



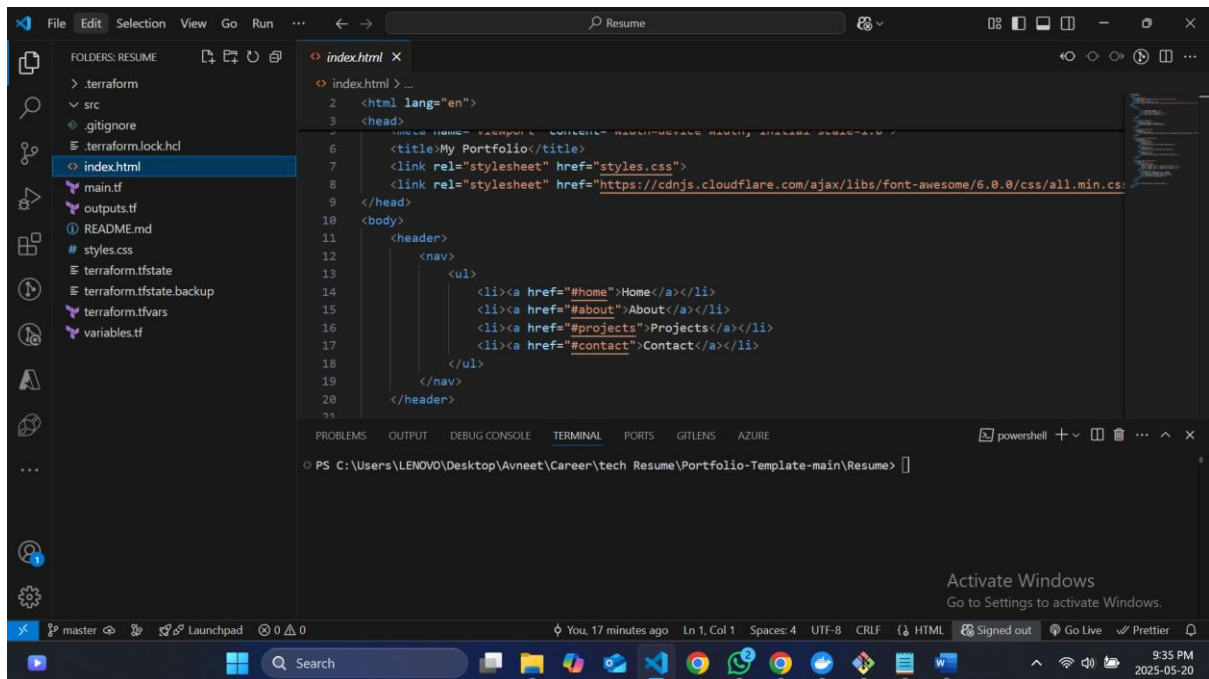
# **LOYALIST COLLEGE IN TORONTO**

**2025S-T3\_CLOD2007\_01 In-class  
Assignment 1**

**Create website and use terraform and  
Vercel to deploy it.**

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Student ID: 500235961

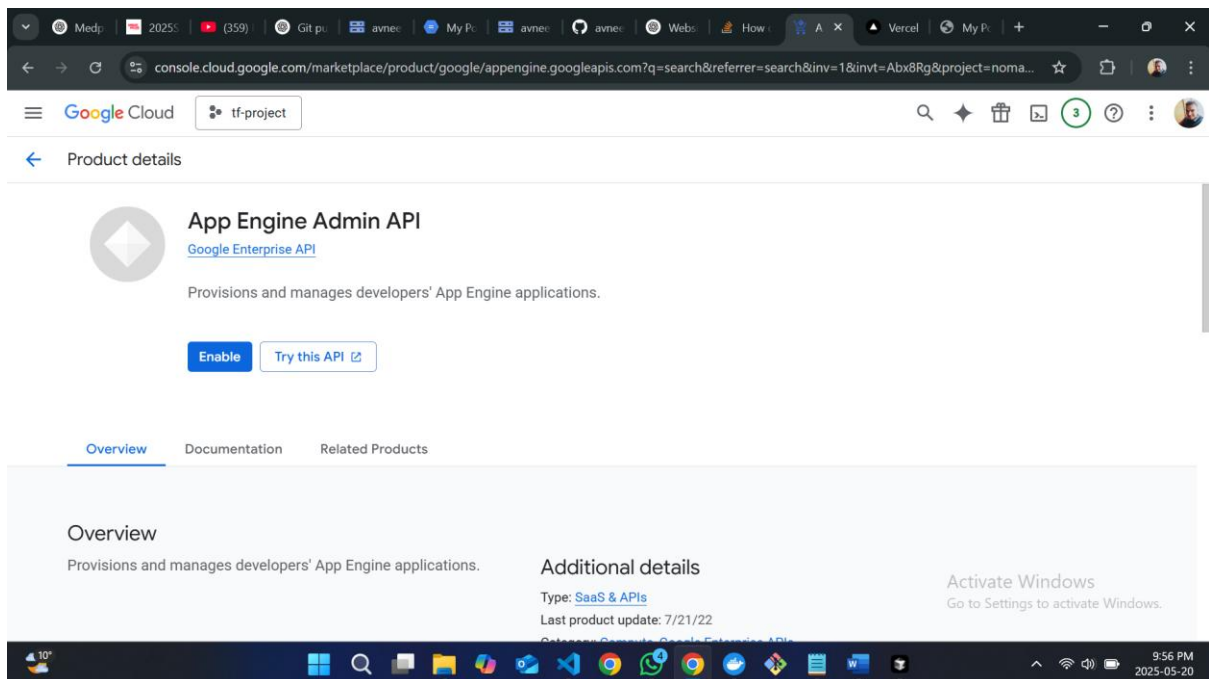
Step 1: Create index.html & css file for the website and it is locally tested.

