

Anjul Upadhyay

Cloud Engineer (Google Cloud Architect)

8884259420

akanjulupadhyay@gmail.com

Work Experience

- **Cloud Engineer** - PowerupCloud Technologies : April 2019 to Present
- **Security Engineer** - PowerupCloud Technologies : Nov 2018 to March 2019
- **Software Trainee** - Openstack : Jun 2018 to Nov 2018

TECHNICAL PROFICIENCY

- Skilled in Google Cloud, MySQL, Percona and Monitoring
- Selecting appropriate Cloud services to design and deploy an application based on given requirements
- Good knowledge of Docker, Kubernetes
- Excellent Knowledge on Networking
- Expert in Migration (Servers and Database)

SKILLS

Protocols - TCP/IP, UDP, SSH, RDP, DHCP, HTTP, NAT

Monitoring Tools - Google Stackdriver, Prometheus, Pushgateway, Grafana

OS - Windows, Linux

Technical - GCP (Infra, Network, Security), Compute Engine, Google Networking, Cloud SQL, MySQL, Percona Cluster, Docker, Kubernetes

Programming Languages - Python

JOB ROLE

Cloud Engineer - April 2019 - **PRESENT**

- Migrating complex, multi-tier applications on Cloud Platforms
- Ability to work with virtualization technology
- Experience in monitoring and auditing systems
- Knowledge of networking concepts (e.g., DNS, TCP/IP, and firewalls)
- Ability to translate architectural requirements

- Ability to deploy, manage, and operate scalable, highly available, and fault-tolerant systems
- Know how to implement and control the flow of data, to and from a service provider
- Capability to select the appropriate services based on compute, data, or security requirements
- Ability to estimate usage costs and identify operational cost control mechanisms
- Capability to migrate the on-premises workload to google cloud

Security Engineer - November 2018 - March 2019

- Worked on vulnerability tools like Acunetix and Nessus to monitor the risk in clients' environments.
- Provided the training and support to the team on cloud security solutions
- Conducted various Sessions on Social Engineering attacks and preventions

Software Trainee - June 2018 - November 2018

- Worked on the Front End Technologies like HTML5, CSS and JS
- Worked on the Web based projects where I created the Websites according to the requirements
- Worked on Landing pages

PROJECT WORK HISTORY

Project : Google Cloud Infra setup, Migration of and Network Setup

- Created the secure infrastructure for the client.
- Worked on 200+ servers migration and fully handled the migration process using the tool Cloud Endure and Velostrata.
- Migrated the MySQL Database using very little downtime.
- Created the Disaster recovery for Database from MySQL to Cloud SQL.
- Setup the Organization Level policies and rules to make the environment more secure.

Project : Google Cloud Database Migration

- Created the Percona Cluster setup
- Migrated the Data from Cloud SQL to Percona Servers in GCP
- Changed the Setup From Percona to Cloud SQL (Slave) as a Disaster Recovery.

Project : Google Cloud Monitoring, Solutions

- Created the Monitoring setup and Alerts according to the client requirement.
- Setup the Prometheus, Pushgateway and Grafana for the Process and system monitoring.
- Used third party tools for monitoring like Datadog
- Provided Different solutions for Monitoring and deployment

Project : AWS Load Testing and Network Setup

- Performed the load testing on the Application which was running on AWS, GCP and Azure.
- Created the documents and reports for the entire architecture.
- Created the setup for Jmeter using Windows.

EDUCATION

Dr Ambedkar Institute of Technology, Bangalore - *Bachelor of Engineering*

August 2012 - June 2016

Certifications

- Google Certified Professional Cloud Architect, Google
- Oracle Cloud Infrastructure 2019 Architect Associate
- Oracle Cloud Infrastructure Foundations 2020 Certified Associate
- Cisco Certified Network Associate (CCNA), Cisco
- Networking in Google Cloud Platform Specialization, Coursera