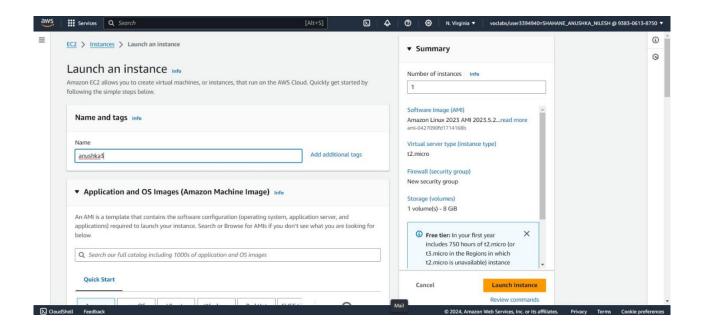
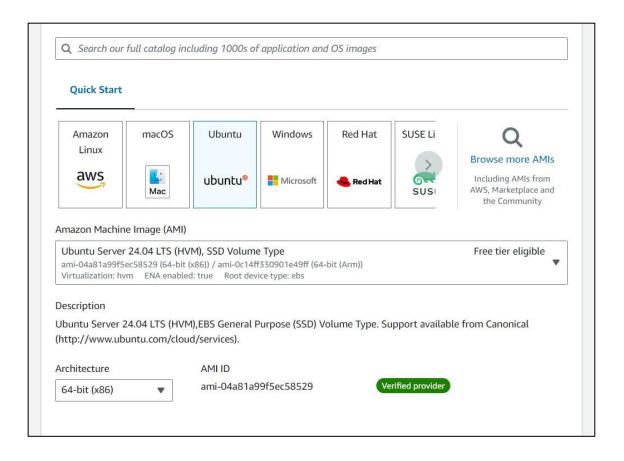
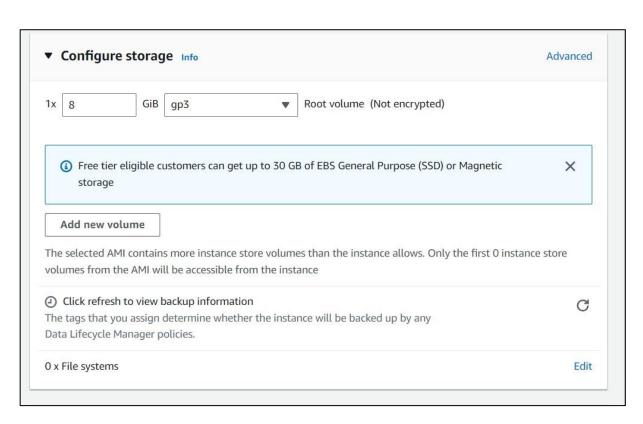
ADVANCE DEVOPS EXPERIMENT 1

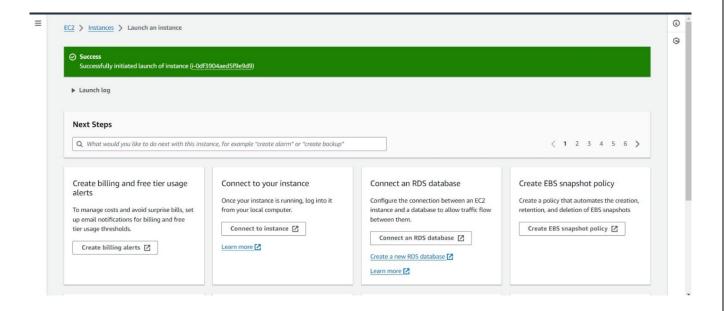
Aim: To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

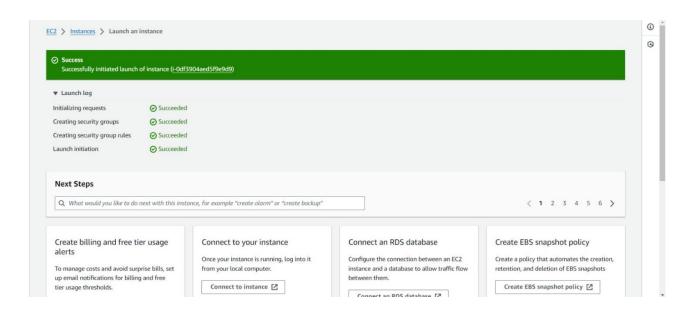


Launch an instance Info Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below. Name and tags Info Name Anushka Add additional tags

