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**CloudOps Engineer**

**PROFILE SUMMARY**

* An accomplished professional with an experience of over 3+ years in AWS, Configuration, Build and Release Management, AWS cloud operations.
* Currently associated with **Config consultant’s** as a CloudOps Engineer.
* Significant working experience in automation tools Jenkins, AWS Cloud, Maven, Git Hub, Git, SonarQube, Nexus and Operating Systems, bug tracking tools, Build Tools etc...
* Excellency developing and maintaining CI and Continuous Delivery software tools that will support, enhance and grow Internet Application teams capabilities
* Experience working with Jenkins, Maven, Git, GitHub, AWS Cloud, Jira.
* Experience in building scalable and highly available distributed systems
* Extensively used CodeCommit, CodePipeline, Code Deploy
* CloudWatch for monitoring server metrics, creating alarms & integrating with autoscaling.
* Configured security groups, Network Access Control List, Routing Tables
* Managed Amazon Web Services like EC2, S3 bucket, EBS, ELB, Auto-Scaling, AMI, IAM through AWS Console

**ORGANISATIONAL EXPERIENCE**

**Oct'16- Till now CloudOps Engineer at Config consultant’s from Bangalore**

**Aug’2014-Oct’16 Build & Release Engineer at Kaseya software Solutions from Bangalore.**

**EDUCATION**

* Master of Business Administration in JNTU, Hyderabad.
* Bachelor of science in Computers from Nagarjuna university , Guntur.

**IT SKILLS**

Source Code Manageent :GIT

Build Tool :Maven

Continuous Integration : Jenkins

Scripting Languages **:**Python , Linux.

Cloud :AWS Cloud

**ANNEXURE**

**Environment:**

**Redhat(5.x), Jenkins, AWS cloud, EC2, ELB, S3, CloudWatch, Cloud Formation, Git, Maven, Jenkins, Nexus Pro, SonarQube, Jira.**

**Roles & Responsibles:**

* Creating CI/CD pipelines by integrating Git, GitHub, maven, Jenkins, Chef, and AWS (provisioning).
* Building and implementing new projects builds framework using Jenkins and Maven as build framework tools as Continuous Delivery framework using Jenkins, Chef and Maven in Linux environment.
* Involved in setup the DevOps by integrating Source controls tools, Build Tools, CI tools and CD tools to start new DevOps services in organization
* Built up CI/CD pipeline using Git, maven, SonarQube, Nexus, Jenkins for JAVA and Middleware applications.
* Creating new jobs in Jenkins and managing the build related issues.
* Coordinating with the Development team to fix the Build related issues.

Creating CI/CD pipelines by integrating source control tools GIT, GitHub, Build tool like Maven, CI tool like Jenkins and Deployment automation tool like Chef

* provide infrastructure automation services within private and public clouds as well as team training and DevOps mentoring
* Creating continuous deployment pipeline by creating component processes, Applications and adding environments into handling deployments using code pipeline and **AWS code deployment** for various deployment scenarios like Tomcat deployment, Multiple applications deployment.
* facilitate and create DevOps culture and Automate all the things with the correct devops tool
* Designed and built highly available private AWS clouds, automated infrastructure, networks and information systems
* Configuring, Managing, Maintaining, profiling, troubleshooting and monitoring CI/CD systems.
* Configuring Auto scaling Policies of EC2 instances based on CPU, network and Memory
* Configuring Cloud Watch service for monitoring AWS resources.
* Deploying VPC and virtualizing the cloud with Subnet, Security groups, NACLs, Routing tables as per customer requirement using cloud formation etc
* Configuring AWS infrastructure resources VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, RDS in Cloud Formation templates
* Built Chef Development workflow and best practices around configuration management as well as building a strong and diverse internal Chef community.
* Designed and built a continuous integration and deployment framework for Chef Code using test driven development.
* Install / Configure /Manage / Monitor / troubleshoot Jenkins for CI/CD Automation / process.
* Created Chef Automation tools and builds, and did an overall process improvement to any manual processes
* Installed/Configured and Managed Nexus Repository Manager and all the Repositories.
* Writing recipes using ruby for infrastructure automation, application deployment automation and managing automation.
* Good experience in Chef Infrastructure automation.

**Project #2**

**Environment:**

**Redhat(5.x), Jenkins, AWS cloud, EC2, ELB, S3, CloudWatch, Cloud Formation, Chef, Git, Maven, Jenkins, Nexus Pro, SonarQube, Jira, Tomcat.**

**Roles & Responsibles:**

* Creating CI/CD pipelines by integrating Git, GitHub, maven, Sonar Qube, Nexus, Jenkins, Chef, Nginx and AWS
* Creating continuous deployment pipeline by creating component processes, Applications and adding environments into handling deployments using code pipeline and AWS code deploymentfor various deployment scenarios like Tomcat deployment, Multiple applications deployment.
* Collaborated with Development and Support teams to setup a CD(Continuous Delivery) environment for continuous build and delivery tools.
* Implementing new projects builds framework using Jenkins & Maven as build framework tools
* Worked on Cloud automation using AWS Cloud Formation templates.
* Developed automation framework for Application Deployments to the cloud environments
* Worked on Multiple AWS instances, set thesecurity groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Chef, and Python.
* Managed and optimize the CI (Continuous Integration) tools likeJenkins**.**
* Install, Configure, Administer Jenkins Continuous Integration Tool
* Implemented ChefRecipes for Deployment on build on internal Data Centre Servers.
* Used Chef, Knife, ohai to create cookbooks and recipes to install packages that automate with Linux.
* Setup ChefCookbooks to perform builds and deployment management.
* Provide stable build environments for product development.
* Branching, Tagging, Release Activities on Version Control Tools: GIT, GitHub
* Continuously updating documentation for internal knowledge base of support team and IT team

**Signature**

Subba Rao