**Hemanth Goli**

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**OBJECTIVE**

Highly dynamic and energetic Engineering professional seeking a challenging assignment in IT sector which offers a chance to work with cutting edge technologies and progressively higher responsibilities.

**SUMMARY**

Cloud & DevOps professional offering an experience of 3+ years as **Cloud DevOps Engineer** in the technologies like **AWS, GCP, Terraform, Kubernetes, Docker, GIT, Jenkins, Ansible, Python** etc...

* Extensively worked using AWS, GCP services along with in depth understanding of all services
* Proficient in writing Terraform templates to build the AWS & GCP services.
* Collaborated with teams to understand the requirement & design the complete systems.
* Experience in guiding the classification, plan, implementation, growth, adoption and compliance to enterprise architecture strategies and processes as per CIS standards.
* Designed and developed highly scalable and available systems.
* Worked with AWS services like VPC, VPN, EC2, S3, Lambda, SQS, SNS, CloudFront etc.
* Worked with GCP services like Compute Engine & APP Engine, App, GKE, Cloud SQL, etc.
* Good experience on complete SDLC / Agile scrum methodologies
* Experience in providing Version Control with GIT, GitLab and AWS Code Commit.
* Automating Builds & Deployments using Jenkins.
* Configuring and Administrating GIT & Jenkins, on creating user accounts, branching, merging, patch fixes, snapshots.
* Worked on GIT integrating with Jenkins as continuous integration and continuous delivery CI/CD.
* Good experience in software containerization platforms like Docker and container orchestration tools like Kubernetes and OpenShift.

**PROFESSIONAL EXPERIENCE**

**Experience 1: Cloud DevOps Engineer** at **Megamind Consultancy**, Singapore

**Client:** NTUC

**Role:** Cloud DevOps Engineer

**Period:** July-2019 to Jan-2020

**Responsibilities:**

* Experienced in creating multiple VPN and VPC’s, private & public subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
* Written Templates for AWS infrastructure as a code using Terraform to build staging and production environments.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Used security groups, network ACL’s, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
* Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, Ubuntu, RHEL, and Windows and wrote shell scripts to bootstrap instance.
* Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
* Experience in setting up Single Sign on for the entire office environment using Free IPA.
* Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
* Maintained the monitoring and alerting of production servers using Cloud Watch service.
* Experienced in creating RDS instances to serve data through servers for responding to requests.
* Responsible for performing tasks like Branching, Tagging, and Release Activities on Version Control Tools like SVN, GIT.
* Responsible for Continuous Integration and Continuous Delivery process implementation using Jenkins along with Python and Shell scripts to automate routine jobs.
* Configuration of Jenkins and Creating Jobs and different views in Jenkins.

**Experience 2:** Former **Cloud Engineer at** **TATA Consultancy Services**, Bangalore

**Client:** Internal R&D (BanCS)

**Organization:** TCS, Bangalore

**Role:** Cloud Engineer

**Period:** Dec-2018 to July-2019

**Responsibilities:**

* Worked on the migration of Data base and applications from TCS cloud to Google Cloud.
* Involved in CI/CD process using GIT, Nexus, Jenkins job creation, Maven build and Create Docker image and use the docker image to deploy in gcloud clusters.
* Provisioning environments for Prod and QA as per the requirements and chasing timelines.
* Hands-on experience setting up Kubernetes (k8s) Clusters for running microservices. Took several microservices into production with Kubernetes backed Infrastructure.
* Created dynamic routing/load balancing capability enabling large application scaling, used ingress rules and Ingress Controllers - Nginx.
* Point team player on Kubernetes for creating new Projects, Services for load balancing and adding them to Routes to be accessible from outside, Creation of Pods through new application and control the scaling of pods, troubleshooting pods through ssh and stackdriver/splunk logs.
* Provide the permissions and required access to all the pub/sub topics and sinks to push/write the data to Stackdriver.
* Create custom log metrics using Stackdriver logging and create charts and alerts using the custom log metrics.
* Scheduled, deployed and managed container replicas onto a node cluster using Kubernetes.
* Deployed microservices in Prod and trained staff on Kubernetes, Docker administration.
* Working with JIRA to track project defects and tasks. Created Crontab scripts for scheduled jobs.

**Experience 3:** Former **DevOps Engineer** at **Fidelity**, Bangalore.

**PROJECT #**

**Client:** Indian Banks

**Organization:** Fidelity, Bangalore

**Role:** DevOps Engineer

**Period:** April-2017 to Dec-2018

**Experience 3:** Former **Software Engineer** at **WIPRO Ltd**, Bangalore.

**PROJECT #**

**Client:** UBER

**Organization:** WIPRO, Bangalore

**Role:** Software Developer

**Period:** Sep-2016 to April-2017

**ACADEMIC QUALIFICATION**

* **B.Tech** from JNT University, specialized in EEE in 2015 with aggregate of 70%
* **10+2** in Sri Chaitanya Collage with aggregate of 78%
* **10th** in ChaCha Vidya niketan with aggregate of 81%

**SOFTWARE SKILLS**

* Cloud computing : AWS, GCP
* Infrastructure as Code : Terraform
* Scripting : Python, shell script
* Environment : RedHat Linux, CentOS, Ubuntu, Fedora, Windows
* Source Code Management Tool : GIT, GitLab, SVN
* Automation Tools : Jenkins, goCD
* Configuration Management Tool : Ansible
* Container services : Docker with Kubernetes
* Bug Tracking Tool : JIRA
* Networking : CCNA
* RPA : Automation Anywhere.

**PERSONAL PARTICULARS**

* Marital Status : Unmarried
* Languages : English

(Hemanth)