CLOD2007-Associate Cloud Engineering
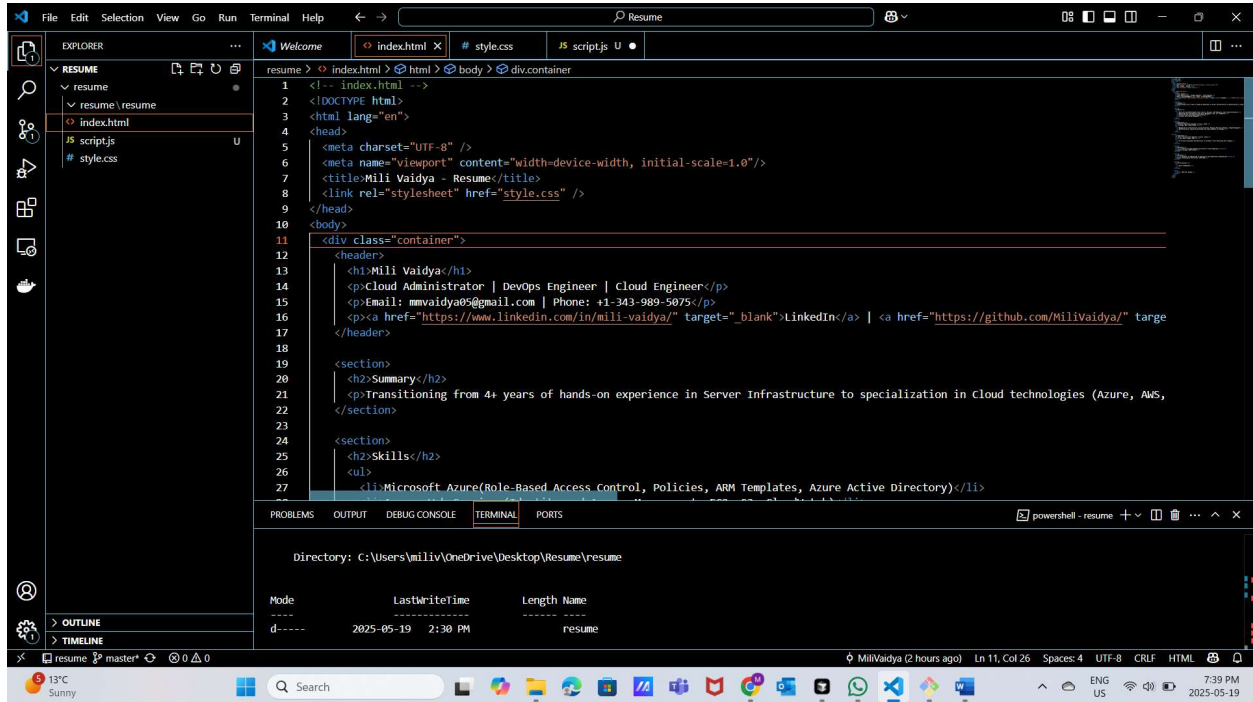
Deloy your personal website to the cloud