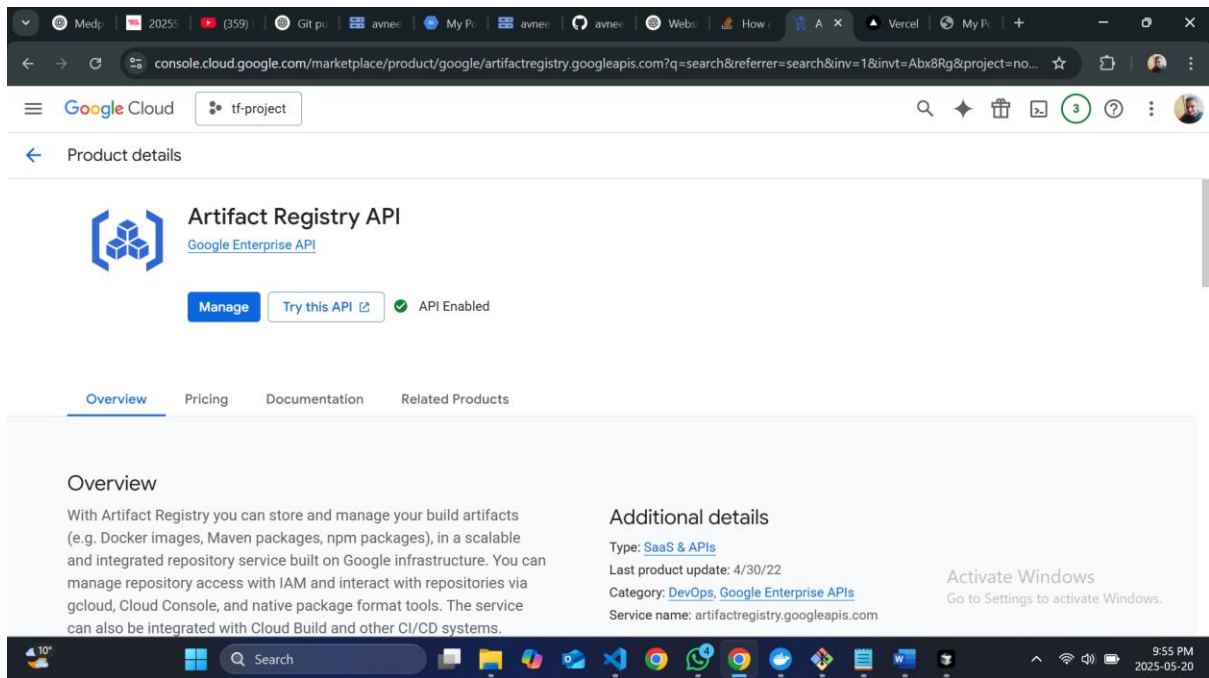


The screenshot shows a Visual Studio Code editor window with a file explorer on the left and a code editor in the center. The file explorer shows a project structure with folders like .terraform, src, .gitignore, and files like index.html, main.tf, outputs.tf, README.md, styles.css, terraform.tfstate, terraform.tfstate.backup, terraform.tfvars, and variables.tf. The index.html file is selected and its content is displayed in the code editor. The code is an HTML document with a title 'My Portfolio', a navigation bar with links to Home, About, Projects, and Contact, and a link to styles.css. The terminal at the bottom shows the current directory path: C:\Users\LENOVO\Desktop\Avneet\Career\tech Resume\Portfolio-Template-main\Resume.