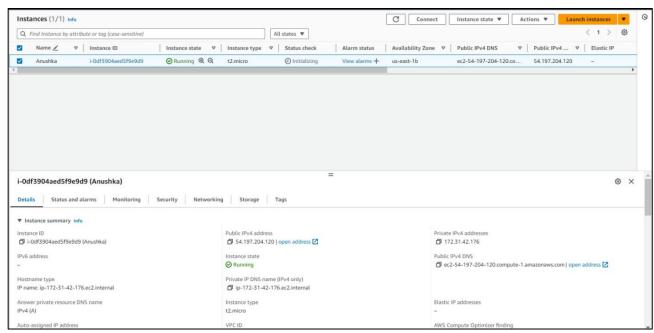












```
To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo_root" for details.

ubuntu@ip-172-31-42-176:~$ ls
ubuntu@ip-172-31-42-176:~$ echo "hello"
hello
ubuntu@ip-172-31-42-176:~$ cat > myfile.txt

This is Advance devops lab
^C
ubuntu@ip-172-31-42-176:~$ cat myfile
cat: myfile: No such file or directory
ubuntu@ip-172-31-42-176:~$ cat myfile.txt

This is Advance devops lab
ubuntu@ip-172-31-42-176:~$
```

Hosting a static website using EC2 instance:

```
*** System restart required ***
Pending kernel upgrade!
Running kernel version:
 6.8.0-1009-aws
Diagnostics:
 The currently running kernel version is not the expected kernel version 6.8.0-1012-aws.
Last login: Tue Jul 30 08:37:47 2024 from 18.206.107.28
ubuntu@ip-172-31-41-78:~$ sudo su
root@ip-172-31-41-78:/home/ubuntu# apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.58-1ubuntu8.4).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ip-172-31-41-78:/home/ubuntu# systemct1
  i-0104434d25a50dc8d (anushka1)
  PublicIPs: 18.215.241.79 PrivateIPs: 172.31.41.78
```

```
-12917 /usr/sbin/apache2 -k start
-12919 /usr/sbin/apache2 -k start
-12921 /usr/sbin/apache2 -k start

Jul 30 08:44:17 ip-172-31-41-78 systemd[1]: Starting apache2.service - The Apache HTTP Server...

Jul 30 08:44:17 ip-172-31-41-78 systemd[1]: Started apache2.service - The Apache HTTP Server.

root@ip-172-31-41-78:/home/ubuntu# cd/var/www/html/
bash: cd/var/www/html/: No such file or directory

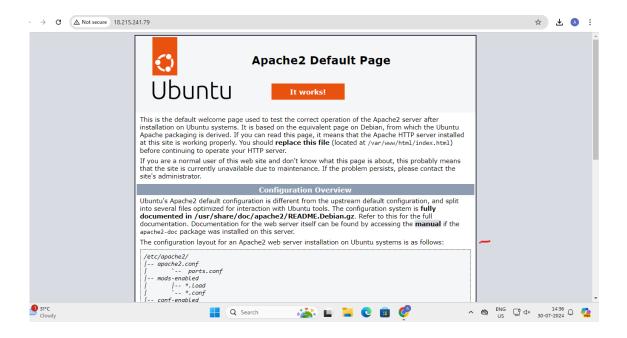
root@ip-172-31-41-78:/home/ubuntu# cd /var/www/html/

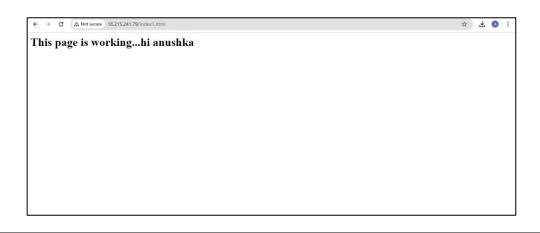
root@ip-172-31-41-78:/var/www/html# /var/www/html#
bash: /var/www/html#: No such file or directory

root@ip-172-31-41-78:/var/www/html#
```

