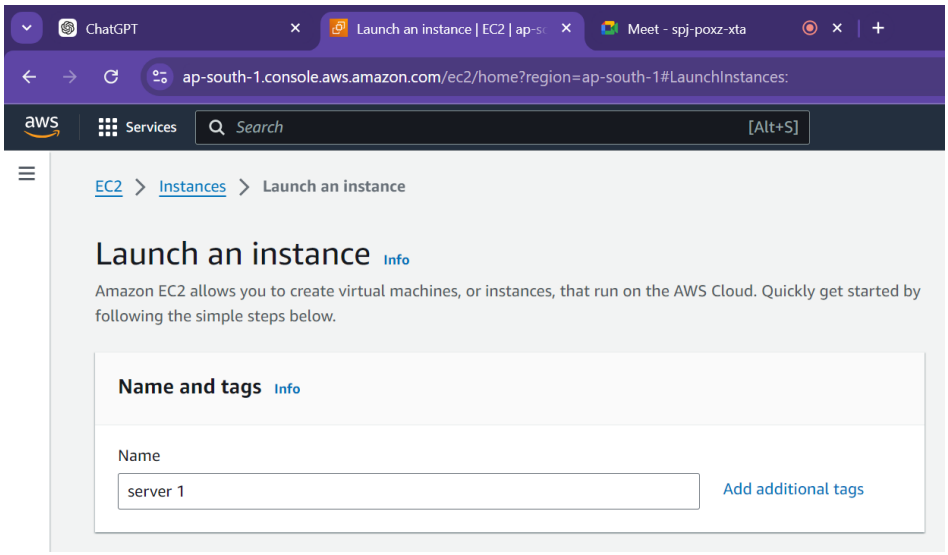
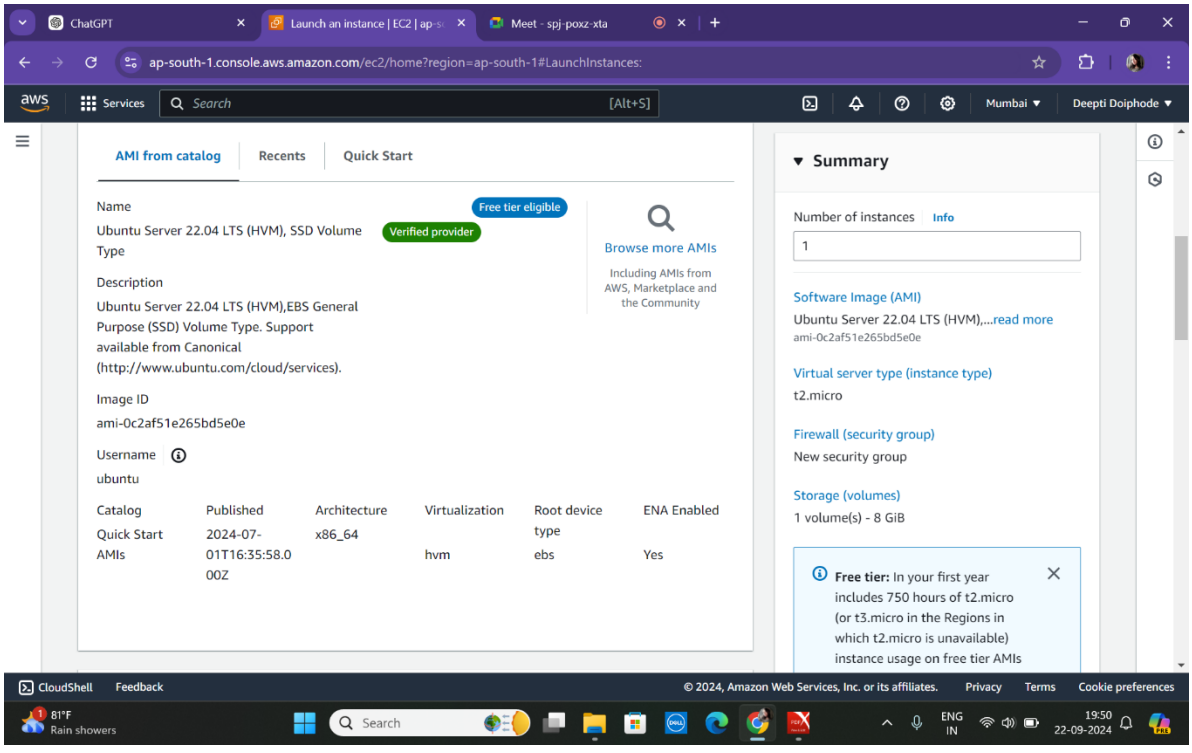
Demo : Hosting multiple websites on a single web server using EC2 Instance