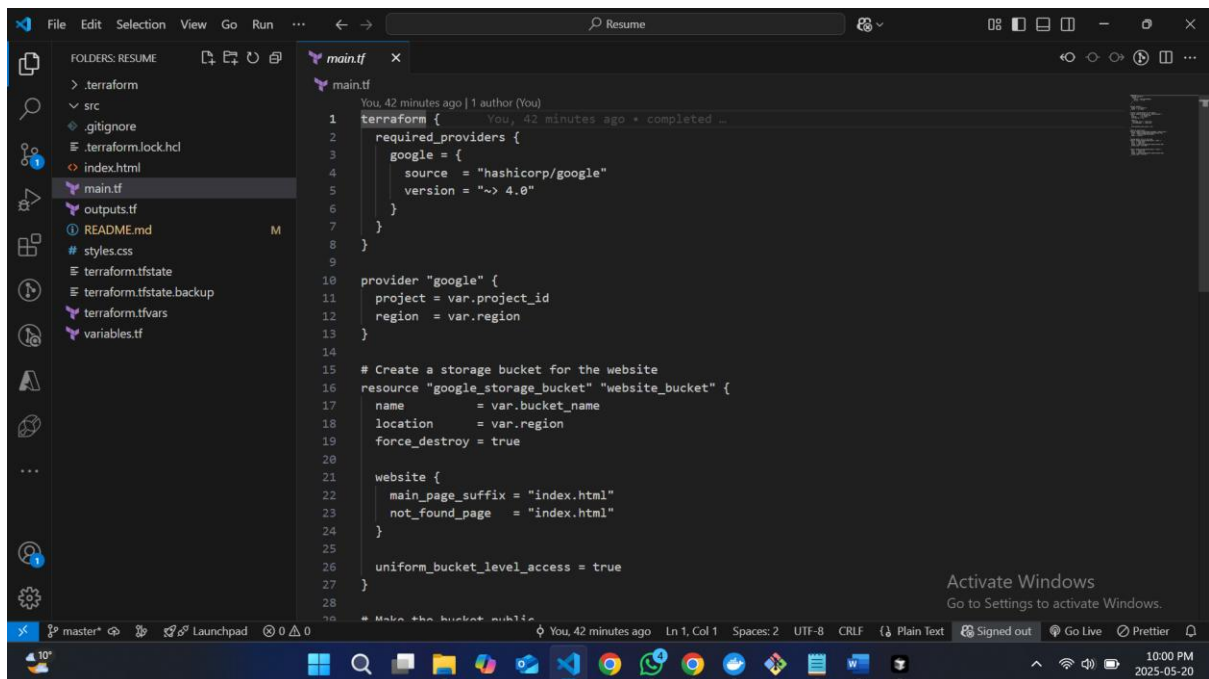
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>My Portfolio</title>
7 <link rel="stylesheet" href="styles.css">
8 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">
9 </head>
10 <body>
11 <header>
12 <nav>
13 <ul>
14 <li><a href="#home">Home</a></li>
15 <li><a href="#about">About</a></li>
16 <li><a href="#projects">Projects</a></li>
17 <li><a href="#contact">Contact</a></li>
18 </ul>
19 </nav>
20 </header>
```

Step 2: Enable artifact registry api and add app engine admin api.

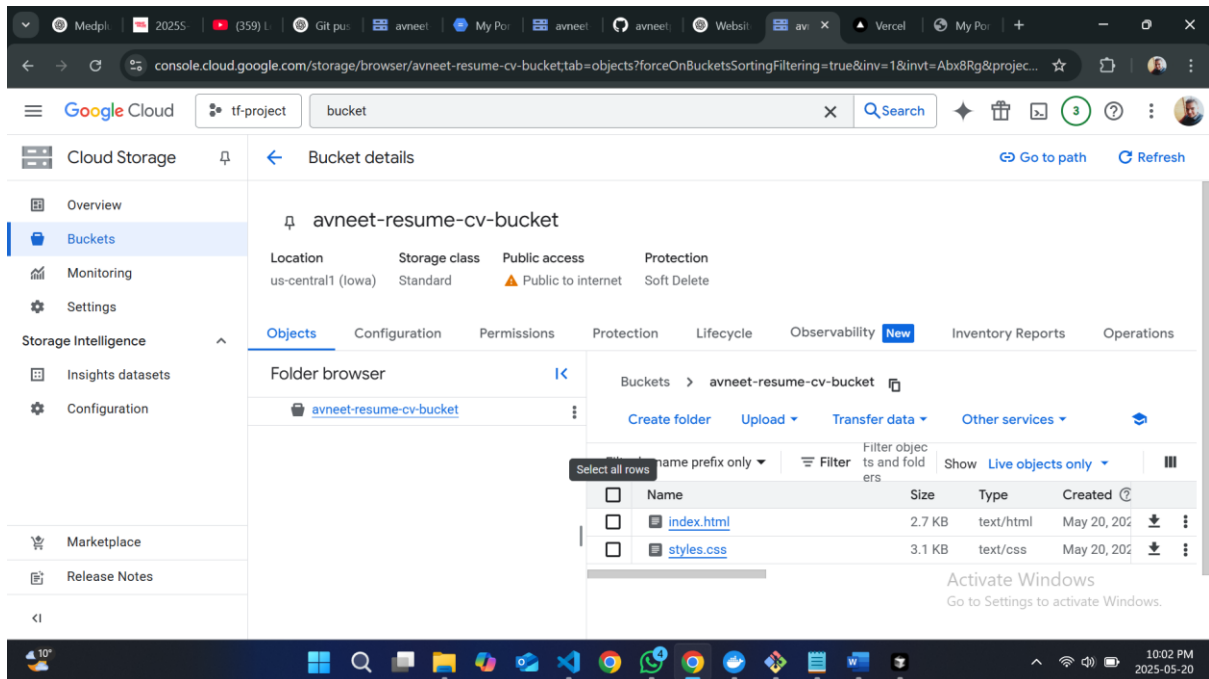




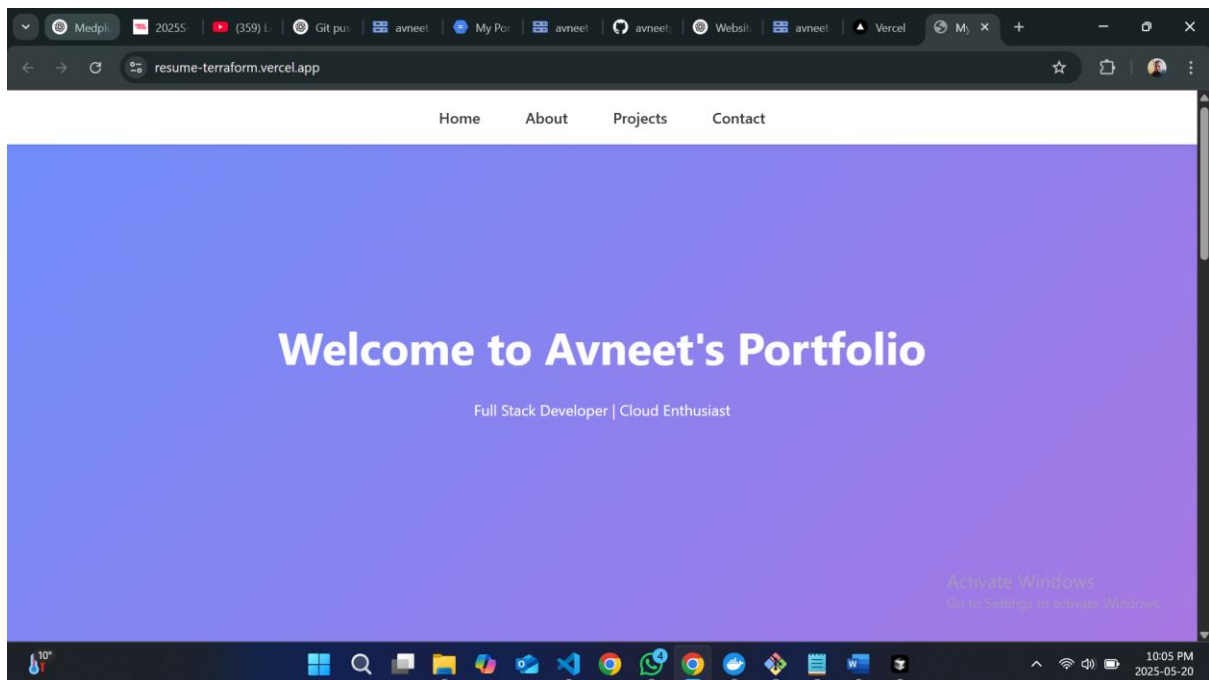
Step 3: In main.tf create add the code to display the project information and create bucket to upload index.html and styles.css file.



Step 4: During the deployment authorised google cli with google credentials and run the terraform commands to update the files and corresponding updates can be seen on the portal



Step 5: Use Vercel to deploy the website which I linked with the github for the easy deployment



Step 6: Final URL:

<https://storage.googleapis.com/avneet-resume-cv-bucket/index.html#projects>

[https://github.com/avneetpandey82/resume\\_terraform](https://github.com/avneetpandey82/resume_terraform)

<https://resume-terraform.vercel.app/>