##### Komirisetty Nageswara Rao

##### E-Mail: [:nageswararaok452@gmail.com](mailto:nageswararaok452@gmail.com)\* Mobile: +91 - 7416510053

**PROFISSIONAL SUMMARY :**

* Having 4+ years of total IT experience in Devops, AWS and Linux.
* Having experience in shell scripting and python scripting
* Worked on Amazon Web Services EC2, ELB, AutoScaling, VPC, S3, Cloud Watch, Cloud Formation, IAM, SNS, Route53.
* Hands experience on Amazon EC2 cloud deployments using DevOps tools like Jenkins and Ansible.
* Strong experience in Storage Methodology, Performance monitoring, Error logging and worked on Monitoring tools Cloud Watch (AWS).
* Having experience in Maven and Ant build tools
* Installed and Setup Web Servers (Apache and Tomcat).
* Hands on experience with SCM tools like Git/GitHub for branching, tagging and version management.
* Expert in Infrastructure as Service along with having hands on experience in CI/CD.
* Having experience in Jenkins pipeline projects
* Experience with container based deployments using Docker**.**
* Worked with various components of Docker like Docker Engine, Docker hub, Docker Registry, Docker file ,Docker images, Docker compose, Docker Swarm
* Hands on experience with Configuration Management Tools like Ansible.
* Having experience on creating and running Docker and ansible modules using Python Script
* Having experience on code as infrastracture using terraform and cloudformation
* Working on issues related to User and Group Administration and File permission issues.
* Scheduling of automatic, repetitive Jobs using commands with Cron jobs.
* Knowledge on Remote system administration using tools like SSH.
* Taking the backups using tar.

**EDUCATIONAL QUALIFICATION:**

* **B.tech** from JNTU-K University(2014)

**TECHNIKAL SKILLS:**

OS Administration : Linux

Version Control System Tools : GIT, Github

Continuous Integration Tools : Jenkins

Build Tools : Maven, Ant

Cloud Technologies : AWS, aws cli

CAI : Cloud Formation, Terraform

Monitoring tool : Cloud Watch

Scripting Languages : Shell Script, Python Script, YAML

Configuration Management Tools : Ansible

Containeraization : Docker, Dockerswarm

Operating Systems : Windows, Linux

**EXPERIENCE SUMMARY:**

* Working as a **DevOps Engineer** for **Persistent systems ltd.** from December' 2015 to till date.
* Worked as a **Linux Administrator** for Tata Consultancy Services. from December' 2014 to December' 2015.

**PROFESSIONAL – PROJECT EXPERIENCE**

**Project #1**

**Title :** Healthcare Prediction

**Client :** United Helthcare Organization

**Duration :** June 2017 to till date

**Technology :** AWS and DevOps (Git, Maven, Jenkins, Docker, Ansible)**,**

Shell Script, Python Script

**Designation :** AWS **/**DevOps Engineer

**Description**

The Health Prediction system is an end user support and online consultation project. Here we propose a system that allows users to get instant guidance on their health issues through an intelligent health care system online. The system is fed with various symptoms and the disease/illness associated with those systems. The system allows user to share their symptoms and issues. It then processes users symptoms to check for various illness that could be associated with it. Here we use some intelligent data mining techniques to guess the most accurate illness that could be associated with patient’s symptoms

**ROLES AND RESPONSIBILITIES:**

* Support the engineering teams regarding CI/Build tools, Environments and Automation.
* Involved in Branching, Tagging and Merging of code delivery at required releases.
* Setup DEV, QA and UAT environments for every sprint using Ansible.
* Setup and maintain cloud based infrastructure (AWS).
* Troubleshoot and resolve issues related to application deployment and operations
* Configure monitoring tools like CloudWatch, setup alarms and event triggers to ensure reliability of applications in the cloud
* Configured Build Triggers by using Poll SCM & Build Periodically.
* Create images from docker containers and backup and migrate these container infrastracture
* Having Hands on container archestration that is docker swarm
* Provide Code As Infrastracture(CAI) by using AWS cloud formation and Terraform

**Project #2**

**Title :** Improving Accessing Efficiency of Cloud Storage

**Client :** Persistent systems

**Duration :** December 2015 to May 2017

**Technology :** AWS and DevOps (Git, Maven, Jenkins, Docker, Ansible)**,**

Shell Script, Python Script

**Designation :** AWS **/**DevOps Enginee

**Description**

We propose the index name servers (INS) tomanage not only file storage, data de-duplication, optimized node selection, and server load balancing, but also file

compression, chunk matching, real-time feedback control, IP information, and busy level index monitoring. To manage and optimize the storage nodes based on the client-side transmission status by our proposed INS, all nodes must elicit optimal performance and

offer suitable resources to clients.

**ROLES AND RESPONSIBILITIES:**

* Design AWS infrastructure based on the application requirements.
* Working on Amazon Web Services (EC2, ELB, VPC, S3, IAM, AutoScaling, CloudWatch, SNS) Server Domain on Amazon Web Services..
* Created Multifactor Authentication for AWS Users in the organizations.
* Troubleshoot and resolve issues related to application deployment and operations
* Writing Shell script as per the requirement
* Configure monitoring tools like CloudWatch, setup alarms and event triggers to ensure reliability of applications in the cloud.
* Have good experience in Build/Deploy Pipeline Setup and End-to-End Job Setup of all the projects.
* (Including EC2, Route53, S3, VPC, SNS)for using on high-availability, fault tolerance, and auto-scaling.
* Written Ansible playbooks to automate our build/deployment process and do an overall process improvement to any manual processes.
* Writing docker files for customized docker images
* Provide environment setup by writing docker compose file
* Build the artifacts by using Maven.
* Integrated Jenkins with GIT, Maven
* Configured Build Triggers by using Poll SCM & Build Periodically.

**PREVIOUS EMPLOYER**

**Client :** Tata Consultancy Services

**Duration :** December 2014 to December 2015

**Technology :** Linux

**Designation :** Linux Administrator

**ROLES AND RESPONSIBILITIES:**

* Managing & Resolving disk space issues using Logical Volume management.
* Good Experience in User and group administration.
* Using signals kill and stop the process.
* Check the status of service.
* Configuring crontab and scheduling the jobs.
* Editing configuration and other files using editors like vi/vim.
* Providing sudo access to the users and configuring aliases.
* Troubleshooting the technical problems.
* Troubleshooting Day-to-Day issues with various Servers on different platforms.
* Responsible for adding creating new users, group and setup home directories and appropriate access restrictions to software and directories and files using access modes.
* Good capability to install and configure application server, web server in any OS like Linux.
* Concept of failover configuration and backup / recovery process.