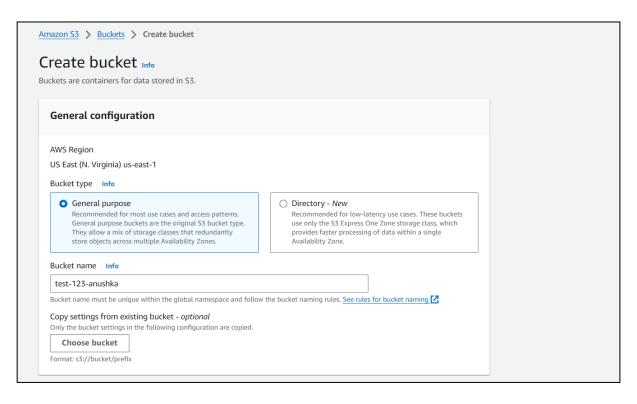
i-0104434d25a50dc8d (anushka1)

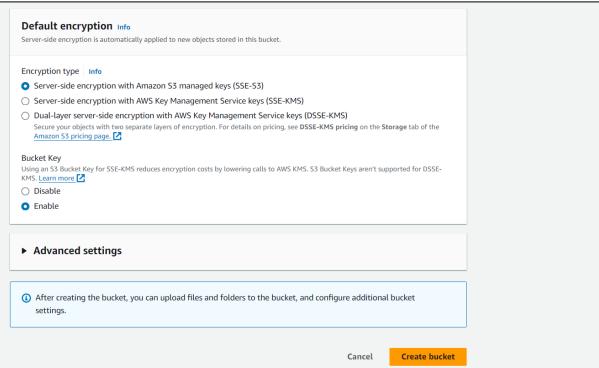
PublicIPs: 18.215.241.79 PrivateIPs: 172.31.41.78

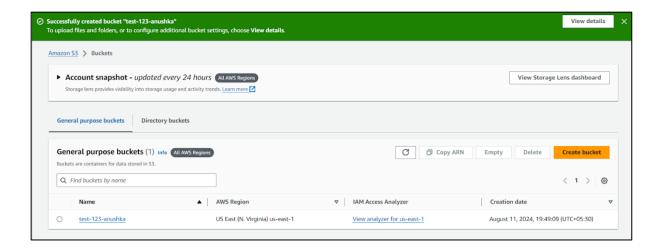


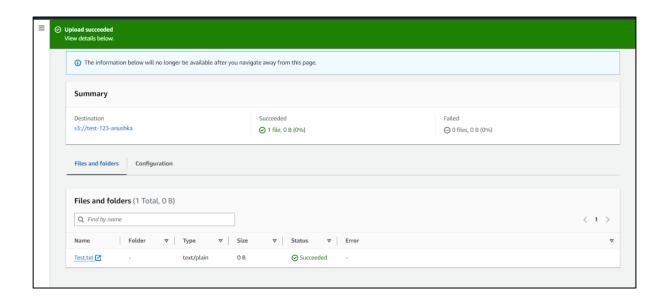


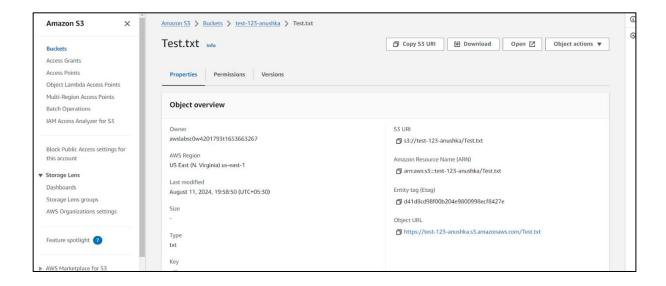
Hosting using S3 bucket:

