**Naga Saibaba Tirumala**

# [saitirumala95@gmail.com](mailto:prasadkoppula552@gmail.com) +91-9666090932

## CAREER OBJECTIVE:

To work in a progressive organization where I can enhance my skills and learning to contribute to the success of the organization.

## EMPLOYMENT HISTORY:

* Currently working with Matrixmind Software Solutions as Devops Engineer from 30th May-2017 to till date.
* Worked as Supervisor in MVS Engineering (Fabrication Field) April-2016 to May-2017.

## TECHNICAL SKILLS:

* Cloud Technology : Amazon Web Services (VPC, EC2, S3, IAM, Route 53, Cloud watch, Cloud Trail, RDS, SNS, Cloud formation)
* Developer Tools in AWS : Code Commit, Code Build, Code Deploy, Code pipeline
* Operating System : Linux, Windows Family, CentOS
* DevOps
* Version Control System :
  + Containerization : Docker.
  + CI/CD Tools : Jenkins.

Git, GitHub.

# Configuration Management : Ansible.

* + Tools : AwsEcs, Kubernetes(R&D)

# Scripting : Shell scripting

## PROFILE SUMMARY:

* I carry an experience of 2years 1months as a **Cloud Engineer** at automation, Work on a wide range of innovative AWS use cases and configuration management.
* Using Aws, Jenkins, Docker and Git services which reduce the effort of developers and operation teams in performing maintenance and daily operations.
* Launching virtual Linux servers in AWSs cloud using EC2 service.
* Attaching the security groups and triggering the inbound and outbound rules.
* Attaching and removing the EBS volumes to the Ec2 instances as per client requirements.
* Creating the VPC’s and subnets in AWS cloud.
* Managing the route tables to allow the communication & VPC peering connections.
* Creating and managing the roles, policies in IAM access control.
* Automating the creating the snapshots and AMI’s of Linux servers and volumes.
* Managing the ELB operations in AWS.
* Creating the backup & restore operations of data using AWS s3 buckets.
* Creating the alerts configurations using cloud watch monitoring tool in AWS.
* Managing the RDS instances in AWS cloud.
* Message notification service using SNS.
* Creating Cloud formation yml files to lunch the services in AWS(Infrastructure as a code)
* Knowledge in installing, configuring and administering Jenkins in Linux machines.
* Build pipeline for continuous integration and continuous deployment by using Jenkins.
* Creating Jenkins master-slave architecture for distributing the job loads among multiple nodes.
* Creating continuous delivery pipeline through multiple Jenkins-plugins for faster deployments.
* Configured Jenkins with maven build tool to generate the war/ear files and archived them.
* Using Jfrog to store the generated artifacts and versioning the artifacts with timestamp.
* Integrating Git with Jenkins and Jfrog in continuous integration and configured Jenkins with Poll SCM build trigger.
* Knowledge in using Version control systems like GIT.
* Knowledge in the containerization tool, Dockers.
* Knowledge in creating Dockerfile and Docker-Compose file for creating and managing the images and Containers respectively.
* Knowledge in Managing (Dockers Push and Pull) the Docker images through Docker Hub Registry.
* Creating master and minion architecture by using SALTSTACK for configure management.
* Installing packages and execute command in remote servers by salt stack from master server.
* Creating top.sls and scripting file in master server to automate the configure management.

## PROJECT SUMMARY:

**Project-1:**

* Project : Get insured
* Role : Cloud Engineer

## Project Description:

* Designs, operates, and sells online shopping portals for health-insurance plans. Its portal enables small businesses and families to research, rate, and purchase health care products and services, such as insurance, health savings accounts, medical procedures, doctors, and dentists. The

Company offers short term, group/small business, individual and family health insurance to individuals and families.

## ROLES&RESPONSIBILITES:

* I have been working closely with a team whose key responsibilities are creating and managing infrastructure for developers, testers in a way to accomplish automation.
* As Devops engineer in my team I have a responsibility in configuring Jenkins jobs in such a way that fetches source code from Git repository.
* Configured Jenkins with maven build tool in generating war/ear files and archived them.
* Responsible for maintaining backup and versioning of war/ear file using Jfrog repository.
* Integrated Git, Jenkins and maven in accomplishing continuous integration and configured Jenkins with Poll SCM build trigger.
* As most of the infrastructure is hosted in AWS cloud I am responsible for creating and managing EC2 Instances.
* Maintaining AMIs of the Configured Ec2 instances.
* Creating Jenkins jobs and distributing load on Jenkins server by configuring Jenkins nodes which will enable parallel builds.
* Managing Jenkins artifacts in Jfrog repository and versioning the artifacts with time stamp.
* Deploying the artifacts into servers in AWS cloud with Salt stack and Jenkins.
* Maintaining backup of Jenkins builds in AWS S3.
* Creating backup of EBS volumes and restoring it.
* Ensuring the servers to sustain the load by configuring Elastic load balancer & Auto scaling.
* Enabling highly available & robust virtual private cloud to ensure the network isolation from public cloud and securing them with Security groups and NACL.
* Involved in Writing Docker files to build customized images for creating containers.
* Collaborated with Developers and testers in achieving organizational goals and educated them about build process.

## Project-2:

* Project : Deliforce
* Role : Aws DevOps Engineer

## Project Description:

* Deliforce is a delivery application like food delivery, parcel delivery and another thing. This application can maintain by a delivery boy and product manager at a time for detailed information about the product delivery. This application is available in web and mobile application. Both the applications created as server less applications.

## ROLES&RESPONSIBILITES:

* Working with the developers and testing teams to manage the code and providing their environments.
* Creating continues integrations and continues delivery cd for server less application with help of AWS code pipeline, code build, and code deploy and github.
* Launching the Lambda's and API gateways using cloud formation templates in AWS.
* Creating code pipeline in AWS for Source Build Deploy and Changeset Stages.
* Creating Code Build projects for build the servers less applications and code deploy for deployment.
* Creating IAM Role to manage the resource in AWS and creating inline polices and managed polices to attach to the roles.
* Create users in AWS and that users can access another account (cross account).
* Working with cloud formation stacks to creating the lambda and api gateways.
* Using cloud watch to find the logs of the resources we launch.
* Creating the S3 buckets to stores the object and write the bucket polices to manage the buckets.
* Using S3 buckets to stores the frontend static code for server hosting and versioning.

## ACADEMIC QUALIFICATION:

* Bachelor of Engineering, Computer Science Engineering 2016 from Jawaharlal Nehru Technological University (JNTU-K), Visakhapatnam, AP, India.
* Junior College from Andhra Pradesh State Board of Secondary and Higher Secondary Education.
* Higher Secondary School from Andhra Pradesh State Board of Secondary and Higher Secondary Education.

## PERSONAL SKILLS & ACHIEVEMENTS:

* Good team player and Good listener.
* One of the organizers of the College Fest held at our college.
* Active participation in college cultural activities.
* Lead the **COLLEGE CRICKET TEAM** in JNTUK university cricket tournament.
* Participated in **FLASH MOB** to give awareness on “SWATCH BHARATH”.

## PERSONAL PROFILE:

Name : T. Naga Saibaba

Father’s Name : T. Purushotham

Date of Birth : 15-08-1995

Marital Status : Single

Gender : Male

Nationality : Indian

Permanent Address : D.No 6-49 Kotala Merca, Matsyapuri,

Veeravasaram Mandal, West Godavari District, Andhra

Pradesh

Phone No : +91-9666090932