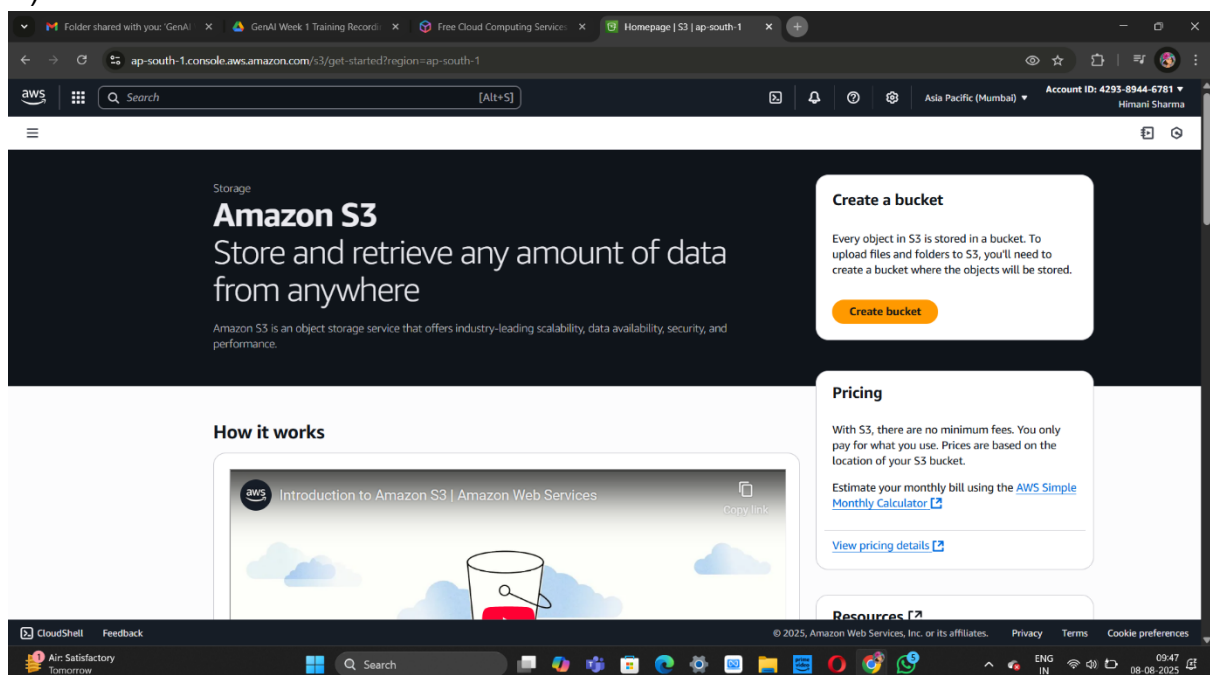


# AWS Practical work

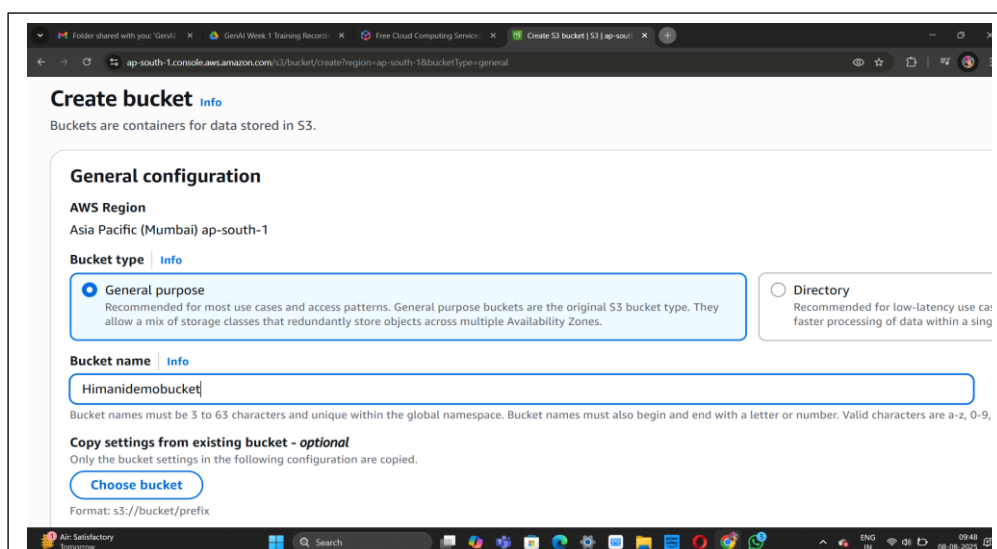
1. **S3** (Amazon S3 (Simple Storage Service) is a scalable cloud storage service that lets you store and retrieve any amount of data securely from anywhere.)

Here we can create the bucket to store the folders and files on the cloud.