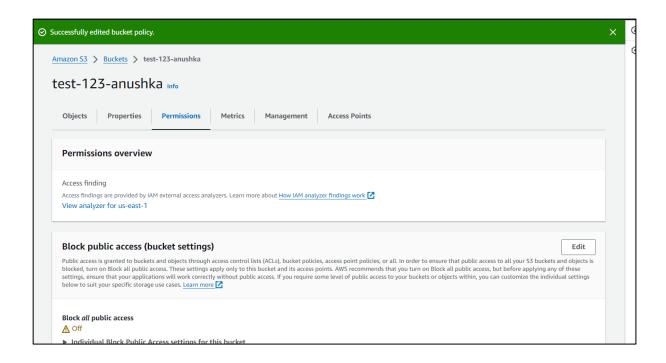


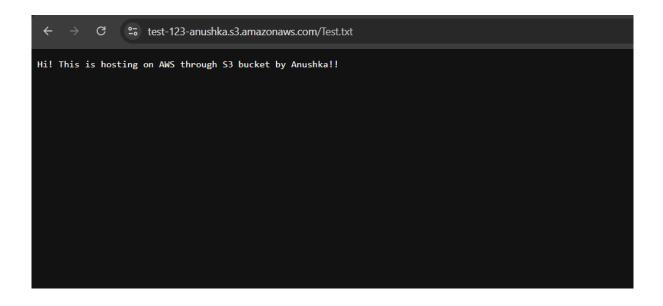






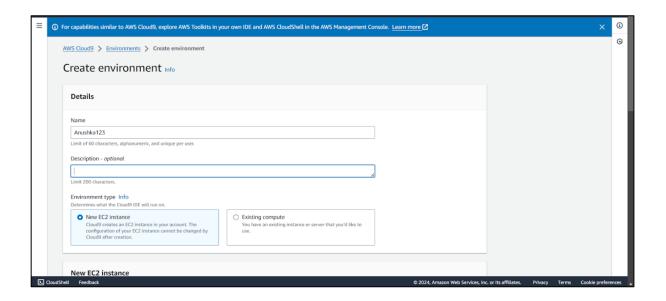


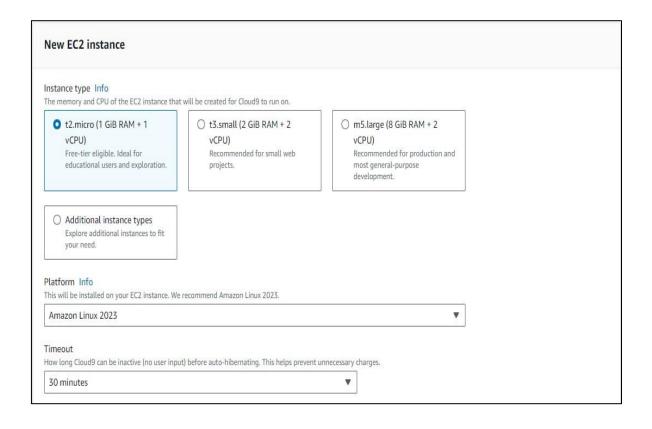


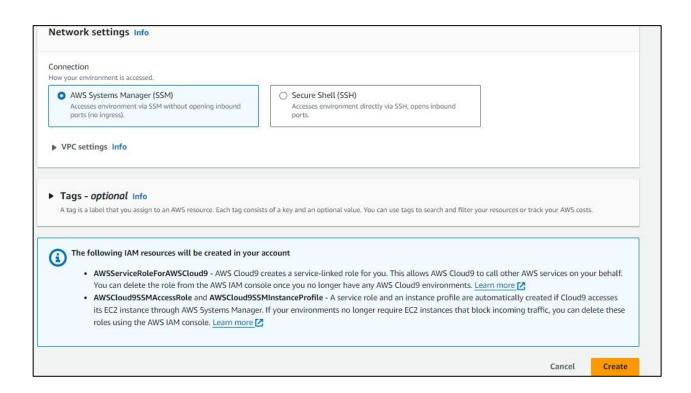


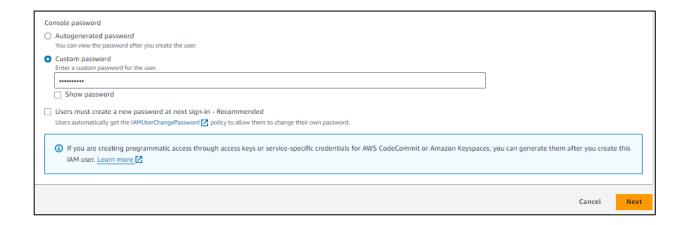
Hosting using Cloud 9:

