

## VAMSHI MANUGONDA

Cloud Engineer

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### **Career Objective:**

I am actively looking for upcoming career opportunities and assignments on the cloud platform where I can fully use my skills.

### **Technical skills:**

#### **AWS Cloud -**

- Launching virtual Linux servers in **AWS** cloud using **EC2** service.
- Attaching security groups and triggering inbound and outbound rules.
- Attaching Elastic IP to servers, backing up the data by using **SNAPSHOT**
- Backing up the instance using **AMI** [Amazon machine image]
- Attaching and removing the **EBS** volumes to the EC2 instance.
- Creating a **VPC** with subnets, Managing the route tables to allow the communication with VPC peering connections.
- Creating and managing policies for **IAM** access control.
- Managing the **Elastic load balancer** an **auto scaling** operation in AWS.
- Creating the alert configuration using the **Cloud Watch monitoring** tool in AWS.
- Managing the mail service using **SES**, Message notification service using **SNS**
- Configuring of secure static web site using simple storage service(**S3**)
- Installing and configure **YUM**
- Thorough knowledge of amazon web services like **Rout53**, **RDS**, **Lambda**, **DynamoDB**, **Eks**

#### **DevOps –**

- Creating a **GIT** repository, adding code, and committing to GitHub
- Knowledge of using **MAVEN** to automate build, test, and deployment processes
- Deploying Java applications using **TOMCAT** web server
- Using **ANSIBLE** to transfer files from master server to client server, create modules, run individual commands, and create Ansible roles.
- **JENKINS** installation, managing plugins from console, installation of GitHub plugin from repository, adding Maven support, continuous deployment using Jenkins
- Installation and configuration of **NAGIOS**, adding services to Nagios, continuously monitoring with Nagios
- Installation and configuration of **DOCKERS**, creating of images and containers.
- Installation of **KUBERNETES**[**K8S**], Architecture of Kubernetes, Kubernetes cluster, Kubernetes components.

**Projects:**

- **AWS Cloud projects:** Deploying a custom static website using EC2 with Autoscaling capabilities –
  - Deploy a custom web application in multiple EC2 instances into different availability zones added to the load balancer with high availability and auto scaling capabilities.
- **DevOps Projects:** Worked on Java-based web applications using Maven.
  - Configured an EC2 instance on AWS cloud to setup a maven server
  - Built a .jar file and tested locally
  - Built a .war file using Maven.
  - Setting up Tomcat server on AWS cloud

**Work experience:****Research/System Analyst [Internship]**

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**Roles & Responsibilities: -**

- Creating servers on AWS cloud according to client's needs
- Adding Security groups to the servers
- Creating the load balancer and attaching it to the servers in different availability zones
- Collecting the client's data from sources like LinkedIn, ZoomInfo, Manta, Glassdoor, Bloomberg, Monster etc.
- E-mail validation using different tools
- As per requirement used to involved in international client online webinars & meetings

**Education:**

- B.Sc. [MPCS] – Bharathi Degree College, Warangal, Kakatiya University [2018-2021]
- 73.4 CGPA

**Declaration:** I hereby declare that all the information furnished above is true to the best of my knowledge.

**Place:**

Hyderabad

M.Vamshi