|  |
| --- |
| **Sivasankar Reddy. Y Email: ysshivasankarreddy21@gmail.com**  **Phone: +91-8919221488** |

**PROFESSIONAL SUMMARY:**

I am having 4 Years of Total experience Working in Software Development Domain Services as DevOps Engineer with the ability to accomplish in all the aspects of the Continuous Integration and Delivery Process Configuration Management, Build & Release and Deployment process in On-Premises & Cloud Monitoring Services and Containerization.

**Technical Skills:**

|  |  |
| --- | --- |
| **Build & Release and CICD** | Jenkins, Maven |
| **Monitoring Tool** | AWS Cloud Watch, New Relic |
| **Version Control** | Git/GitHub, TFS, Bitbucket |
| **Cloud Computing service** | Amazon Web Services (AWS), Google Cloud Platform (GCP) |
| **Deployment** | IBM UrbanCodeDeploy |
| **Containerization** | Docker, Kubernetes |
| **Configure Management & Tool** | Ansible & JIRA |
| **Code analysis & App Server** | SonarQube & Tomcat |
| **Repository Management** | Nexus, JFrog |
| **Other Tools/Utilities** | Eclipse, Putty, Git Bash |
| **Languages** | Core java, Shell, Basics Python |
| **Operating Systems** | Ubuntu, Linux and Windows. |
| **Database** | Oracle, MySQL |

Professional Summary

* Extensively worked on **Jenkins** for **setting up the CI/CD automation** builds deployments.
* Experience in Creating Services & deploying applications using **Docker containerization** and **Kubernetes**.
* Experience in **Amazon EC2** in setting up instances, worked closely with infrastructure teams to troubleshoot complex issues and setting up security groups.
* Excellent understanding of SDLC, Traditional, Agile and other Methodologies. Expertise with UNIX and Windows environments.
* **CICD:** Used Jenkins for Continuous Integration, Continuous Delivery, and Continuous Deployment.
* Experience in Builds and Configure, manage different environments and Coordinate all Release Management activities in using IBM UCD.
* Participated in Daily Standup Meetings, Sprint Plan, and Sprint Retrospective in the Agile-DevOps.
* Worked closely with Product Management and Development Team to ensure testing is comprehensive. Involved in Requirement Management, Peer reviews, Inter group coordination and Training Programs.

**PROFFESIONAL EXPERIENCE:**

* Working as a **DevOps Engineer** in **Infosys Limited, Hyderabad** from February 2019**-** Till date.

**ACADEMIC PROFILE:**

* **Bachelor of Technology** with specialization in Electronics & Communication Engineering, **JNTU Anantapur.**

**Project:1**

Title: FC-Systems & Platforms Duration: Apr 2020 to till date

Role/Designation: Senior Associate Consultant /DevOps Engineer

**Description:**

Platform level development, support, configuration, firewall, server upgradeHandling the Infrastructure Configuration Management and Provisioning, Automation by Tools to ensure high availability in All the Environments.

**Roles & Responsibilities:**

* Setting up new Jenkins job configuration and Ensure pre and post performing build activates.
* Compiling source code with Files packed in repository and Integrating activities
* Working with Development team and modified the Jenkins Pipeline as per the requirement.
* On-boarded the new tools to the Jenkins pipeline like and Integrated with Jenkins as per client requirement.
* Worked on Creating the Central Dashboard for Monitoring Jenkins Builds, Deployments, Scan Results Analyzing quality of code (Sonar) and Tracking ‘Jira’ issues on Single dashboard.
* Configured the applications for running applications and log monitoring Continuous Monitoring.
* Worked on AWS services like Launching Ec2 Instances, Compute, Storage, Security, IAM.
* Configuring & Creating Branches Monitoring status logs, coordinating with development team to fix the build related issues.
* creating docker images with docker file and managing then in docker hub registry.
* Deploying multiple servers by containers using Kubernetes, Creating Pods, Services & deployments to expose deploying in k8s.

Technical stack: Jenkins, AWS, GitHub, Maven, Gradle,Repositories,Sonar,Docker,Kubernetes.

Project 2:

Title: CMB-DD Cloud Migration Duration: Feb 2019 to Mar 2020

Role/Designation: Senior Associate Consultant /DevOps Engineer

**Description:**

The Candidate components and integration services migration in progress through iterative drops for all DD components, migrate all DD components to Switch HK cloud solution ready to be deployed to new markets a solution ready to cloud deployment.

**Roles & Responsibilities:**

* Implemented the DevOps Pipeline from scratch as per the Client’s requirement and on boarded multiple Application(s) from Legacy Pipeline to DevOps Pipeline and had taken care of CICD/Configuration Management/Provisioning using DevOps Tools.
* Configuring a system, Management of Plugins and Nodes, Creating & Scheduling jobs, viewing the system logs, Pre-Build Actions/Post-Build Actions (in Jenkins).
* Integrated Jenkins (CICD Tool) with SonarQube, Maven, GitHub, SonarQube, Docker, Jira and Confluence, Minikube
* Infrastructure provisioning on GCP Integrated GCP to dashboard.
* Created a Jenkins file (Single Configuration file) using Groovy Script (DSL) for the Re-usability of
* the Configuration of Jobs.
* On-boarded all the applications onto Containerized Jenkins which uses a single configuration file for the complete end-end build cycle written in declarative pipeline script.
* Orchestrated Docker Container
* Resolving the Tickets/Issues using CA Service Desk Manager/Service Now and Providing the Root Cause Analysis.
* Worked closely with Architecture, Development, Testing, Security, DB and IT Services teams and helped them in improving specific Processes/Infrastructures/Strategies.
* Attended the calls Sprint Plan/Retrospective/Review, and Daily Standup Calls for the Team’s Better co-ordination to improve the visibility of Progress of Work by using Agile/Scrum Methodology for SDLC.

**Technical stack:** Jenkins, Git/GitHub, Maven, Docker, SonarQube, Nexus, Agile/Scrum, GCP, JIRA and Confluence, Terr grunt.

Employer: Tata Consultancy Services Limited (Dec 2017 to Feb 2019)

Project 1:

Title: TREX Migration TM Duration: Jan 2017 to Feb 2019

Designation: Build & Release Engineer

**Description:** The TREX Migration ensuring as part of we have setup enterprise integration process and delivery service Management that updates are relevant and Management-centric, delivered with optimum time-sensitivity

**Roles & Responsibilities:**

* Initializing the Git, adding the files, Committing, tagging & merging, Push-Pull-Clone operations using Git. Adding and giving permissions to the Users, and Automated Checkout Process in GitHub Repository.
* Working on Components, Resources, Tokens, Keys, Resource Mapping, Base URLs, Processes, Agents etc. in ‘IBM Urban Code Deploy’ for Deployment(s).
* Written Ansible Playbooks to install software’s on new build machines.
* Developed scripts for build, deployment, maintenance related tasks using Jenkins, Shell and Groovy.
* Managed and supported AWS ec2 instances launching, Security related issues such as IAM and S3 policies for user access and creating VPC, Subnets.
* Generating source code and compiling code packaging into JAR, WAR files in packaged in a Repository.
* Managing Continuous Deployment by using UCD (Dev/QA/UAT/Prod) for multiple Applications.
* Deploying the Small applications in apache Tomcat server and Monitoring log files daily basis and reporting issues to development team.

**Technical stack:** Jenkins, Git/GitHub, IBM UrbanCodeDeploy, JFrog, Maven, Groovy, Ansible, Linux/Windows.