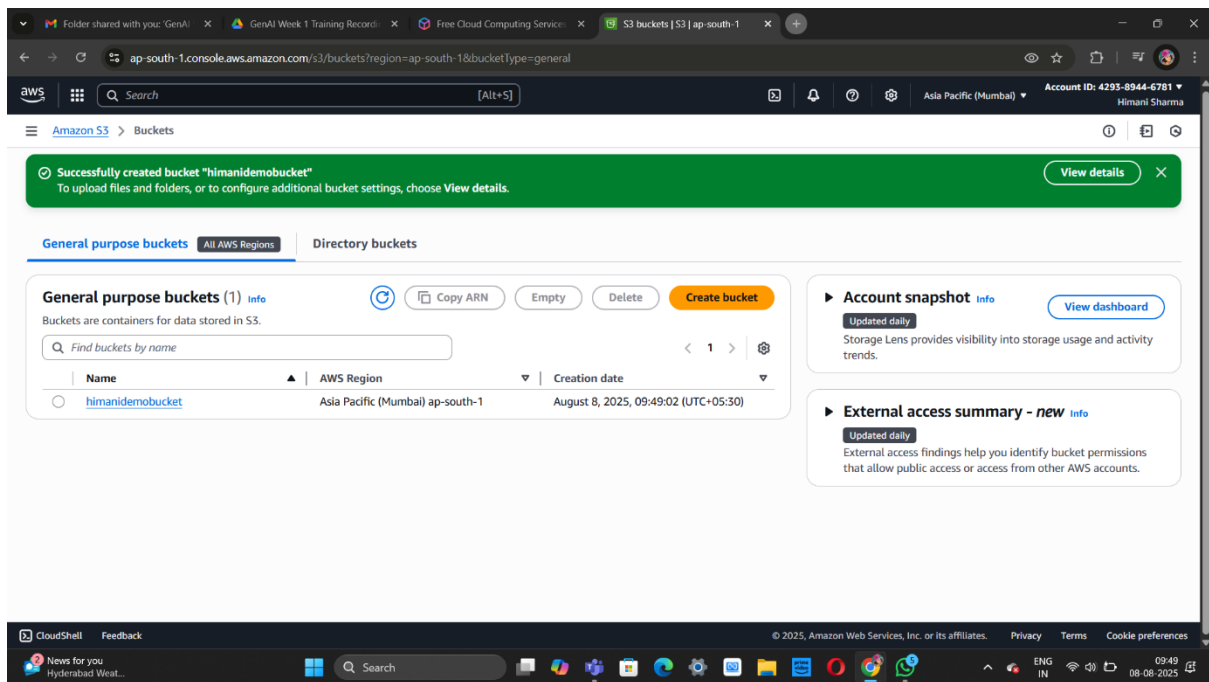
A)



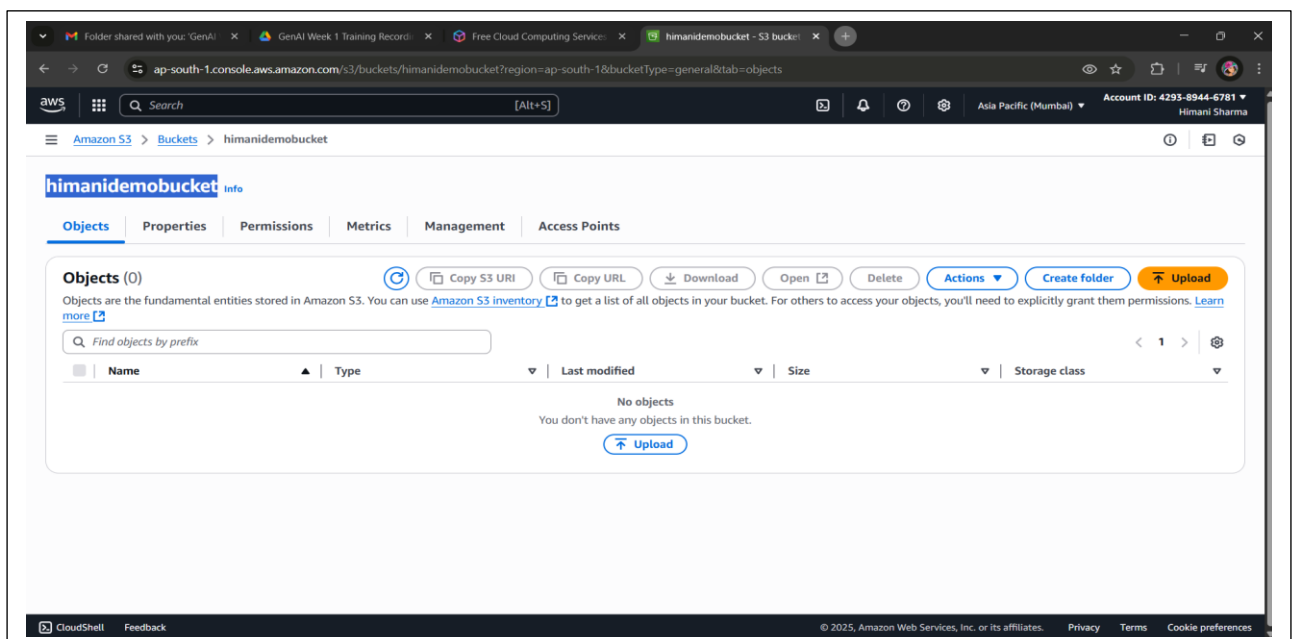
B) Here I give the name to the bucket and then create it.



