ASSIGNMENT-12

\*Q1. Intro: Tell me about yourself \*

I’m Tanishqa Mamilla, currently employed as a Senior DevOps Engineer at Amazon organization, bringing a wealth of experience to the role. With a total of 12 years of experience, out of which 7 have been dedicated to DevOps. I have gained expertise in various areas.

For the purpose of deploying web applications and maintaining databases, I have worked on both the cloud service providers AWS and Azure also worked with on-premises physical virtual machines.

worked with various AWS services such as VPC, EC2 Instances, S3, Lambda Functions, RDS (MySQL), ECR for Private Docker Registry, EKS for Kubernetes, and IAM Role Management.

I am familiar with ACR for Private Docker Registry, AKS, App Service Plan, Azure Virtual Networks, Azure VM, and Azure Functions.

I've automated continuous integration and continuous deployment (CI/CD) using Jenkins.

I've used Azure DevOps Pipelines to automate the deployment, testing, and build processes.

I have experience using Git for version control and GitHub Enterprise, Bitbucket, or Azure Repos for source code management.

I work on updating our micro service apps, and as part of that, I created docker images, wrote docker files, and deployed them to Kubernetes clusters using HELM charts.

Utilized Ansible change management automation and Terraform scripts for infrastructure as code provisioning (creating modules and releasing them to GitHub).

As part of Prod Support, I am quite accustomed to monitoring tools like CloudWatch Logs (in AWS) and Azure Monitor (in Azure), as well as Prometheus and Grafana visualization for Kubernetes Cluster Monitoring.

More familiarity with shell programming and basic proficiency with Python.

Why are you looking for job change?

In all honesty, I adore working for my current employer. I've been with them for 18 months; I started as a contractor, and my contract was twice extended. Despite the fact that every day and every assignment I was given tested my abilities and provided me with opportunities to learn new things, I don't believe my contract will be renewed this quarter owing to financial limitations and the state of the market. When I read the job description for this position, the details sounded like a better fit for my skill set and one that would be difficult enough for me to gain new knowledge in the field.