TEK013795 (OpenStack - 4 + Year)

📘 MBA

Highlights

Cloud Engineer with 4 years of Technical Experience in Deploying Fresh Clouds, Expanding PODs, Cloud Support, providing Cloud Demonstrations to new Clients, etc. A good team player who can actively contribute to the group in order to complete the task/sprint, meet goals and manage projects.

Skills

Primary Skills

- Networking
- Neutron
- Nova
- Prometheus

Secondary Skills

- Bash Scripting
- Ceph Storage
- Docker
- Python

Other Skills

TECHNICAL SKILLS

- Cloud Infrastructure
- Openstack, Azure, JUJU, MAAS
- Openstack Cloud Support
- Cloud demos to the Clients.
- Networking
- Linux Operating System
- Server BIOS
- Switch Configuration (layer 2 and 3)
- Knowledge of Docker (Dev-ops)
- MS-OFFICE, MS-EXCEL, MS-POWERPOINT

Projects

Cloud Engineer - IT Industry (50 months)

- **OpenStack Core Services**: Experienced in deploying, configuring, and managing OpenStack services, including **Nova (Compute)**, **Neutron (Networking)**, **Cinder (Block Storage)**, **Glance (Image Service)**, **Horizon (Dashboard)**, **Keystone (Identity Service)**, **Swift (Object Storage)**, and **Heat (Orchestration)**, **RabbitMQ, MY-SQL, VAULT**, etc.

- **Deployment & Installation**: Expertise in deploying OpenStack environments with deployment tools like **DevStack**, **Packstack**, **RDO**, **Canonical-OpenStack**, and **Kolla-Ansible**. Experienced with both manual and automated installation.

- **Networking & Security**: Skilled in configuring and managing **Neutron Networking** (routers, floating IPs, security groups, network namespaces, etc.). Solid understanding of **VLAN**, **VXLAN**, within OpenStack.

- **Virtualization**: In-depth experience with **KVM**, **QEMU**, and **Libvirt** hypervisors for virtual machine management within the OpenStack cloud environment.

- **Monitoring & Logging**: Hands-on experience with monitoring OpenStack environments using tools such as **Prometheus**, **Grafana**, **Zabbix**, and **Nagios**..

- **Storage Management**: Expertise in configuring and managing **Cinder** for block storage and **Swift** for object storage. Experience with integrating third-party storage solutions like **Ceph** and **NFS**.

- **High Availability & Scalability**: Skilled in architecting OpenStack environments for high availability, fault tolerance, and scalability.

- **Containerization & Orchestration**: Knowledge of container technologies such as **Docker**, **Kubernetes.**

- **Scripting & Programming**: Strong scripting skills in **Python**, **Bash**, and **Shell scripting** for automating tasks, troubleshooting, and optimizing OpenStack components.

- **Backup & Recovery**: Implementing disaster recovery strategies, including

- **OpenStack Backup** for data resilience and redundancy.

OFFICIAL PROJECTS

Provided support to one of the major *Linux* Distributor

OpenStack Cloud Deployment— *Ceflix Scepter*

Deployed a private OpenStack cloud infrastructure for Ceflix Scepter to support their internal workloads and enhance scalability. The project involved the planning, installation, and configuration of OpenStack services, ensuring high availability and efficient resource management.

Start date 24 March 2021- May 2021

OpenStack Cloud Deployment of HEX— *Gamma Telecom*

Led the deployment of OpenStack private cloud for Gamma Telecom's HEX division, ensuring a secure and scalable cloud environment to meet their telecom service requirements. Focused on automation, integration, and capacity planning for optimal performance.

Start date 14 June 2021 - August 2021

OpenStack Cloud Deployment of TRA— *Gamma Telecom*

Implemented OpenStack private cloud for the TRA division of Gamma Telecom, aimed at improving operational efficiency and offering more flexible resources for telecom operations. The deployment included configuring networking, storage, and compute nodes.

Start date 25 August 2021 - October 2021

OpenStack Cloud Deployment PST— *Gamma Telecom*

Deployed a private OpenStack cloud for the PST division of Gamma Telecom to

optimize their IT infrastructure. The project included setting up a cloud environment that could handle telecom service loads and ensuring network security and redundancy.

OpenStack Pod Expansion — *UK's major Telecom Ntw.*

Expanded the existing OpenStack cloud infrastructure by deploying two additional OpenStack pods for a major telecom network in the UK. This cloud expansion improved scalability, fault tolerance, and performance to handle increased network demands.

Start date November 2021 - December 2021

OpenStack Telecom Malaysia — *Malaysian telecom Ntw.*

Deployed OpenStack cloud infrastructure for a leading Malaysian telecom network, providing them with a flexible, scalable private cloud solution to support their

nationwide telecom services.

Start date August 2022 - October 2022

OpenStack Cloud Deployment — *Yotta*

Led the deployment of OpenStack private cloud for Yotta, focused on streamlining data management and increasing resource efficiency. The deployment was aimed at improving overall cloud service performance and capacity.

Start date January 2023 - February 2023

Openstack Cloud Deployment— *Graviton*

Successfully deployed OpenStack private cloud infrastructure for Graviton, ensuring high availability, scalability, and security to support their growing

business needs.

The deployment aimed to enhance the operational efficiency of their IT systems. Start date March 2023 - April 2023

Cloud Deployment (Confidential Sites)

Executed the deployment of an OpenStack private cloud for a confidential client, ensuring the highest standards of security and performance for their cloud services. Details of this project remain confidential.

Start date April 2023 - Present

Cluster Manager— *Present/Current Project*

Multiple Servers management from a single source.

Awards

CERTIFICATION

- AZURE ADMINISTRATOR ASSOCIATE