### C) Successfully created the bucket

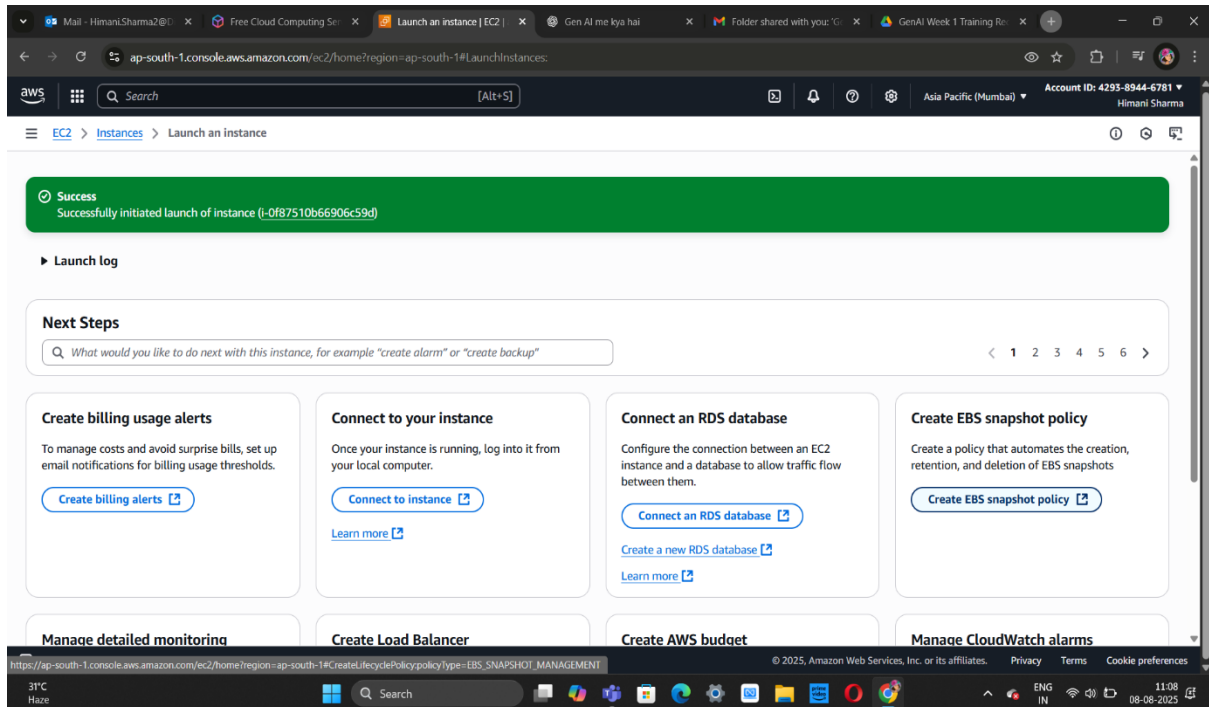


### D) It is the interface where we can upload the documents on AWS.

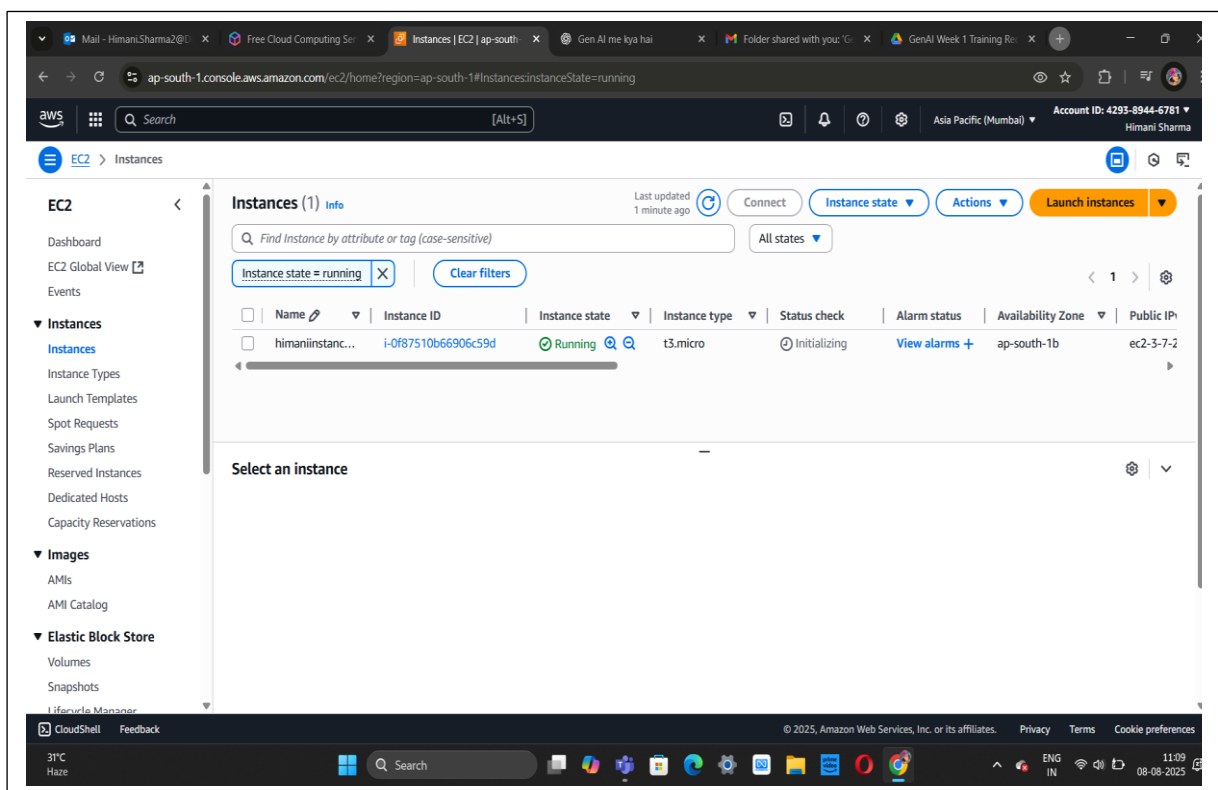


2. **EC2**(Amazon EC2 (Elastic Compute Cloud) is a web service that provides resizable virtual servers in the cloud for running applications.)

A) First I created the instance



B) Interface of instance



The screenshot shows the AWS Management Console interface for connecting to an EC2 instance. The breadcrumb navigation at the top indicates the path: **EC2** > **Instances** > **i-0f87510b66906c59d** > **Connect to instance**. The main heading is **Connect** with an **Info** link. Below the heading, a sub-header states: **Connect to an instance using the browser-based client.**

There are four tabs: **EC2 Instance Connect** (active), **Session Manager**, **SSH client**, and **EC2 serial console**. Under the **EC2 Instance Connect** tab, the **Instance ID** is **i-0f87510b66906c59d (himiainstancedemo11)**.

Two radio buttons are present: **Connect using a Public IP** (selected) and **Connect using a Private IP**. The selected option has a sub-label: **Connect using a public IPv4 or IPv6 address**. The **Private IP** option has a sub-label: **Connect using a private IP address and a VPC endpoint**.

Under the **Public IP** section, there are three radio buttons: **Public IPv4 address** (selected), **IPv4 address**, and **IPv6 address**. The **Public IPv4 address** is **3.7.252.212**.

