Venkatesh Bandaru

bandaruvenkatesh0827@gmail.com

+91 9705939688

India

https://github.com/Venky0827

https://www.linkedin.com/in/venkatesh-bandaru-72bb75205/

Summary

I'm self learning enthusatic, I seek an opportunity to be **Associate Software Engineer** in Cloud solutions supporting organization where one can utilize my inherent talent for the organization's growth as well as my career growth.

Skills

DevOps
Shell Scripting, GitHub, Git, Jenkins, Terraform, Docker, Packer, Ansible

Programming Languages
Python, SQL, C++, JSON, bash

AWS Cloud
IAM, Lambda, VPC, EC2, S3, Route53, Cloud Formation, RDS, DNS Records, Cloud Watch, Cloud Trail, Auto Scaling, AWS CLI, Code Commit, DynamoDB, ECS,EKS, ECR, AWS Organizations, Load Balancing, KMS

Projects

1.Creating AWS CLoud infra using Terraform and Jenkins
Resources : Terraform, Jenkins, GitHub, Packer

- A set of .tf files & .tfvars file has been created including packer.json and commited into git repository
- A VM is created & installed Terraform,packer, git & Jenkins
- By logging into jenkins a project was created with github hooks and started build with some input code.
- This input code pull data from git repo, start building ami image, extract ami id, start terraform init and build resources as per terraform code
- After completing build , a custom ami, VPC, 1 public & 2 private subnets, 1 public & 1 private routing table, internet gateway, route table association, ec2 instance was created.
- If we made any changes in terraform code and push into git repo, the changes automatically will take place in jenkins
- Here aws credentials was passed as secret text for security reasons

2.Created a Custom Docker image and deployed in cluster using docker swarm

- First created a Dockerfile image containing Ubuntu 22.04 LTS with some custom features
- Using docker swarm a cluster was created having one manager node & 2 worker nodes.
- With docker service containers was created in all nodes with custom image

3.Designed and deployed a server less cloud infrastructure in AWS platform

- A project was successfully completed under the guidance of Infosys Springboard internship
- Hosted a static website from S3 bucket, which is connected to API gateway
- A database was created using DynamoDB service.
- A Lambda function created to collect input data from API and write into DynamoDB database.

Certificates

- AWS certified Solutions Architect Associate (SAA-C03)
- Python Basic from HackerRank

Education

B.E Civil Engineering 2018 – 2022
Chaitanya Bharathi Institute of Technology Hyderabad, India

12th MPC 2016 – 2018
Harvest Junior College Khammam, India

10th Class 2015 – 2016
Little Indians School Khammam, India

Languages

- Telugu
- English
- Hindi

Profile

- Father name : Ramesh Bandaru
- DOB : 27-10-1999
- Present Address : 5-5-139/1/c, Mustafa Nagar, Khammam, Telangana, India – 507001
- Marital Status : Single
- Passport No : V7399579