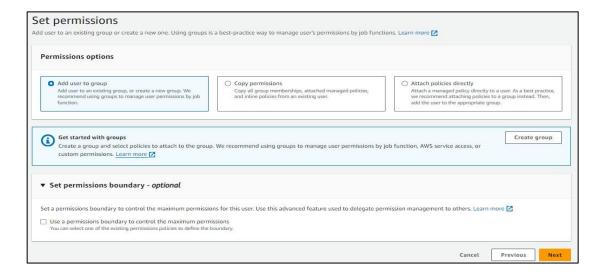


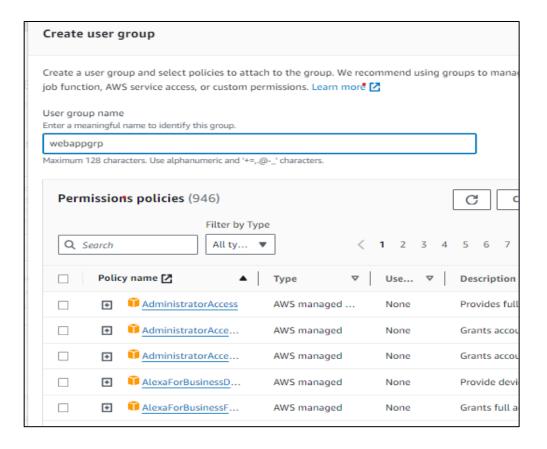


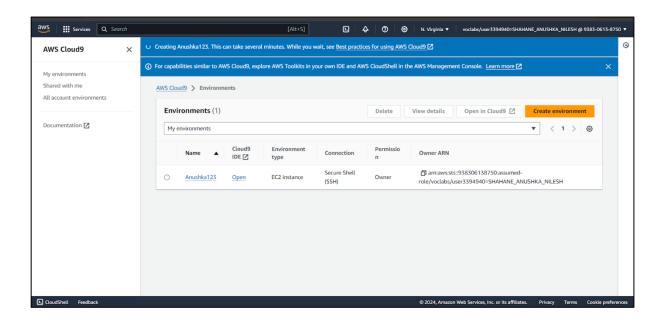


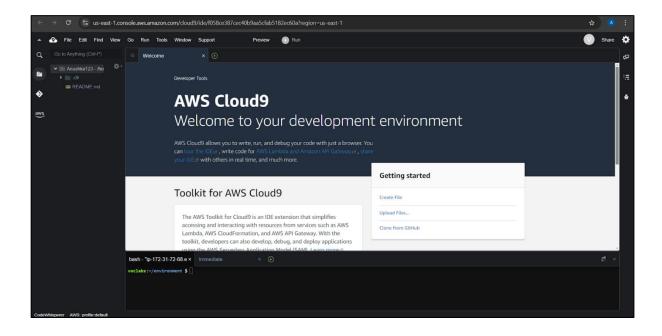


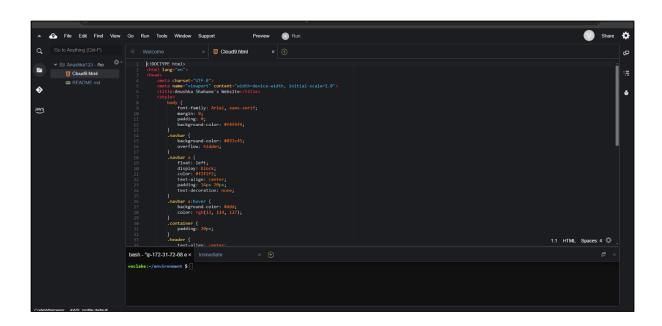


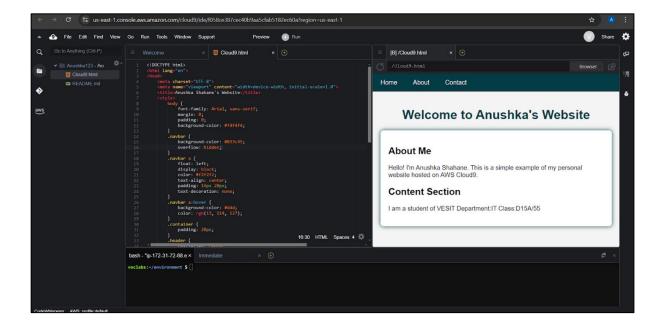




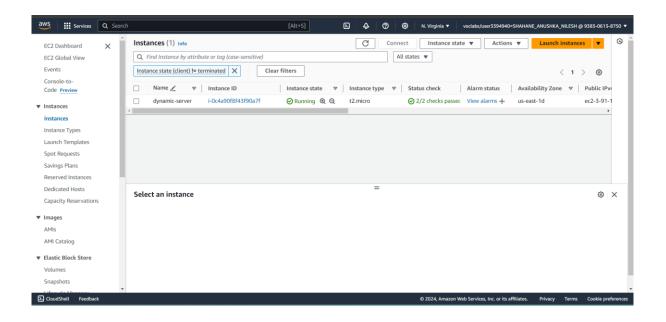


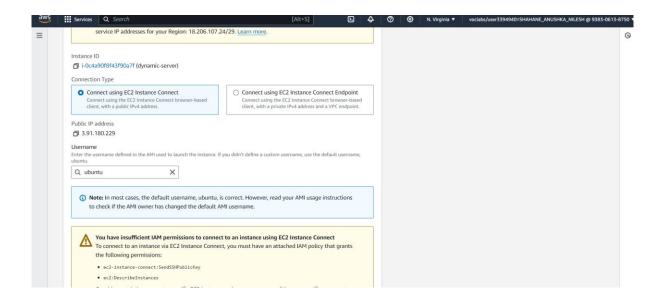






Dynamic Hosting using EC2 instance:





```
ubuntu@ip-172-31-83-228:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-83-228:~$ mkdir Anushka
ubuntu@ip-172-31-83-228:~$ cd Anushka
git clone https://github.com/Anushka3204/Dynamic_hosting_EC2.git
Cloning into 'Dynamic_hosting_EC2'...
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (5/5), 8.39 KiB | 1.68 MiB/s, done.
ubuntu@ip-172-31-83-228:~$ Anushka$ ls
Dynamic_hosting_EC2
ubuntu@ip-172-31-83-228:~$ Anushka$ cd^C
ubuntu@ip-172-31-83-228:~$ Anushka$ cd^D Anushka$ cd^C
ubuntu@ip-172-31-83-228:~$ Anushka$ cd^C
```

```