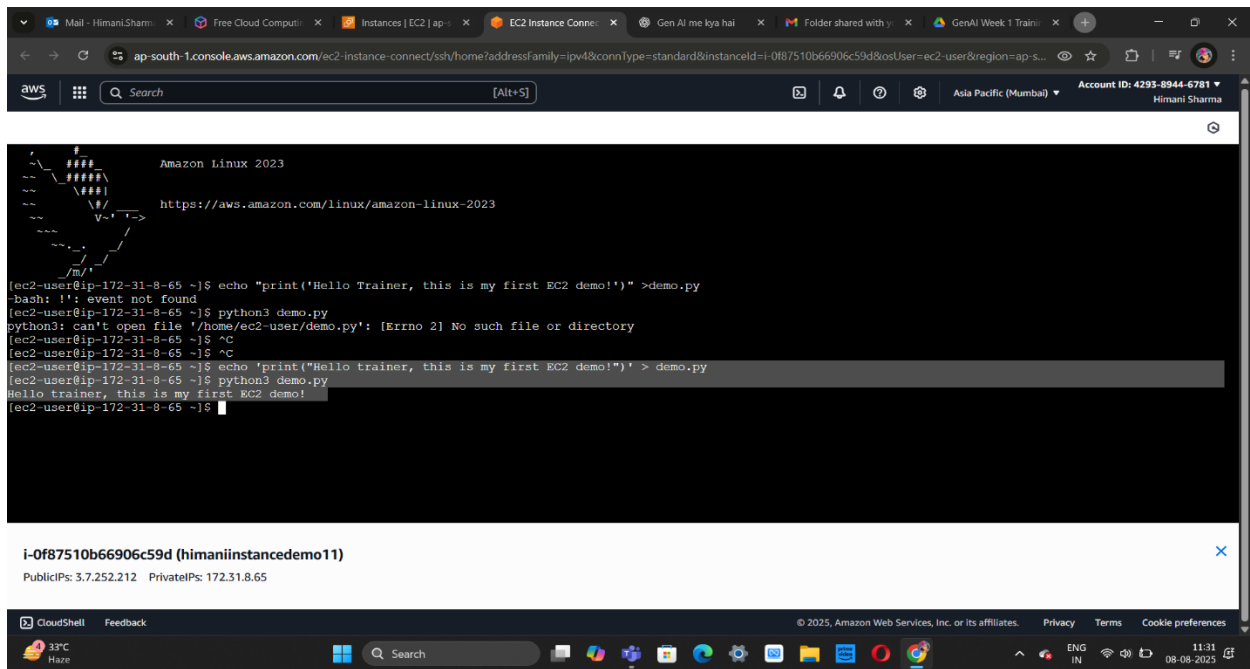
The **Username** field is **ec2-user**. A note below it states: **Note: In most cases, the default username, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.**

At the bottom right, there are **Cancel** and **Connect** buttons.

