**SREEKANTH REDDY R**

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**Email: harshisree1115@gmail.com**

**Objective**

Highly motivated and dedicated individual seeking an environment that encourages continuous learning and provide exposure to new ideas, personal and professional growth in the area of Configuration Management and Deployment Management

**Professional Summary**

Currently working inTCS from 04-2020 to till date.

2.6 yearsof experience in IT industry comprising of DevOps and Build& Release Management.

**AREAS OF EXPERTISE:**

Over 2.6 years as a **DevOps/build and release engineer** in application configuration, code compilation, packaging, building, automating, managing and releasing code from one environment to other environment and deploying to servers.

Having experience in AWS Administration and DevOps.

Experience in Administration/Maintenance of source control management systems, such as code, manage, collaborate **GIT**

Knowledge on **Docker, Docker Images, ECS, ECR, docker compose**

**Knowledge on Kubernetes, ingress controller, helm.**

Implemented **AWS Cloud platform** and its features which includes EC2, VPC, EBS, AMI, ECR, RDS, EBS, Cloud Watch, Cloud Formation AWS Config, Autos calling, AWS DMS Cloud Front, IAM, S3, R53.

Worked on cloud-based servers like **AWS**,

Proficient with container systems like **Docker** and container orchestration like **EC2 Container Service**, **Kubernetes**

Used **Kubernetes** to orchestrate the deployment, scaling and management of Docker Containers.

Good Knowledge in Shell scripting

Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all build and deployments.

Hands on Experience on Deployment and implementation of Ansible for infrastructure as code initiative

Knowledge on **Shell scripting**.

Experience in Continuous Integration and Continuous deployment using various CI Tools like **Jenkins, CICD**

Experience of working with the release and deployment in **Java** Web applications environment.

Expert in deploying the code through web application servers like **Apache Tomcat**

Solid understanding of networking concepts and conceptual understanding of protocols.

Experienced in branching, tagging and maintaining the version across the environments using SCM tools like **GIT**, and **GIT HUB**

Extensive work experience on **Apache Web server** and **Tomcat Application server**.

Hands on experience on Virtual Hosting with **Apache httpd server** using **Multiple Tomcat Clustering.**

Hands-on experience creating and managing the various development and build platforms, and

deployment strategies.

**EDUCATIONAL CREDENTIALS**

* BACHELOR of Engineering in ECEfrom A.B.R.K. COLLEGE OF ENGINGEERING**.**

**IT Skill Set**

**Operating Systems : Linux, RedHat, Centos** and **Ubuntu**

**Version Control : GIT, GitHub, Bitbucket**

**Automation/Build Tools : Maven, Jenkins, Kubernetes**

**Programming languages : Shell Script.**

**Application Servers : Tomcat, Apache.**

# Continuous Integration Tools : Jenkins.

**Scripts : Shell Script.**

**Web Server : Apache HTTP**

**Cloud Services : AWS (EC2, VPC, S3, ECS, IAM and etc.)**

**Serverless Service : Lambda**

**Cl/CD Tools** : **Jenkins**

**Orchestration : Kubernetes**

**professional Experience**

**Project: 1**

**Name:** FHIR (Fast healthcare interoperability resources)

**Client**: U.S Federal govt.

**Role:** DevOps & AWS Engineer

**Tools:** Git, Git Hub, Jenkins, Maven, Docker, Ansible,

Amazon web services, JFrog , Apache Tomcat.

**RESPONSIBILITIES:**

Launching and configuring of Amazon EC2 Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications

Configuring and Networking of Virtual Private Cloud (VPC)

Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)

Created users and groups using IAM and assigned individual policies to each group.

Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.

Having experience in AWS Services like EC2, VPC, S3, IAM, RDS, AUTO SCALING, ROUTE53, Cloud watch.

Involved in setting up the CI/CD pipeline using Jenkins, S3, Git and AWS.

Develop the automated build and deployment using Maven and Jenkins using Apache Tomcat.

Having knowledge in working with Terraform scripts for spinning up the AWS environment.

Involved in Jenkins Upgrade, User Management, Jenkins Backup and Restore.

Having experience in spinning up EC2 machines and managing VPC.

Good knowledge in RDS, Route53, ELB and Auto scaling.

Good knowledge in creating Load Balancer and target groups.

Coordinating with developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.

Installing and configuring Apache Tomcat server to deploy the build artifacts through automated shell scripts.

Writing Docker files to create images and build the containers.

Deploying in the worker nodes, and management components within the cluster such as Ingress application load balancer in Kubernetes.

Deploying in the worker nodes, and management components within the cluster such as Ingress application load balancer in Kubernetes.

Developed and maintained the continuous integration and deployment systems using, Maven, Jenkins

Created Branches and performed Merges in Git.

Good experience in creating Branches, Tags and Release Tags activities and merging.

Daily activities Included Force builds, daily patches.

As per requests to Creating and maintaining the Development branches, Release branches, custom Branches and Tags.

Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.

Maintain the Access privileges of Jenkins, version control system to developers.

Good experience in Apache Tomcat configuration.

Participated in all phases of Build and Release activities.

Managed and configured various plugins and scheduling the nightly builds in Jenkins in Jenkins CI tool.

Scheduling the nightly builds in Jenkins.

Monitoring the disk space and jobs in CI tools.

Work with various development teams to build and support automated builds, supporting daily continuous integration.

Excellent communication skills, ability to work as a team or individually, ability to learn new technologies quickly.

Designed workflows to automate the Build and Deploy Process.

**Environment:** GIT, Shell scripts, Jenkins, MAVEN, Ansible, Docker, Kubernetes, LINUX, NGINX, Apache tomcat, Windows XP, Java, J Frog.

**Project: 2**

**Name:** UTAH

**Client**: Utah state government.

**Role:** DevOps & AWS Engineer

**Tools:** Git, Git Hub, Jenkins, Maven, Docker, Ansible,

Amazon web services, JFrog , Apache Tomcat.

**RESPONSIBILITIES:**

Launching and configuring of Amazon EC2 Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications

Configuring and Networking of Virtual Private Cloud (VPC)

Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)

Created users and groups using IAM and assigned individual policies to each group.

Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.

Involved in setting up the CI/CD pipeline using Jenkins, S3, Git and AWS.

Develop the automated build and deployment using Maven and Jenkins using Apache Tomcat.

Having knowledge in working with Terraform scripts for spinning up the AWS environment.

Involved in Jenkins Upgrade, User Management, Jenkins Backup and Restore.

Having experience in spinning up EC2 machines and managing VPC.

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