**Gopinadh Choppavarapu**

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**Professional Summary:**

* Having 3 years of experience as a **Cloud DevOps Engineer.**
* Good Understanding of AWSServices (IAAS, PAAS, SAAS)
* Experience of creating CI (Continuous Integration) and CD (Continuous Deployment) methodologies with **Jenkins**.
* Extensive Experience in Jenkins master-slave for multi machine builds.
* Having experience in creating custom Docker Images using Docker file.
* Having knowledge on creating Kubernetes cluster and worker nodes.
* Experience on creating services and pods and deployments and Daemon sets in K8s using yaml files.
* Understanding of agile and other development processes and methodologies.
* Working on AWS cloud services like EC2 services and EBS volumes.
* Experience on creating Virtual Private Cloud (VPC) in AWS cloud
* Good Experience on creating S3 buckets and Amazon Glacier.
* Creating multiple users using Amazon IAM service.
* Provisioning and managing cloud infrastructure using AWS.
* Experience configuring and updating the servers using Configuration management tools like Ansible.
* Experienced in installation and configuration of Apache, Nginx, and Tomcat application servers.

**Technical Skills:**

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| --- | --- |
| Version Control | : GIT, GitLab |
| Build Tool | : Maven. |
| Virtualization Tool | **:** Vagrant. |
| Containerization Tool | **:** Docker, Kubernetes. |
| CI and CD tool | **:** Jenkins. |
| Cloud | : AWS |
| Web servers | **:** Apache2, Ngnix. |
| Scripting Language | **:** Shell Scripting. |
| Automation Tool | **:**  Ansible |
| Monitoring Tool | **:**  CloudWatch |
| Ticketing Tool | **:** Jira. |

**Educational Qualification:**

* B.Sc in ANU from 2014 - 2017.

**Experience**: Assistant Software Engineer, Tata Consultancy Services

Mumbai, Jun 2018 to Till date

**Project:**

**Land Title Survey Authority**

July 2019 -Till Date.

The mission of the LTSA is to deliver innovative and trusted expertise and reliable land-related registries, survey systems, and information to support the economy. The LTSA's vision is to build trust in and improve the functioning of the real property market.

**Responsibilities:**

* Code compilation, packaging, building, automating, managing and releasing.
* Integrating multiple tools with **Jenkins**.
* Creating new users and giving the permissions to the new users using **AWS IAM** services.
* Writing the **yaml files** using **Ansible Playbooks** for installing the software Packages in slave machines.
* Implementing CI/CD using **Jenkins** for continuous build and release of the source code.
* Maintain GIT Repositories, Handling Releases and Branching activities for **Git Hub.**
* Monitoring the standalone applications and servers

**Experience**: Trainee Engineer, Tata Consulting services Pvt Ltd.

**Project:**

**Provider Pier Programming**

Mumbai Feb 2019 - June 2019

Health Care Service Corporation, a Mutual Legal Reserve Company (HCSC),  and an Independent Licensee of the Blue Cross and Blue Shield Association, is the largest customer-owned health insurer in the United States . Company founded in 1936, serves nearly 17 million members across five states and employs nearly 24,000 people in over 60 local offices.

**Responsibilities:**

* Creating branches and tags using **Git Hub.**
* Implementing CI/CD using **Jenkins** for continuous build and release of the source code.
* Writing the **Jenkins Pipeline** code for building the code and automation purpose.
* Building **Docker images** using Docker file & its Instructions.
* Automate the build Process by integrating **Maven** with **Jenkins.**

Place: Mumbai

Date: (Gopinadh CH)