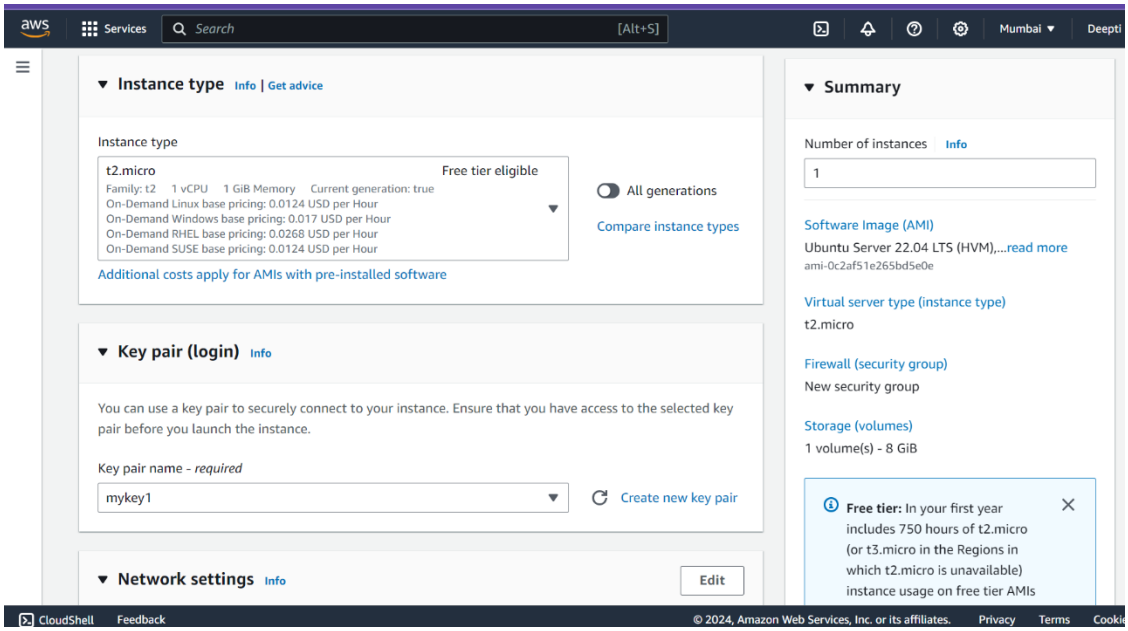
1. Launch instance :

