**Sreekanth Bainaboina**

Mobile**: +91-8688124935** Email**:** **sreekanth4935@gmail.com**

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**Professional Summary**

* Holding 6.2 years of IT experience in automating the tasks as a Release and DevOps engineer**.**
* Working with CI|CD tools like TFS, Jenkins and Release management client for continuous integration end to end automation for build and deployments.
* working teams closely with teams to ensure high quality and timely delivery of build and releases.
* Expertise introuble shooting the problems generated while build, deployment and also in production support.
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and teamwork environments.
* Proficient in tracing complex build problems, release issues and environment issues in a multi-component environment.
* Monitoring the applications Using Cloud watch.
* Worked with Dev, QA and other teams to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the build and deployment.
* Having hands experience on Nagios monitoring tool to configuring services and monitoring health of the services.
* Having hands experience on cloud technology as AWS and CI | CD in Azure Cloud flat form.
* Worked on Docker container for application containerisation and integrated with portainer for Docker dash board.
* workingwithterraform as infrastructure as code for in AWS environment and on premises.
* working with Kubernetes as Docker container orchestration.

**Educational Qualifications:**

**B. Tech** from **JNTU** University in **2013.**

**Experience summary:**

* Working as a **Devops Engineer** in **ASPION Technologies Private limited, Bangalore** from August’15 to till date

**Technical Skills:**

Operating system: Windows, UNIX.

Web/App Servers: Apache, Tomcat, nginx.

Scripting Language: Groovy in Jenkins, shell script in Unix (Python knowledge)

DevOps Tools: GIT, Jenkins, Nagios, Docker, Kubernetes, terraform.

Cloud Technology: AWS (EC2, S3, VPC, ELB, Autoscalling, IAM, Route53, Cloudwatch, RDS(MySQL))

Code Projects Worked: .NET, JAVA, IOS, NodeJs, C# , PHP

Monitoring Tool: Nagios

**Projects:** Sony Liv,Toyota, PADTM Apr-2019 to Till Date

**Role:** DevOps Engineer

**Responsibilities:**

* Created the ec2 Servers using the terraform to deploying various services like Jenkins server, git server etc.,
* Created and maintain load balancers for balancing the load across the environment for smooth usage of Servers. securing the infrastructure from outside world and maintain the effective operations
* Labelling the code in repositories and maintain the timely code preparation.
* Creating the Jenkins pipeline for the code projects and running the build targets on code directories.
* Archiving the builds after build completion and saving into art factories.
* Deploying the code to different environment using Jenkins to testing and keeping build to release on time to clients.
* Monitoring the applications Using Cloud watchrepo.
* Running the SonarQube static code analysis test cases on top of build directories on build machine.
* Maintaining and ensuring the build and deploy infrastructure using Ansible play books.
* Keeping Jenkins nodes up when build will happen by checking the status of nodes using the commands.
* Using the Playbooks maintaining the sufficient AWS ec2 instances to run builds.
* After build jobs completes stopping or Deleting the instances using terraform to maintaining cost effectiveness for projects.
* Maintaining the Docker images in local Docker repository to make images for customisation.
* Writing the Docker files to customizing the images using Docker files.
* Creating Docker volumes and attaching them to required Docker containers.
* Used the Docker for application containerisation for testing and deployments environments s to maintain smooth application delivery.
* Orchestrating the Docker containers using the Kubernetes clusters to testing and deploying the application with accurately and cost effectively.
* Worked with Helm charts to reducing the number of pods and time for each task in orchestration.
* Created VMs to launching the CI Configuration on Azure environment.
* Worked on azure to create independent build jobs using TFS build tool.
* Worked on CI and CD for PADTM project in azure environment using Jenkins tool.
* Created build and deployment pipeline for different code projects.
* Configured the SonarQube server on Azure environment.

**Project:** Healthcare applications Jan-2017 to Apr-19

**Role:** DevOps Engineer L2

**Description:** The application allows user to search information related to health plans for our customers. This one of insurance company and configured as web application environment.

**Responsibilities:**

* Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
* Assigning an appropriate security groups for launched AWS instances.
* Working with IAM user management for different groups and users.
* working with GIT versioning tool for versioning code projects and making changes.
* Hands on experience in installing and administrating CI tools like Jenkins.
* Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds.
* Preparing Build jobsusing Jenkins for multiple projects on different Environments.
* Customizing the build jobs different branches and environments depends on requirements for the end users using Jenkins.
* Doing deployments on Daily basis on Dev, QA, Stage, Prod Environments in AWS. cloud infrastructure.
* working with Nagios monitoring toll configurations with health checking.
* Customizing the configuration files on Nagios to checking the health of the machines.
* Making changes on configuration files on code projects to increasing the productivity.
* Integrating the GitHub, tomcat servers for CI|CD configuration with Jenkins.
* Deploying the code into destination servers using deployment tool like Jenkins.

**Project:** Commonwealth Bank Aug-2015 to Jan 2017

**Role:** Release Engineer

**DESCRIPTION:** Commonwealth Bank's Real Estate division offers development and portfolio management services from site selection and urban planning to build-to-suit construction, leasing and asset re-positioning.

**Responsibilities:**

* Preparing Build and Release templates for multiple projects on different Environments.
* Customizing the build and release templates for different branches and environments depends on requirements for the end users.
* Makings changes on build release templates depends on requirements.
* Managing build controllerson daily basis making changes depends on requirements.
* Merging and branching code from Dev to Prod, Dev to QA after production deployment on TFS.
* Labelling code depends on requirement Versions, change sets using TFS.
* Working for Check-in, check-out on TFS depends on requirements.
* Handling end-to-end deployments and code propagations across different environments, Dev to Prod, for different projects and their respective components.
* Doing deployments on Daily basis on Dev, QA, Stage, Prod Environments.
* Maintained multiple code releases and their merge activities
* Implementation Plan preparation for Code Releases & requirements gathering.
* Working daily Deployment process depends on projects, environments.
* Creating AWS instances for different environment with different configurations.
* Configuring the Jenkins on AWS instances with Unix and windows OS for scheduling the build Jobs.
* Configuring the appropriate plug-in for different Jobs in Jenkins from available section.
* Managing the Slave nodes for different code projects in master slave concept.
* Configuring the Git repositories in AWS instances with Unix OS and initializing them.
* Integrating the Git repositories and Jenkins tool for Continuous integration.
* Configuring the deployment jobs with Tomcat server for different environment.
* Configuring the Nagios Monitoring tool on AWS instances to monitoring health of the machines.