

Angeswaran A

Angeswaran is a DevOps Engineer who has experience working in a large scale infrastructure on Public Cloud Platforms. He is also a container technology enthusiast. He is a Certified Kubernetes Application Developer and a GCP Certified Cloud Engineer. He loves trekking and cooking in his free time.

EXPERIENCE

Tata Consultancy Services, Kochi — Assistant Systems Engineer

JAN 2019 - PRESENT

Brainvalley Software Pvt Ltd, Chennai — FrontEnd Developer Intern

JULY 2018 - SEPTEMBER 2018

EDUCATION

Saranathan College Of Engineering, Tiruchirappalli — Bachelor of Engineering

AUGUST 2014 - MAY 2018

Completed Bachelor of Engineering in Computer Science and Engineering.

PROJECTS

PiMan - Chennai, June 2020 - Present

A Platform as a Service on Google Cloud Platform for Customer to provision infrastructure that runs several managed services:

- Developed Ansible Playbooks to perform configuration changes on remote production and QA servers.
- Created multi-stage builds for Docker Images on production and QA to reduce size and improve performance.
- Performed on-call rotation for production and QA servers to maintain high availability and troubleshoot services like mesos, aurora and consul when they are down.
- Performed code deployment on QA and Production environment using Jenkins and Git.

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TOOLS AND

TECHNOLOGIES KNOWN

Google Cloud Platform

Kubernetes

Docker

Python

Linux

Ansible

Terraform

Jenkins

MySQL

ELK Stack

Git

NodeJS

LANGUAGES

English, Tamil, Hindi

- Involved in setting up a dashboard to view the status of services in various environments using Python and ELK Stack.

Tork - Kochi, March 2019 - May 2020

Internal platform to run Blockchain components in a highly available environment on Google Cloud Platform:

- Provisioned highly available infrastructure comprising VMs, Subnets, VPC and IAM roles on GCP using Terraform.
- Automated the process of sending emails, creation of GKE clusters and Cloud Storage bucket using Cloud Functions.
- Set up API level authentication inside the docker container using Cloud Identity Platform on GCP.
- Configured CDN for the UI using Cloud CDN to achieve faster page load.
- Set up CI/CD pipeline for Canary testing and Blue/Green deployment using Spinnaker and Cloud build to increase frequency of application deployment in various environments.

CERTIFICATIONS

- Certified Kubernetes Application Developer (LF-exbxc7krt0)
- Google Cloud Certified Associate Cloud Engineer (27224386)
- Microsoft Technology Associate - Networking Fundamentals (F999-8595)

AWARDS

- **Innovator of the quarter - CBO Cloud PaaS, Oct-Dec 2019**

Awarded by CBO Cloud in TCS Kochi for my contribution towards the R&D of Tork.