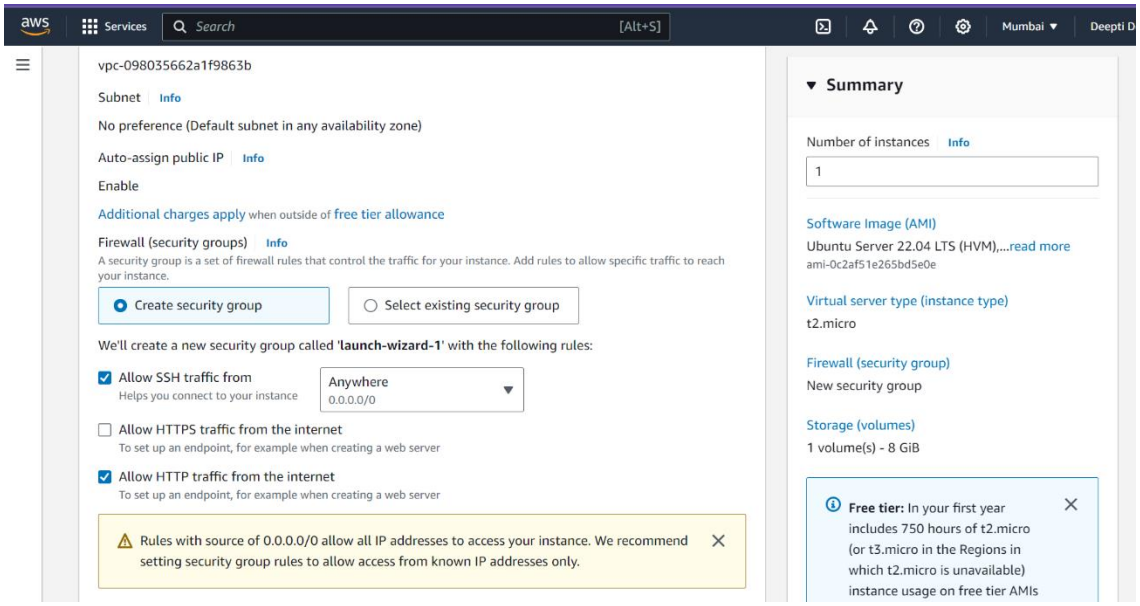
- OS- ubuntu server 22.04 LTS
- Instance type: t2.micro
- Key pair: mykey1
- Create security group: SSH, HTTP

-> Launch Instance



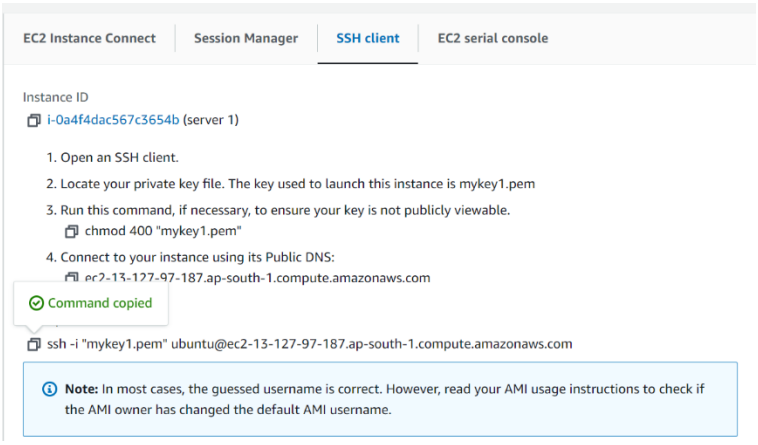






➔ Instance id ->connect ->SSH client

(copy the example below: ssh -i "mykey1.pem" ubuntu@ec2-13-127-97-187.ap-south-1.compute.amazonaws.com)



2. Go to Command Prompt :

➔ And enter commands =

- cd downloads
  (paste ssh protocol example here)
- Yes
- sudo apt update -y (command – to update instance)
- sudo apt upgrade -y (command – to upgrade instance)
  (Enter)
- sudo apt install apache2 -y (install apache web server)
  (Enter)
- sudo apt install git -y

```
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-12-220:~$ sudo apt install git -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.34.1-1ubuntu1.11).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.
ubuntu@ip-172-31-12-220:~$ git clone https://github.com/learning-zone/website-templates
Cloning into 'website-templates'...
remote: Enumerating objects: 9322, done.
remote: Counting objects: 100% (15/15), done.
```

(Enter)

- git clone https://github.com/learning-zone/website-templates (to clone repository)

```
ubuntu@ip-172-31-12-220:~$ git clone https://github.com/learning-zone/website-templates
```

- sudo mkdir /var/www/html/site1 (to create directory for each site)
- sudo mkdir /var/www/html/site2
- sudo mkdir /var/www/html/site3

```
ubuntu@ip-172-31-12-220:~$ sudo mkdir /var/www/html/site1
ubuntu@ip-172-31-12-220:~$ sudo mkdir /var/www/html/site2
ubuntu@ip-172-31-12-220:~$ sudo mkdir /var/www/html/site3
ubuntu@ip-172-31-12-220:~$
```

