Configuration of Jenkins along with Maven for automated build and deployment.
* Expert in installing and administering the version control tools and integration tools.
* Supporting Ansible module for the desire state of system.
* Provided support and documentation for automated virtual machine deployment using Ansible.
* Expertise in provisioning the continuous integration environment using Jenkins.
* Storing build artifacts in CMDB.
* Managed Maven project dependencies by creating parent-child relationship between projects.
* Architected, Design and implemented build, deployment and monitoring management with respect to DevOps.
* Experience in using Ansible playbooks, towers and inventory.
* Expertise as configuration management of the infrastructure using Ansible.
* Developed and supported the software release management and procedures.
* Performed all necessary day-to-day ClearCase/GIT support for different projects.
* Responsible for design and maintenance of ClearCase/GIT repositories, views and access control strategies.
* Design and implemented ClearCase and GIT metadata including labels, elements, triggers and hyperlinks.
* Implemented and maintained branching\stream and build/release strategies.
* Involved in periodic, archiving and storage of the source code for disaster recovery.
* Work closely with developers in resolving the build failures.
* Developed, maintained and distributed release notes for each scheduled release.
* Created repositories and appropriate metadata, performed merge and executed builds on the pool of dedicated build machines.
* Created IAM roles for the kubernetes cloud setup.
* Created Kubernetes deployment, Network policy etc.
* Created Kubernetes dashboard, Network policies

Environment: ClearCase, GIT, Ansible, Docker, Windows, UNIX, Jenkins, Remedy, Ansible and Nagios.

JOB DESCRIPTION

**Client: IBM Nov 2016 –Dec 2018**

**Role: Software Engineer**

Responsibilities:

* Setup and install required software’s and configure in the process of CI/CD using Jenkins.
* Creating multiple Jenkins pipelines for specific markets and monitor the build process find solution for failure Jenkins jobs
* Managing Jenkins and Job configuration in server Level
* Master/Slave Configuration
* Jenkins Plugin development
* Creation of Matrix based and Free Style Jobs creation
* Scheduling jobs in Jenkins
* Pre-and post-build action
* Archiving Outputs
* Managing Upstream and downstream Projects
* Extension of Plugins as per the requirement
* Setting up of eclipse development environment for plugin development
* Setting up of Debugging mode of Jenkins using Maven
* Jenkins Integration with ClearCase
* Administer ClearQuest® user and groups accounts.
* Administer and Configure functionality of ClearQuest Web and ClearQuest e-mail subsystems.

* Track and Monitor changes w.r.t release management lifecycle.
* Doing Daily builds and deployment based on the developer request as well as weekly build and deployment using Maven and Tomcat
* Setup and install required software’s and configure in the process of CI/CD using Jenkins.
* Creating multiple Jenkins pipelines for specific markets and monitor the build process find solution for failure Jenkins jobs
* Built and deployed Docker containers to break up monolithic app into micro services, improving developer workflow, increasing scalability, and optimizing speed.
* Used Ansible as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Managing all phases of build and release activities, dependency management and deployment strategy.
* Used Ansible as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Analyzed and established risk assessment of all the submitted tasks and provided to the senior management.
* Assess, review, approve requested changes and track monitor business changes until delivery.
* On call for any technical, operational, approvals etc.
* Ensuring that no change has been made without going through the approval life cycle.
* Administer ClearQuest system including installation, upgrade, import, export, and integration.
* ClearCase and Multisite Administration
* Handling upgrades and patches to the ClearCase installations.
* Resolve end user issues relate to view, Checkout, Check-in, CCRC etc.
* Create, Manage, Sync, and Monitor replicas. Recover loss Packet if replicas are out of sync.
* Deal with mastership related issues.

Environment: Windows, ClearCase, Jenkins, and ClearQuest, Git.

Education:

* B. Tech (Computer Science and Engineering) in 2016 with 68% score from Prathyusha Engineering college, Chennai.

Declaration:

I hereby declare that all the information above is true to the best of my knowledge.

Place: Bangalore