In-class Assignment 1

Submitted by: Mili Vaidya

Student ID: 500237238

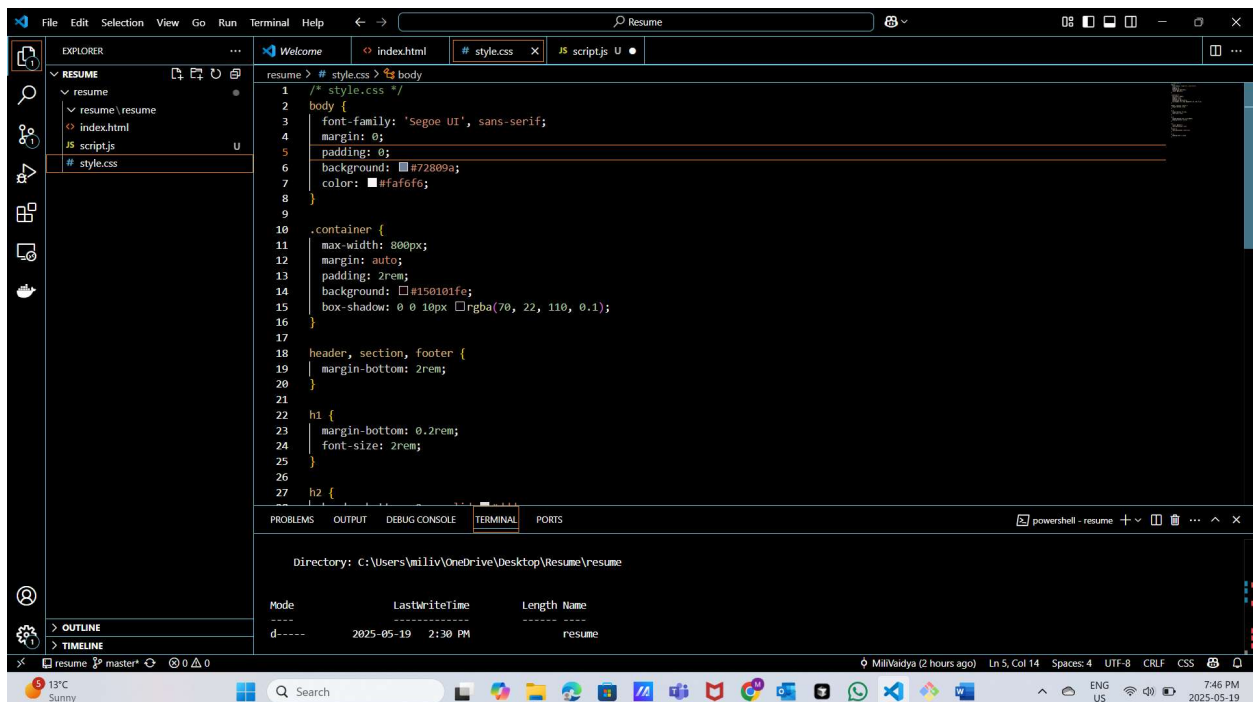Below Image shows the basic layout of the HTML Structure.

Below Image shows the style of the website.