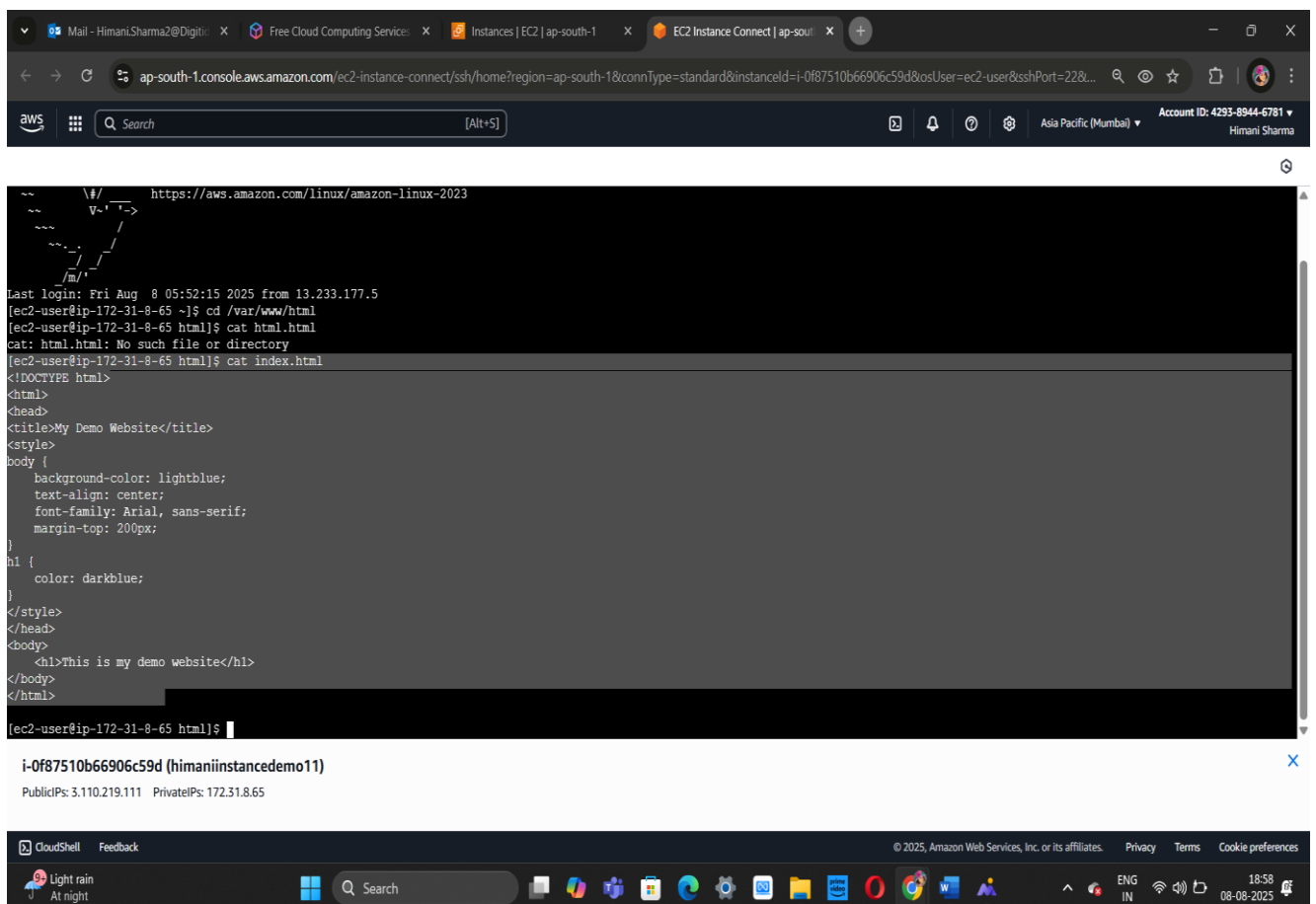
```

awscli$ aws ssh --profile himani --region ap-south-1 --instance-id i-0f87510b66906c59d --ssh-key-path ~/.ssh/himani.pem --user ec2-user
Connecting to i-0f87510b66906c59d in ap-south-1...
[ec2-user@ip-172-31-8-65 ~]$

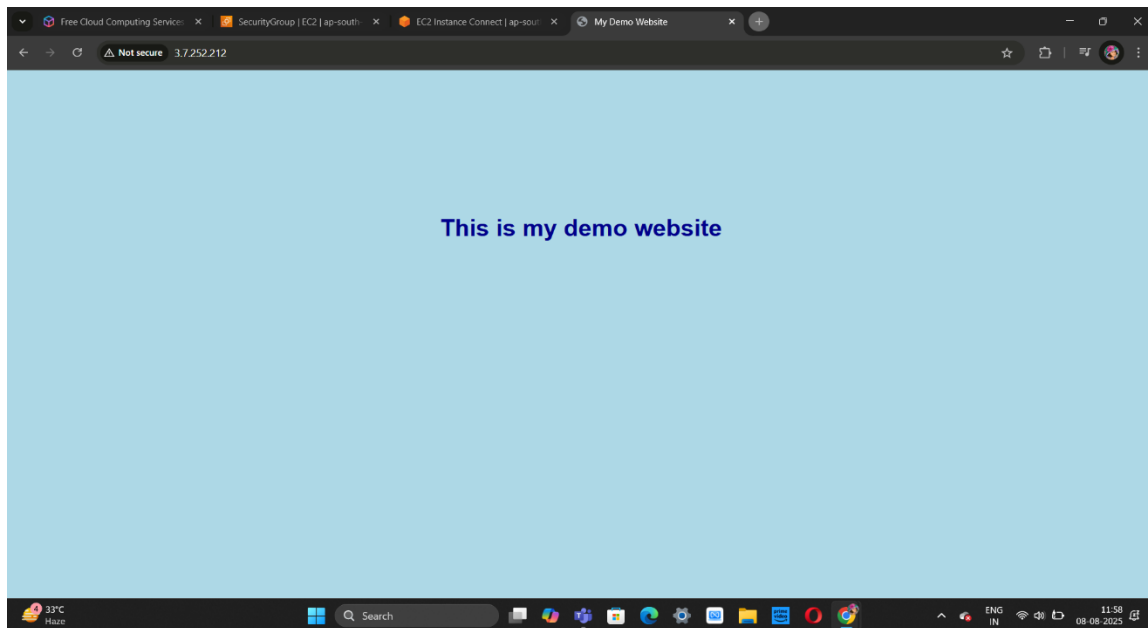
```



