JOB 6: Cloud Engineer

Job Overview

A Cloud Engineer is responsible for designing, implementing, and maintaining cloud infrastructure solutions. They ensure scalability, security, and efficiency of cloud-based systems across different platforms.

Required Skills for cloud engineer:

1. AWS
2. Azure
3. Docker
4. Kubernetes

Skills Information

1. **AWS** – Amazon Web Services for cloud computing, storage, and networking solutions.

2. **Azure** – Microsoft's cloud computing platform for building, deploying, and managing applications.

3. **Docker** – A containerization platform for developing, shipping, and running applications in isolated environments.

4. **Kubernetes** – An orchestration system for automating deployment, scaling, and management of containerized applications.

Skill Learning Resources

- **AWS:** AWS Training & Certification, AWS Free Tier Labs, A Cloud Guru (AWS Courses)

- **Azure:** Microsoft Learn - Azure Fundamentals, Pluralsight Azure Courses, Azure Documentation

- **Docker:** Docker Official Documentation, Docker Mastery (Udemy), Katacoda Docker Scenarios

- **Kubernetes:** Kubernetes Official Docs, KodeKloud Kubernetes for Beginners, The Kubernetes Book (Nigel Poulton)

Difficulty Level

Advanced – Requires experience with cloud platforms, networking, and security best practices.