Tried Accessing the index.html in my browser and it shows my Resume.
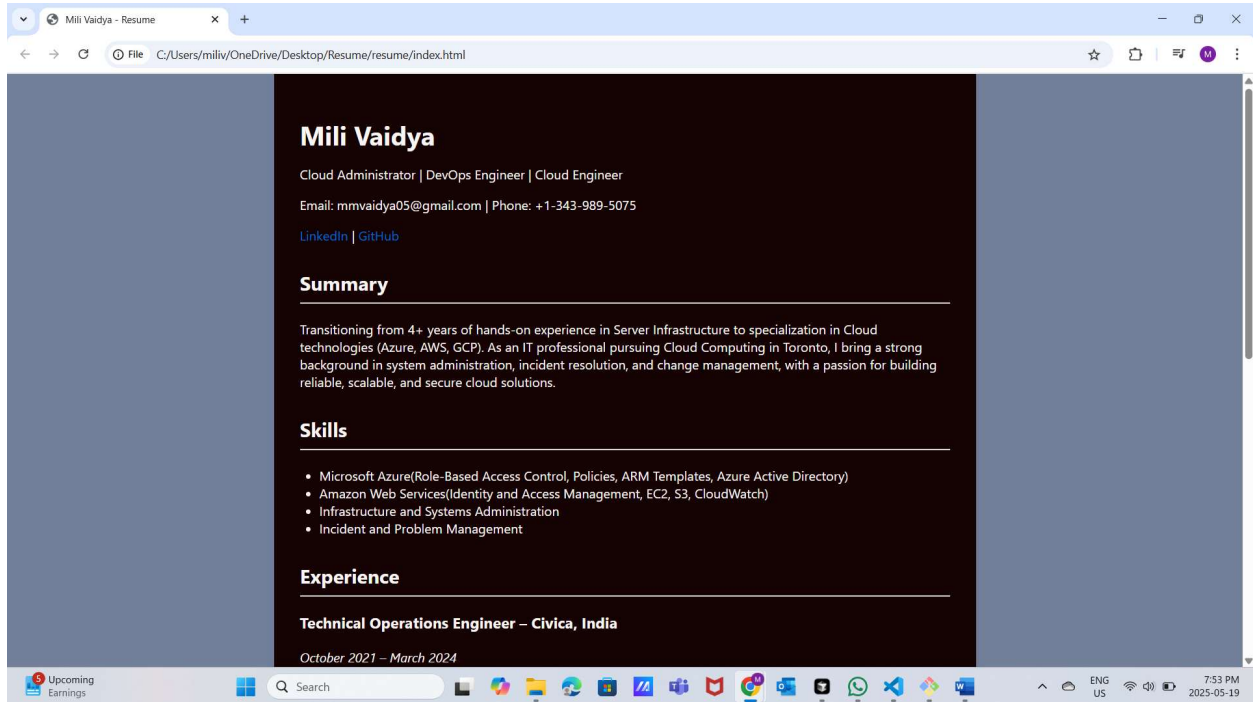
Created a repository – Resume_01 on Github.
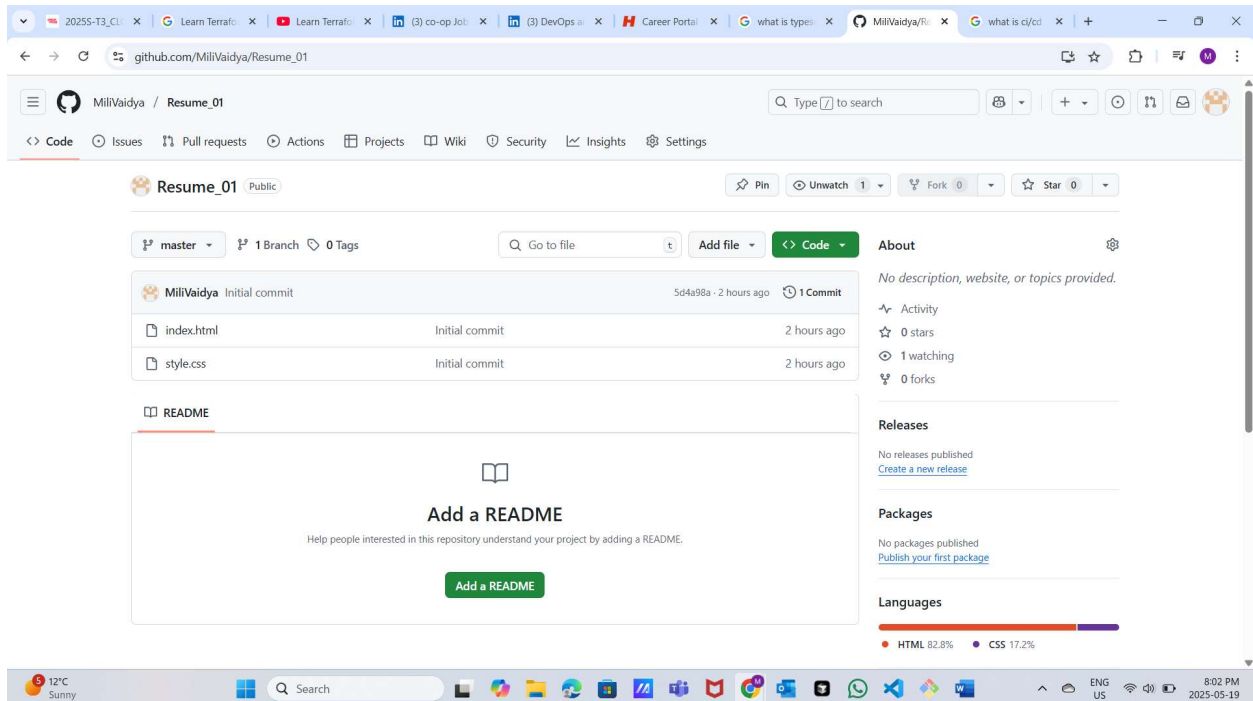
Hosted my website on Netlify.