## F) Hosted a web page at this instance

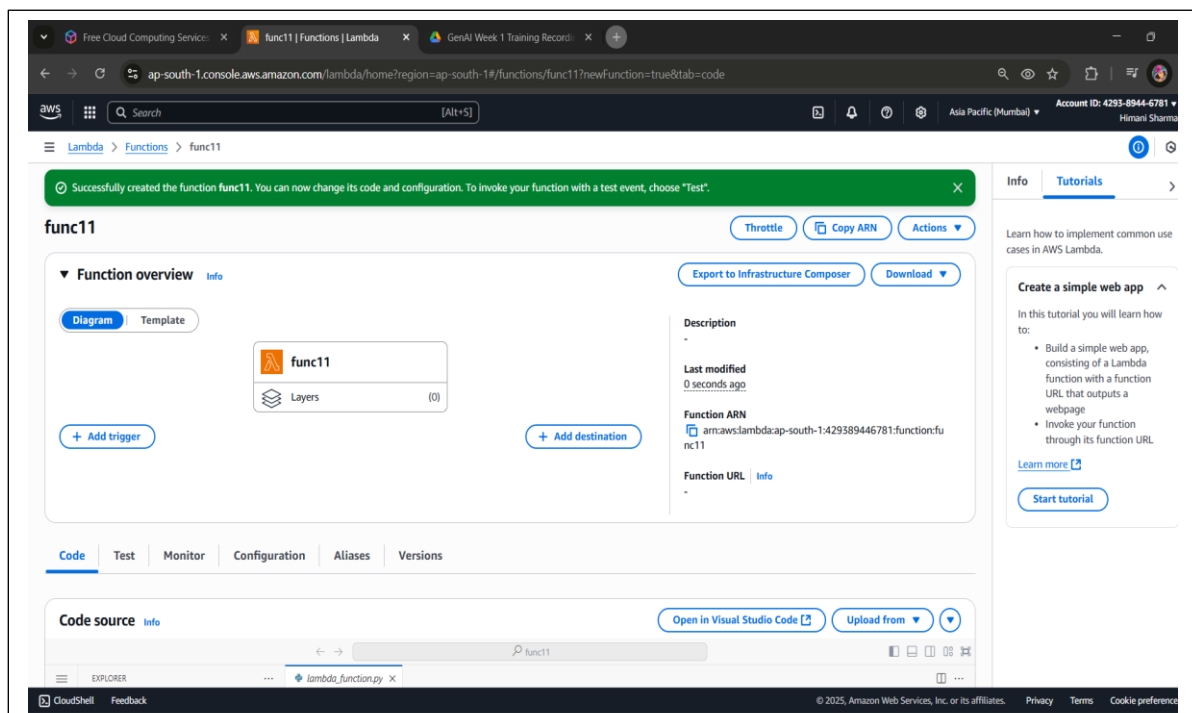


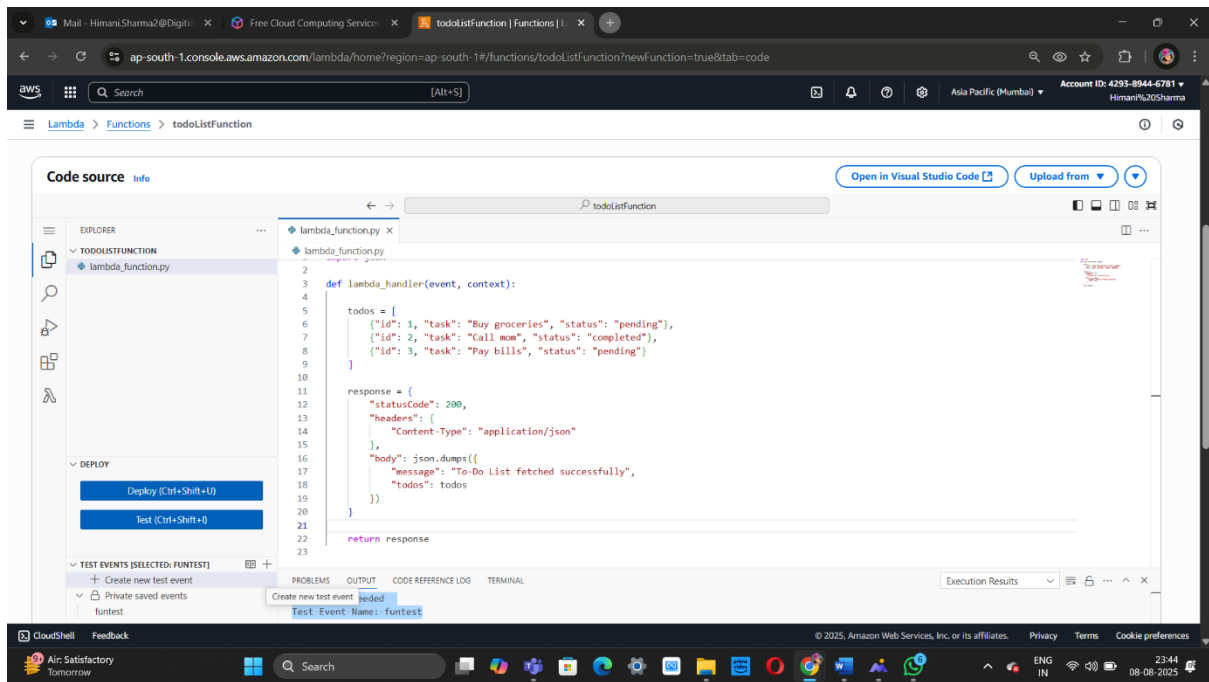
## G) This is the page I have created and hosted over the AWS



