**K Rajinikanth**

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**Professional Summary:**

* **Configuration Management, Deploy, Build and Release Management, AWS**, **Devops** Methodologies.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile,** scrum, and **Waterfall** methodologies.
* 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.
* 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.
* Experienced in branching, tagging and maintaining the version across the environments using **SCM** tools like **GitHub**, Subversion (SVN) and TFS on Linux and windows platforms. Maintained and administered GIT source code tool. Imported and managed multiple corporate applications into **GitHub** code management repo. Creating user level of access for related **GitHub** project directories to the code changes.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Ability to work closely with teams, in order to ensure high quality, timely delivery of builds &releases.

**Experience Details:**

Currently Working as DevOps Engineer for IBM, Chennai from Aug 2016- Till date.

Worked as a Build and Release Engineer for ACCENTURE, Noida from Jun 2015 to July 2016.

**Technical Skills:**

**Operating Systems : RHEL, Centos, Ubuntu**

**Configuration Management Tools : Ansible, Chef**

**CI/CD Tools : Jenkins, Maven**

**Version Control : Git**

**Code analysis : Sonarqube**

**Monitoring : Nagios**

**Application monitoring : ELK**

**Virtualization : Vagrant, VirtualBox**

**Application servers : Tomcat, Jboss**

**Scripting Languages : Shell, Ruby**

**Cloud Platform : AWS (IAM, EC2, S3, Glacier, VPC, Route 53,**

**ELB, Auto Scaling)**

**Carrer Experience:**

**Devops Engineer**

**Roles & responsibilities:**

* Worked on variety of UNIX platforms **RHEL 5.x/6.x** which includes installation, configuring and maintenance of applications for prod/stage/dev environments.
* 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, AWS Guidelines and published the reports.
* Created Branches, Labels and performed Merges in Stash and **GIT**HUB.
* Performed a POC to drive Chef as the core deployment framework for all the in-house as well as to cloud, creating cookbooks & recipes.
* 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.
* Experience in implementing new **AWS** instances and working with **EBS** and **S3** storage, **IAM.**
* Configured **S3** versioning and lifecycle policies to backup files and archive files in **Glacier.**
* Hands on experience in monitoring **EC2** instances using **Cloud Watch.**
* Hands on experience in **Amazon Web Services (AWS)** provisioning and good knowledge of **AWS** services like **EC2, S3, Glacier, ELB (Load Balancers), RDS,** and **EBS** etc.

**Environments:** Linux (RHEL 6/5), AWS (EC2, S3, VPC, Cloud watch, Route 53, AMI), ANT, Maven, Git, SVN, Chef, Ansible, Docker, GitHub, Jira.

**Build and Release Engineer**

**Roles & responsibilities:**

* Responsible for the building and deploying the artifacts into DEV, SIT and QA Environments.
* Management of Customer Requirements and documentation of the Project Plan as per the requirements.
* Responsible for designing and deploying best **SCM** processes and procedures.
* Updated Release reports from change management control.
* Maintained and Administered **GIT**HUB Source Code Tool.
* Created Branches, Labels and performed Merges in Stash and **GIT**HUB.
* Proposed and implemented branching strategy suitable for Agile development in **Subversion.**
* Developed build and Deployment Scripts using **ANT** and **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
* Implemented **Maven** builds to automate JAR and WAR.
* Installed and administered Artifactory repository to deploy the artifacts generated by **Maven** and to store the dependent jars, which are used during the build.
* Integrated **GIT**HUB into Jenkins to automate the code check-out process.
* Used **Jenkins** for Automating Builds and Automating Deployments.
* Managed Build results in **Jenkins** and Deployed using workflows.
* Maintain and track inventory using **Jenkins** and set alerts when the servers are full and need attention.
* Used **JIRA** for change control & ticketing.
* Developed automation and deployment utilities using **Ruby**, Bash, Power**Shell**, **Python**.
* Worked closely with software developers and DevOps to debug software and system problems
* Formulated and executed designing standards for DNS servers.

**Environments:** Java/J2ee, ANT, Maven, GIT, Subversion, Jenkins, Jira, Linux, Shell Scripts, Apache Web Server, JBoss Application Server

**Education:**

Tharnaka Sri Sai Academy Degree College, Bhundelkand University, B.com (Computers), 2013.