Enabled IAM service account credentials API.
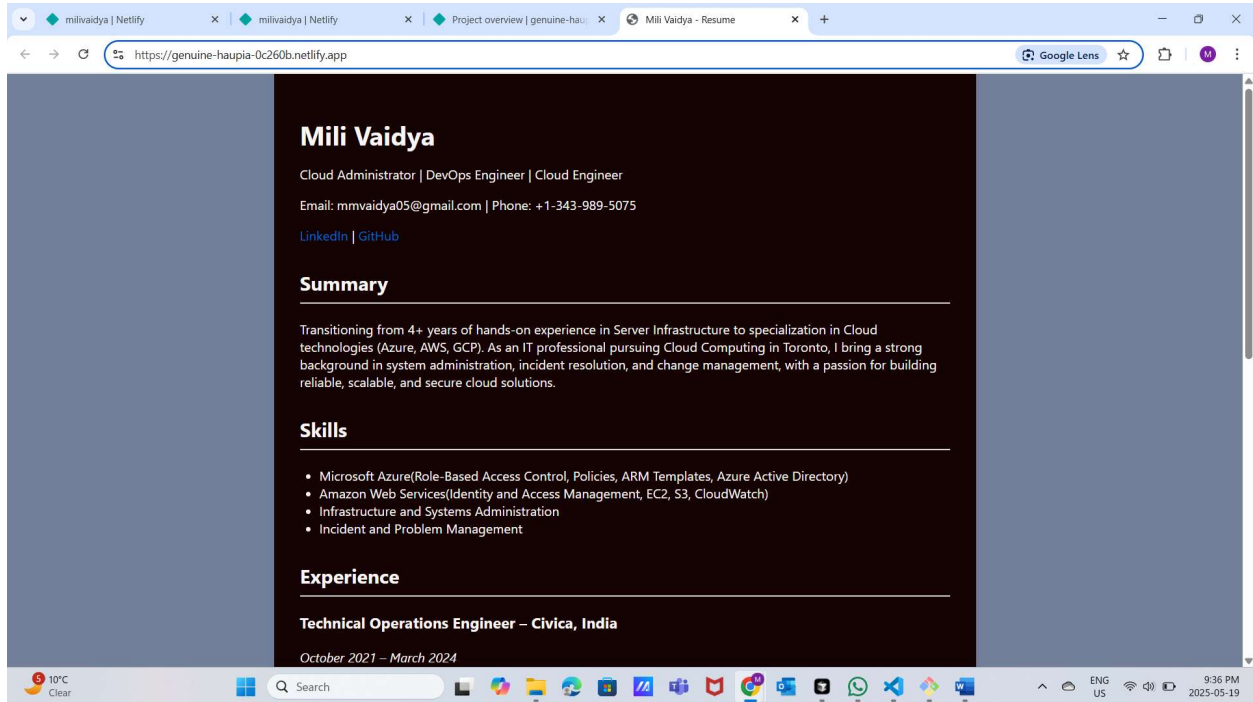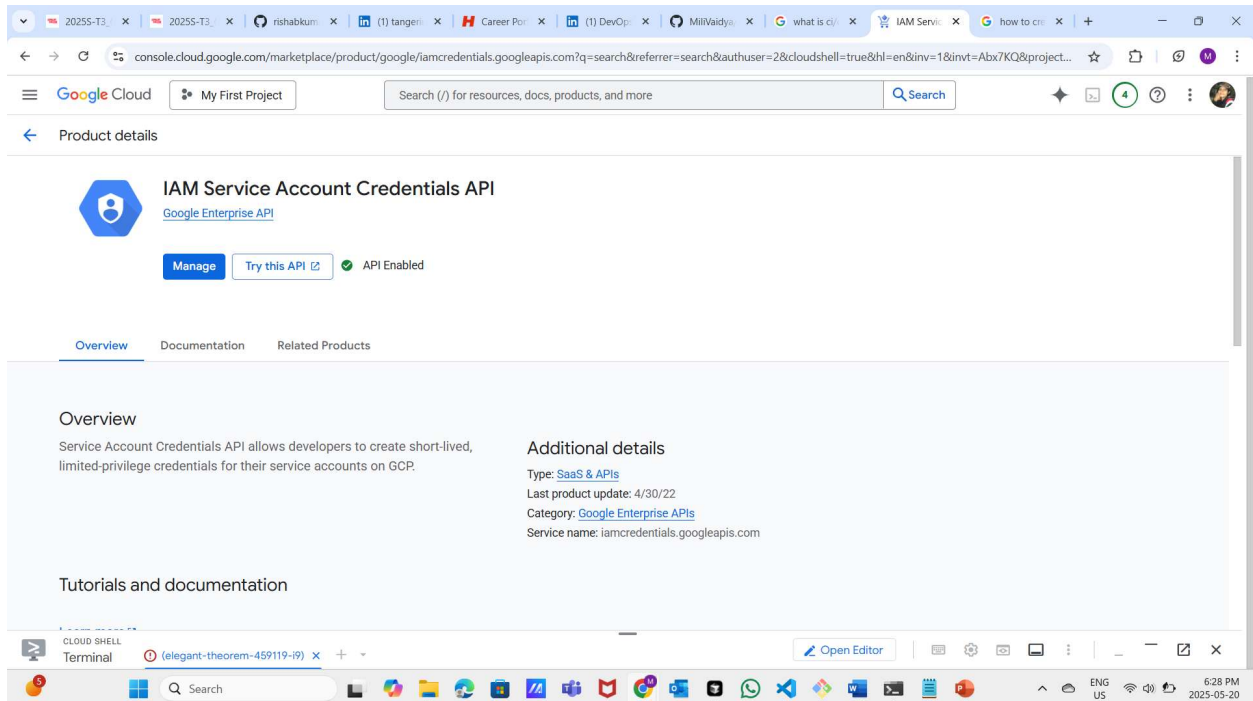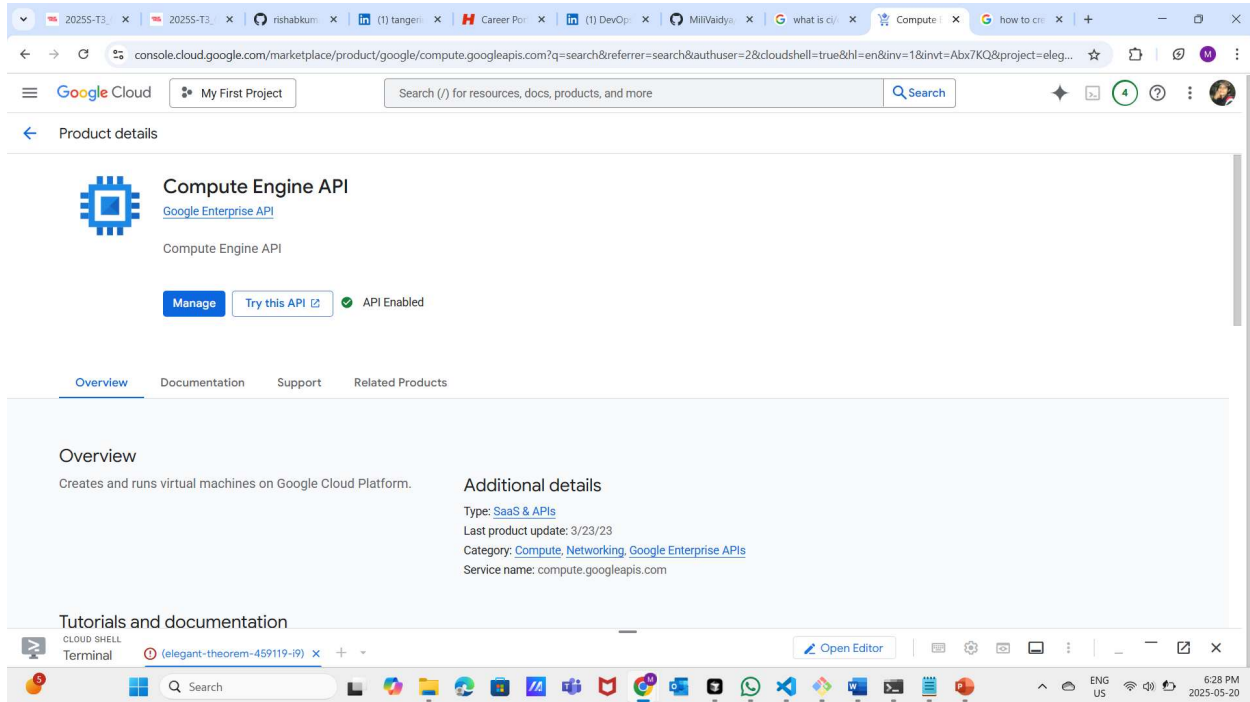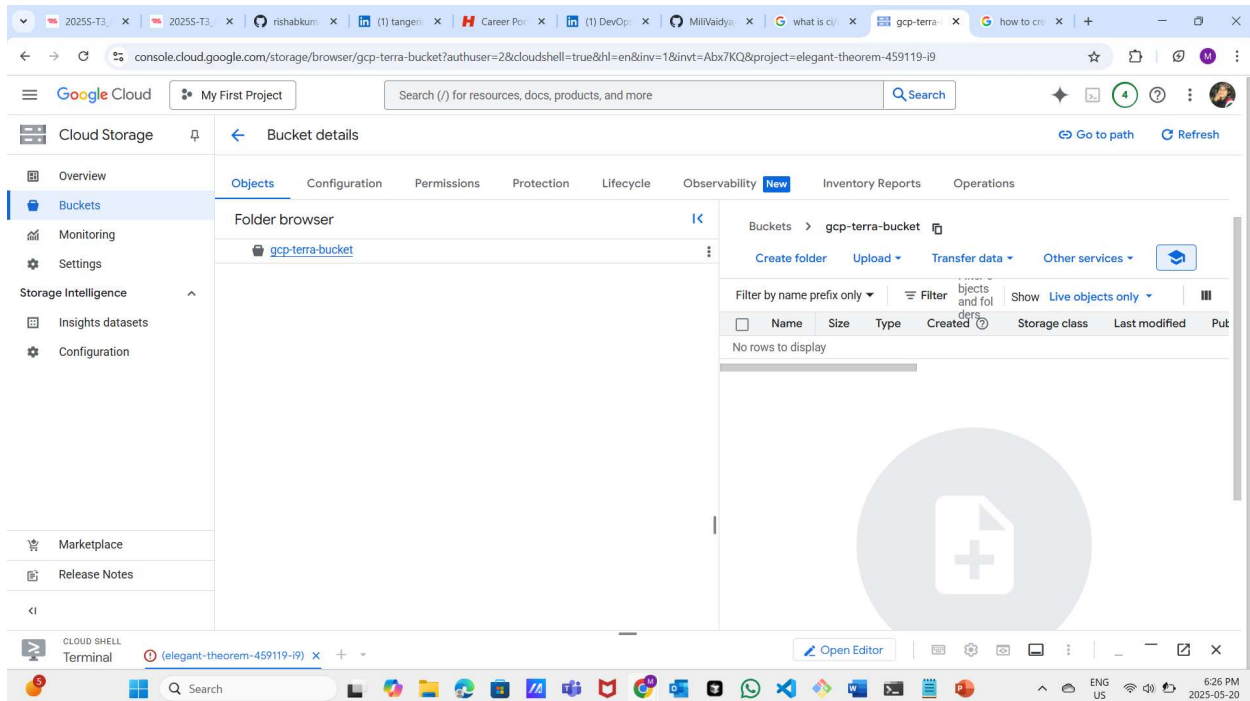
Enabled Compute Engine API.
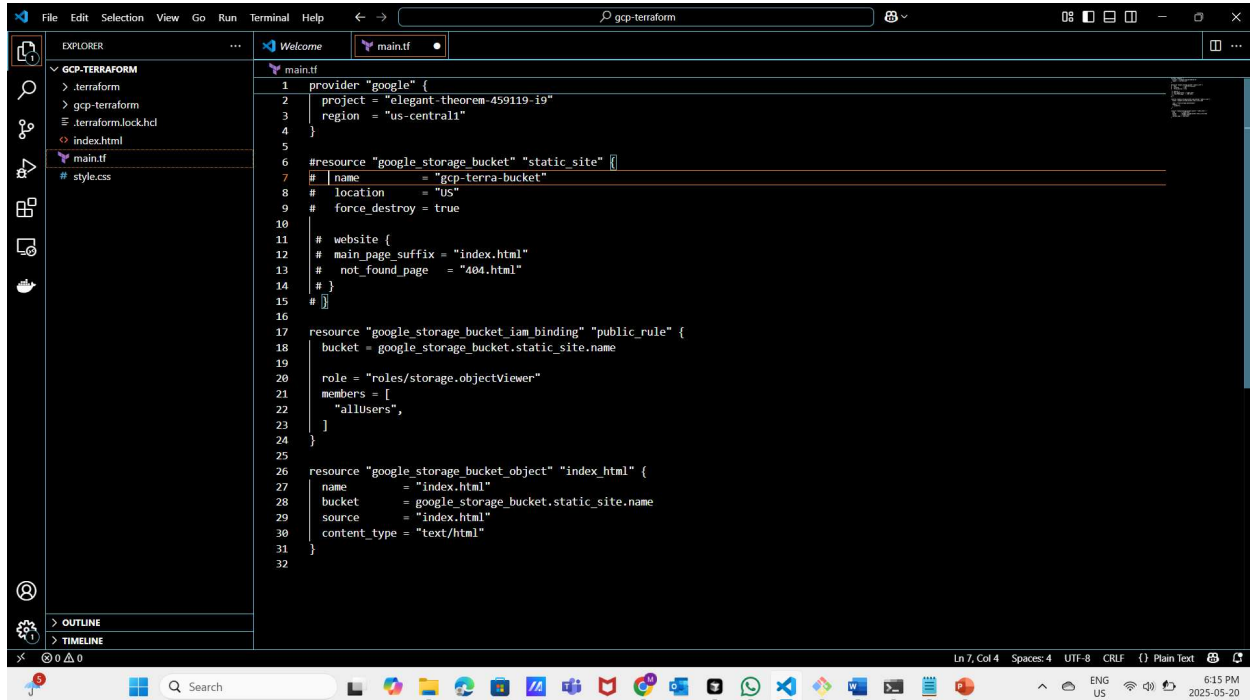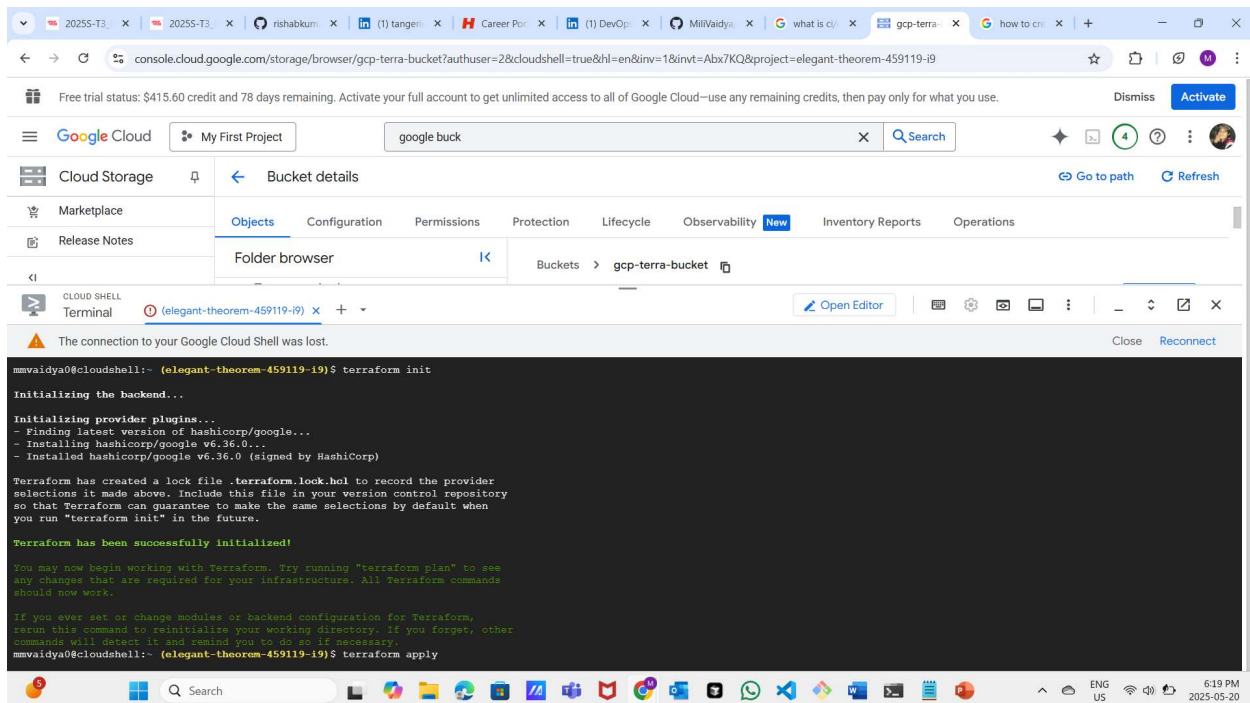

Created a bucket : gcp-terra-bucket

Created the Terraform Configuration File main.tf

Initialized Terraform

I uploaded below files by manually uploading in the shell.

index.html

main.tf

style.css

After that I rum command terraform apply.

And then tried to access the link http://gcp-terra-bucket.storage.googleapis.com/index.html

But I got an error. It was because my resource wasn't public.

So I run the cmd: gsutil acl ch -u AllUsers:R gs://your-bucket-name/style.css

This used for interacting with Cloud Storage. acl - Access Control List — managed file-level permissions, ch - used to modify existing permissions. -u AllUsers:R - Grant the "Read" (R) permission to "AllUsers" (i.e., anyone on the internet)

After running this command, I tried to access the link and it worked.