ubuntu@ip-172-31-83-228:~/Anushka/Dynamic_hosting_EC2/Dynamic_hosting_EC2$ npm i
added 64 packages, and audited 65 packages in 3s

12 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
ubuntu@ip-172-31-83-228:~/Anushka/Dynamic_hosting_EC2/Dynamic_hosting_EC2$
```

```
Dynamic hosting EC2 Dynamic hosting ec2 Hosting dynamic ec2 package-lock.json
ubuntu@ip-172-31-83-228:~/Anushka cd Hosting dynamic_ec2
ubuntu@ip-172-31-83-228:~/Anushka/Hosting dynamic_ec2 ls
index.js package-lock.json package.json
ubuntu@ip-172-31-83-228:~/Anushka/Hosting_dynamic_ec2 npm i

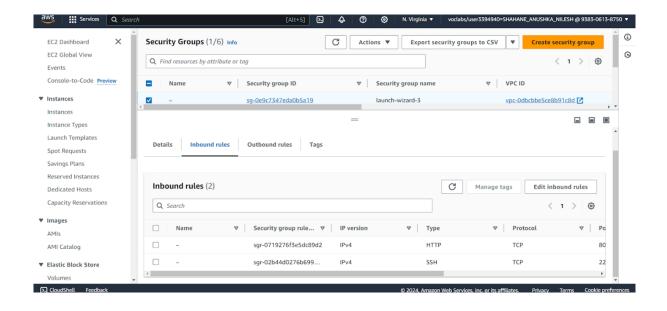
added 64 packages, and audited 65 packages in ls

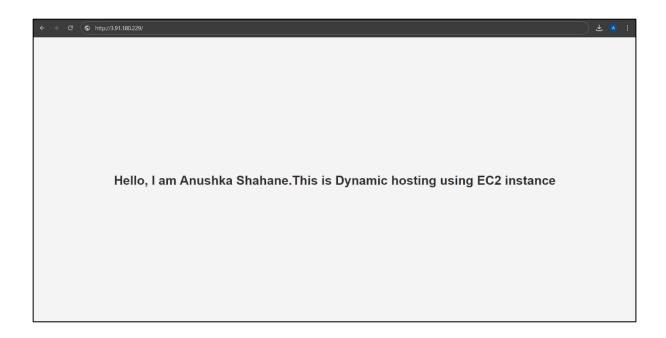
12 packages are looking for funding
   run `npm fund` for details

found 0 vulnerabilities
ubuntu@ip-172-31-83-228:~/Anushka/Hosting_dynamic_ec2 npm start

> server@1.0.0 start
> node index.js

Server is running on port 3000
```





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