

# CHANDRAKANTH ARRA

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## **Professional Summary :**

Highly competent Cloud / DevOps Engineer with 4 years of the overall experience, specializing in implementing cloud-based solutions on the public cloud. Having excellent knowledge on Amazon Web Services (AWS).

## **Core Competencies :**

- Good Experience with Amazon Web Services (AWS) creating, configuring EC2, VPC's and having knowledge on IAM, S3, AMI services.
- Experience in using version control tools like GIT, Git hub.
- Implemented IaC as per project requirement.
- Writing Terraform templates for labs on AWS and Implementing those in Terraform projects for AWS cloud services.
- Worked on building and deploying java code through Jenkins.
- Used Jenkins tool to automate the build process.
- Automating (CI/CD) build and deployment of micro-services on Docker using Jenkins pipelines.
- Troubleshoot Platform and Infrastructure Issues in the production environment.

## **Known Tools and Technologies :**

- **Cloud providers** : AWS,
- **Infrastructure as a Code** : Terraform,
- **Containerization tools** : Docker,
- **Version Control** : Git & Git-hub,
- **CICD tools** : Jenkins, Ansible,
- **Scripting Languages** : shell scripting,
- **Server OS** : Ubuntu,
- **Logs and Metrics** : ELK Stack, Data dog, Opsgeine.

## **Work Experience:-**

### **Sysgain Information Technologies Pvt. Ltd.**

**Project :** Qloudable.inc

**Project Description :** Qloudable is a highly salable and secure SaaS platform designed from the ground up to accelerate cloud adoption and digital transformation. The platform provides mechanisms for software vendors and customers to showcase, try, purchase, deploy, and learn about cloud solutions.

**Project Duration :** 09<sup>th</sup> May 2019 to 15<sup>th</sup> Dec 2020

**Role :** Software Engineer - Cloud

## **Responsibilities:-**

- Good Experience with Amazon Web Services (AWS) creating, configuring EC2 ,VPC's and having good knowledge on IAM, S3, AMI services.
- Experience in using version control tools like GIT, Git hub.
- Implemented IaC initially for Qloudable product of Sysgain.
- Maintain Licenses of Go Daddy certificate of Qloudable and Manage Auth0 for user data.
- Maintain AWS Cloud Accounts for labs.
- Troubleshoot Platform and Infrastructure Issues in the production environment of Qloudable.
- Writing terraform templates for labs on AWS and Implementing those in Terraform projects for labs in AWS cloud services.
- Worked on building and deploying java code through Jenkins.
- Used Jenkins tool to automate the build process.
- Used Ansible Playbooks to setup Continuous Delivery Pipeline.
- Automating (CI/CD) build and deployment of Qloudable micro-services on Docker using Jenkins pipelines for to creating Docker container images.
- Implementing Docker to build, deploy containerized micro-services of Qloudable in AWS.
- Troubleshoot Platform and Infrastructure Issues in the production environment of Qloudable.

### **Vara United Pvt. Ltd.**

**Project :** Fortinet FortiGate – Fabric Connectors for AWS

**Project Description :** In this solution, the core capabilities of Fortinet's FortiGate firewall, SG along with Fabric Connectors are demonstrated.

**Project Duration :** March 2017 to May 2019.

**Role :** Junior Associate - Cloud

## **Responsibilities:-**

- Launching Public and Private VPCs along with subnets, route tables and Internet Gateway.
- Launching the EC2 instances.
- Experiencing in using version control tools like GIT, GIT hub.
- Hands on experience in automating CI/CD pipeline using Jenkins tool. Configuring SSH.
- Used Jenkins tool to automate the build process.
- Integrated Jenkins and Ansible. Written the Ansible YAML scripts.
- Created and Configuring Fortinet Docker images and Forti Gate container.
- Providing high availability for web applications using Traffic Manager.
- Implementing Load balancer & application lb in platform And maintaining continues health checks of LB and App & LB.
- Using Various Cloud Native Services like Load Balancers and AMI to have High Availability and Spinning Instances fast in case of any failure.

## **Certifications :**

- AWS Cloud Practitioner Essentials (Issued On 11<sup>th</sup> January 2021).
- AWS Development Tools Services Overview (Issued On 16<sup>th</sup> January 2021).

## **Academic Profile :**

- Bachelor of Technology in Electronics & Comm. From Kakathiya University, Warangal. (2015),
- Board of Intermediate from Hindhu Jr. College, Warangal. (2011),
- SSC from Wisdom high School, Narsampet. (2009).

## **Personal Profile :**

- Date of birth : 20th September 1993.
- Parents : S/o Venkanna and Nirmala Arra
- Gender : Male.
- Passport No. : M7810327.
- Languages Known : English,Telugu ,Hindi,Tamil

## **Declaration :**

I hereby declare that all the above-mentioned information is true to my knowledge.

**Name:- (Chandrakanth Arra)**

**Date:-**