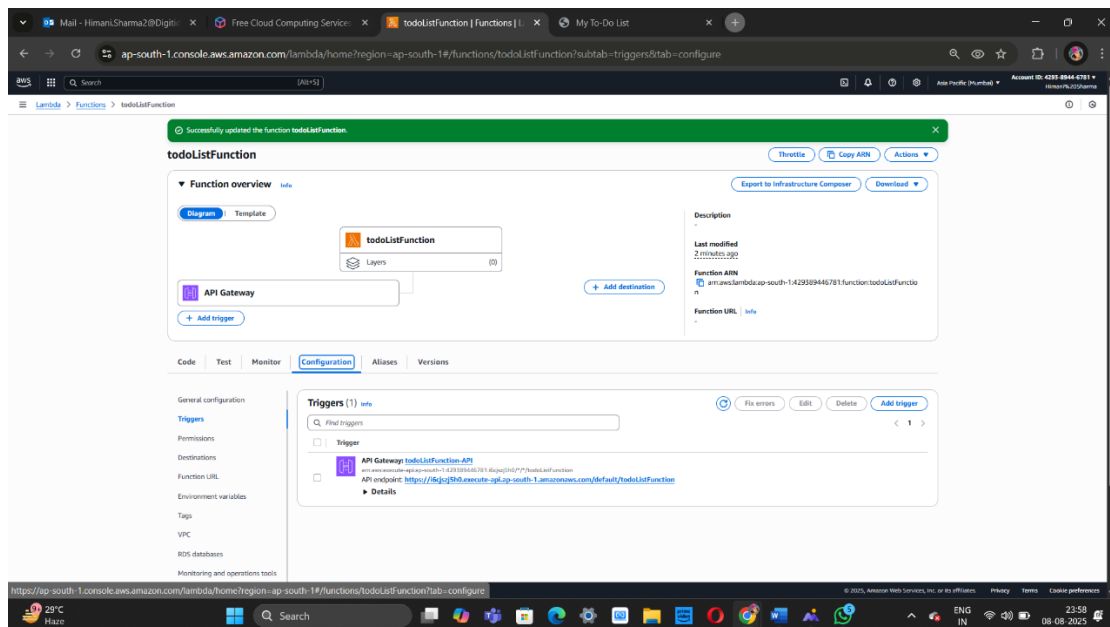
3. **Lambda Function** (AWS Lambda is a serverless compute service that runs your code automatically in response to events without managing servers.)

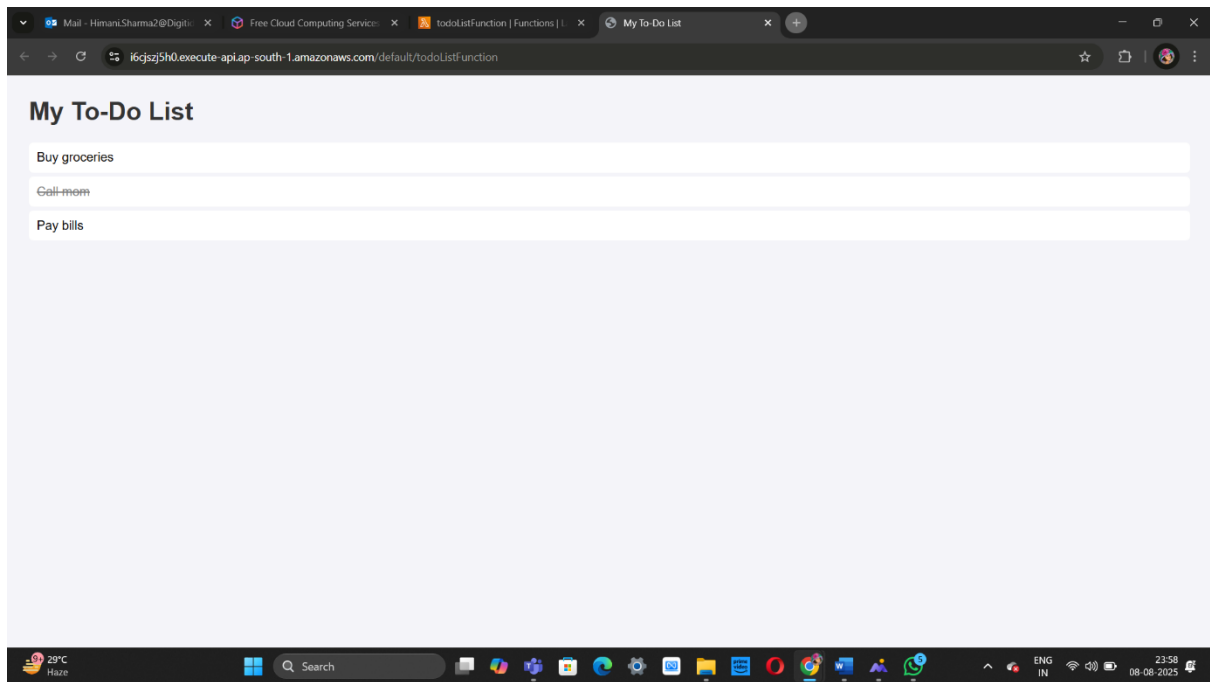
#### A) Creating the lambda function





## C) AWS Lambda Function Integrated with API Gateway to Display To-Do List as a Webpage.





<https://i6cjszj5h0.execute-api.ap-south-1.amazonaws.com/default/todoListFunction>