➔ Go to github and select a template -> Copy path of template

➔ paste in this command in command prompt:

➔ we have taken 3 website templates below: photography website
Restaurant website
Coffee shop website

(in command : sudo cp -r website-tempates/ link of website/* /var/www/html/site/ this is needed)

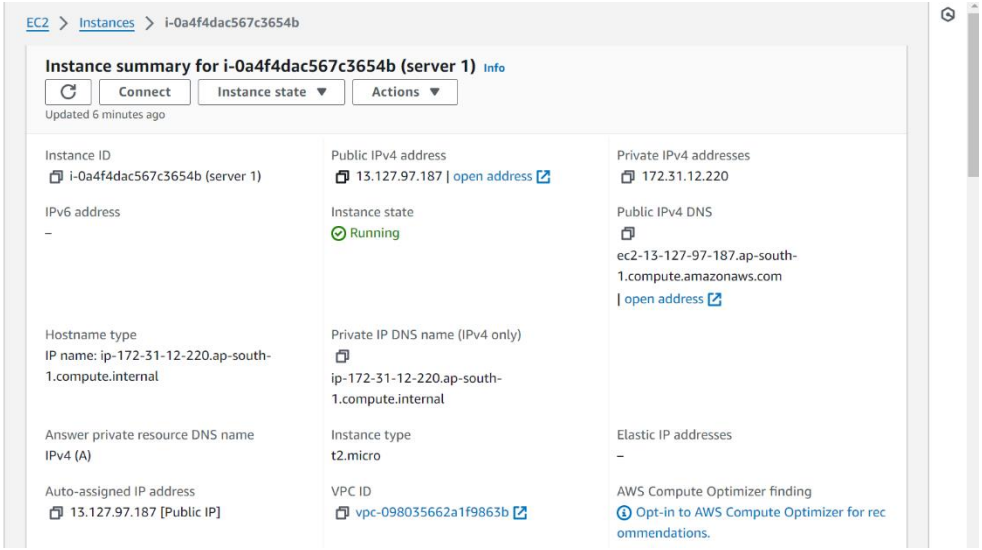
sudo cp -r website-templates/amaze-photography-bootstrap-html5-template/* /var/www/html/site1/
sudo cp -r website-templates/ bestro-restaurant-bootstrap-html5-template /var/www/html/site2/
sudo cp -r website-templates/coffee-shop-free-html5-template/* /var/www/html/site3/

```
ubuntu@ip-172-31-12-220:~$ sudo cp -r website-templates/amaze-photography-bootstrap-html5-template/* /var/www/html/site1
/
ubuntu@ip-172-31-12-220:~$ sudo cp -r website-templates/bestro-restaurant-bootstrap-html5-template/* /var/www/html/site2
/
ubuntu@ip-172-31-12-220:~$ sudo cp -r website-templates/coffee-shop-free-html5-template/* /var/www/html/site3/
```

