**Devops Engineer**

**Email-id: reddysreekanth1992@gmail.com** **Mobile: +91-8970834581**

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**Objective:**

Well versed in software production, development life-cycle and release of software products. Looking for a responsible position as a Build and Release Engineer in an established IT firm 4+ years of experience on DevOps Engineer activities.

**Profile Summary:**

* Having 4+ years of IT experience as Devops Engineer and Software Configuration activities and deployment activities for web-based software applications.
* Proven experience on create Branching and Tagging concepts in Version Control tool like GIT.
* Proven experience on Build Tools like Maven.
* Performed installation & configuration of Tomcat application server, and Apache server.
* Experience on building and deploying Java web applications in Apache Tomcat.
* Good experience in automating build process using Jenkins tools.
* Proven experience on Jenkins CI tool- Configured Jobs for Nightly & Milestone builds.
* Proven Good experience in configuration management tools like Chef, Knowledge on Ansible.
* Hands on experience in creating Chef Recipes, cookbooks for cloud automation (AWS)

and Application deployment automation.

* Extensively used Code Commit, Code Pipeline.
* Uploading cookbooks to chef server and managing those cookbooks.
* Experience in working with Amazon Web Services (AWS), Creating EC2 Instances and configuring all web Services like EC2, S3 bucket, ELB, IAM through AWS Console.
* Worked on Dockers Including Docker Installation, Creating Images and Containers.
* Expertise in creating DevOps strategy in a mix environment of Linux (RHEL, CENTOS,) servers along with Amazon Web Services.
* Creating, deleting the users, directories partitions, giving the permissions in linux.
* Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the Dev team.
* Proven experience on continuous Build and Deployments to multiple environments like Dev, QA, Performance and UAT.
* Managed daily builds and releases to QA. Debugged build failures and worked with developers and QA people to resolve related issues.
* Familiar with Software Development Life Cycle (SDLC) processes.
* Well Exposed in Build and Release Systems for Web-Based software systems.
* Responsible for Creating and maintaining builds and Administering Jenkins and Involved in Deployment related activities.

**EDUCATIONAL:**

Bachelor of Computer Science 2013 from S K University (SKU) – Anantapur

**Professional Experience:**

* Working as a Devops Engineer at **Cybage software Pvt ltd**, Feb 2016 to till date.
* **Technical skills:**

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| **Operating Systems** | Linux, UNIX & Windows |
| **Version Control Tools** | GIT |
| **Build Management Tools** | Maven, ANT |
| **Scripting Languages** | Shell Script |
| **Application Servers** | Apache Tomcat |
| **Continuous Integration Tools** | Jenkins |
| **Web Server** | Apache HTTP |
| **Configuration Management Tools** | Chef |
| **Virtualization Tools** | Docker |
| **Cloud Tools** | AWS |

**PROJECT**

**Project :** Integrated Customer Platform (ICP)

**Platforms :** Windows 7, 8, Linux

**Technology :**  GIT, Jenkins, Maven, Chef, AWS, Docker

**Database :** SQL Server, MySQL

**Application Server :** Apache Tomcat7 Server

**Designation**  **:**  Devops Engineer

**Description:**

Sentinel EMS is a web based Licensing and [Entitlement Management](https://sentinel.gemalto.com/software-monetization/sentinel-entitlement-management/) system that enables software developers and device manufacturers to maximize revenues and streamline business operations. The Sentinel platform includes out-of-the-box interfaces for license generation, activation, tracking, reporting, and back-office integration and customer self-service portals.

**Roles & Responsibilities:**

* Software Configuration management (Build and continuous Integration using Maven, Jenkins &GIT.)
* Created release branches in GIT by GIT Administration including branching, reporting

and assisting with project and end user support.

* Creating CI/CD pipelines by integrating Git, GitHub, Maven, Jenkins, Chef, Monitoring

Tools and AWS (provisioning).

* Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm. .
* Responsible for creating Builds and Deployments Planes.
* Creating War / Ear files using Maven.
* Hands on experience in installing and administrating CI tools like Jenkins and GIT,   
  Environments: Linux, Jenkins, Docker, GIT, Tomcat Server, Apache Server, Shell, Chef, Puppet, AWS Guidelines and published the reports.
* Performed a POC to drive Chef as the core deployment framework for all the in-house as well as to cloud, creating cookbooks & recipes
* Based deployments to Amazon–EC2.
* Responsible for taking the source code and compiling using ANT and package it in its distributable format, such as a Jar, War, Ear.
* Perform Build activities using Ant/Maven and Jenkins tool.
* Perform Deployment of War files in Tomcat application servers using Shell scripts.
* Automate the build Process Using Jenkins jobs.
* Upload Build artefacts in to Amazon S3 location.
* Worked on Jenkins tool to configure Nightly Builds to check sanity of our java source code.
* Written Chef Cookbook, recipes to automate installation of Middleware Infrastructure like Apache Tomcat, JDK and configuration tasks for new environments etc
* Perform smoke/sanity tests for the applications deployed and also troubleshoot the application for the issues that arise as part of the smoke test process.
* Wrote Shell scripts for doing Deployment and take the Git repository backups.
* Experience working on Docker hub, creating Docker images and handling multiple images primarily for middleware installations and domain configurations.
* Design and create automated Build and Deployment process.

**Professional Experience:**

* **Client:** Tata consultancy Services **Nov 2013 to 2016 Jan**
* **Build and Release Engineer**

**Roles & Responsibilities:**

* Maintain GIT Repositories, Handling Releases and Branching activities for GIT.
* Handle multiple builds from Development team, create build jobs in Jenkins and perform deployment activities.
* Responsible for taking the source code and compiling using Ms-Build/make and package it in its distributable format, such as an ISO.
* Automate the build Process Using Jenkins jobs.
* Converted and automated builds using Ant. Scheduled automated nightly builds using Subversion. Maintained Continuous integration effort with Subversion along with scheduled builds.
* Monitoring daily builds using continuous integration tool Jenkins.
* Nightly Builds and Build Setup using Jenkins.
* Date wise Daily keeping track all the Script.
* Deploying the JAR / WAR files in Tomcat app server.
* Verifying the logs if build fails
* Used Puppet to automate Configuration management.
* Work Experience on creating EC2 instances and snapshots in Amazon web services.
* Launching and configuring of Amazon EC2 Cloud Servers using AMI’s (Linux/Centos) and configuring the servers for specified applications.
* Performing deployments to multiple environments like Dev, QA, Perf, UAT& Production envs.
* Writing a Linux Shell Script and schedule in the respective run levels for automate day-to-day activities such as auto start application server, web server, log rotate and removing the old logs.

**Declaration:**

I hereby declare that the above stated information is true and correct to the best of my knowledge

**Date:**  (**SREE KANTH REDDY**)