- sudo systemctl restart apache2

3. Instance

->copy public IPv4 id (13.127.97.187) & paste on Browser



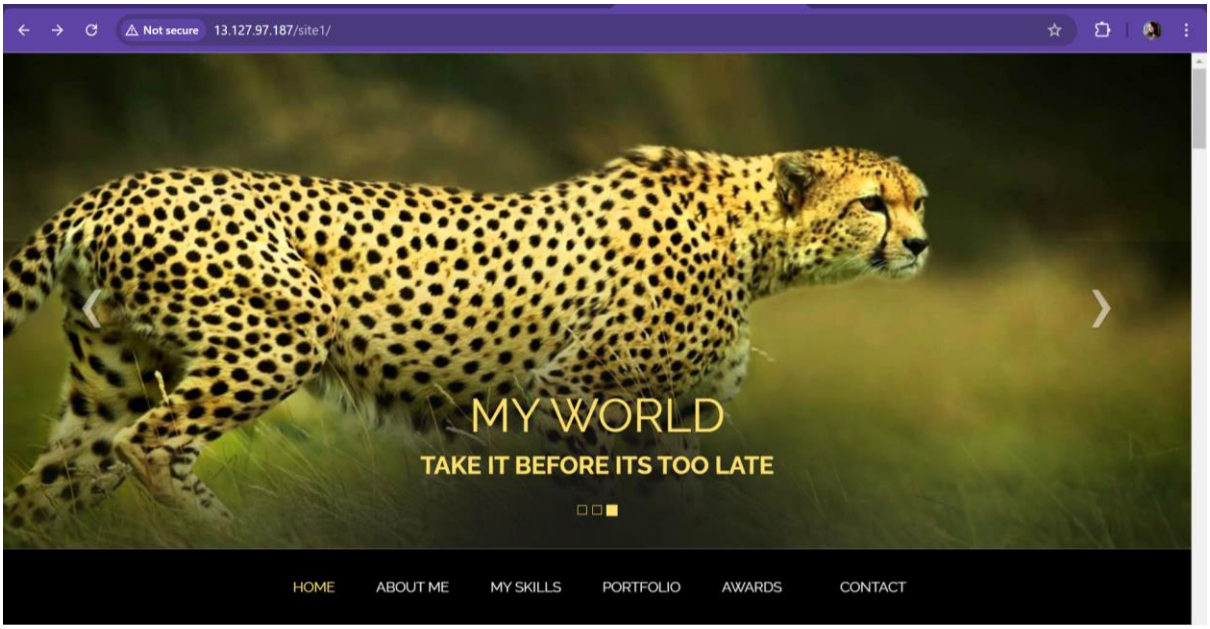
-> now edit the ip address entered in the browser:

13.127.97.187/site1/

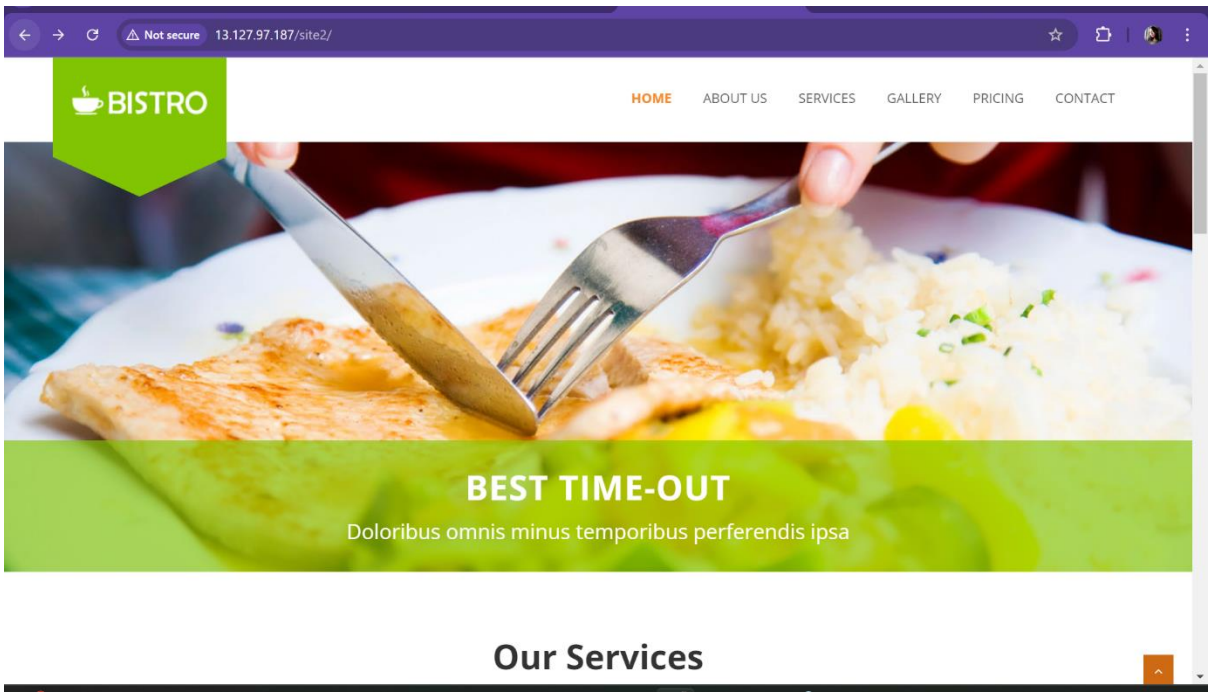
13.127.97.187/site2/

13.127.97.187/site3/

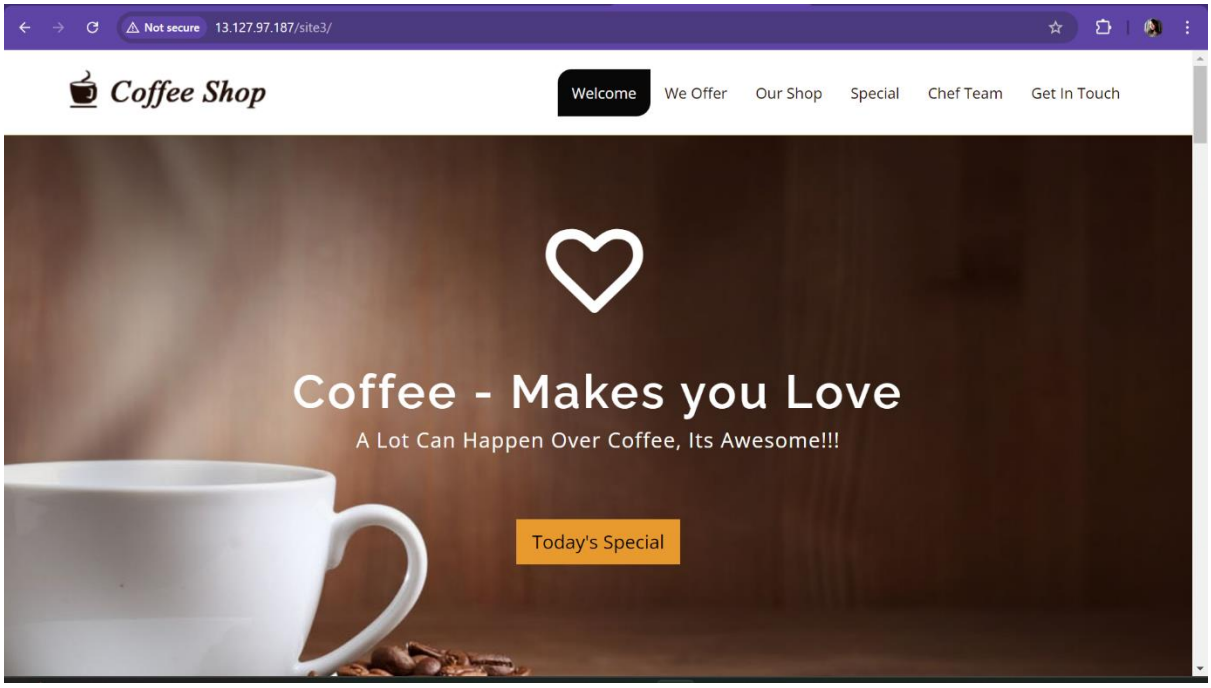
SITE 1



SITE 2


Not secure
13.127.97.187/site2/
BISTRO
HOME
ABOUT US
SERVICES
GALLERY
PRICING
CONTACT
BEST TIME-OUT
Doloribus omnis minus temporibus perferendis ipsa
Our Services

SITE 3


Not secure
13.127.97.187/site3/
Coffee Shop
Welcome
We Offer
Our Shop
Special
Chef Team
Get In Touch
Coffee - Makes you Love
A Lot Can Happen Over Coffee, Its Awesome!!!
Today's Special