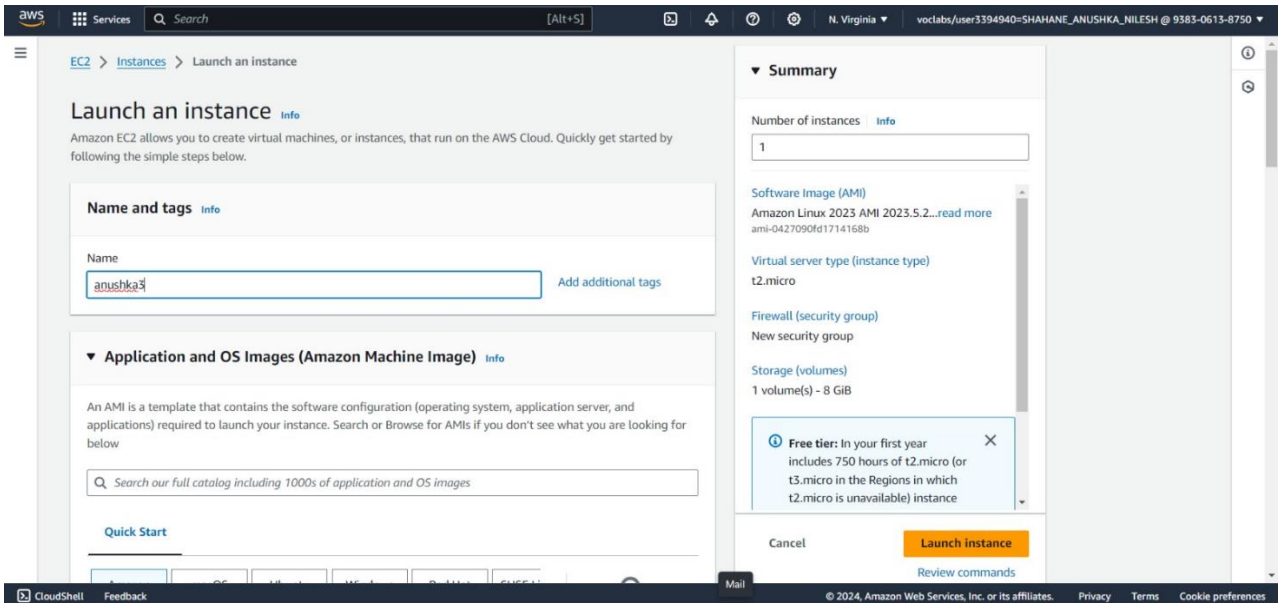
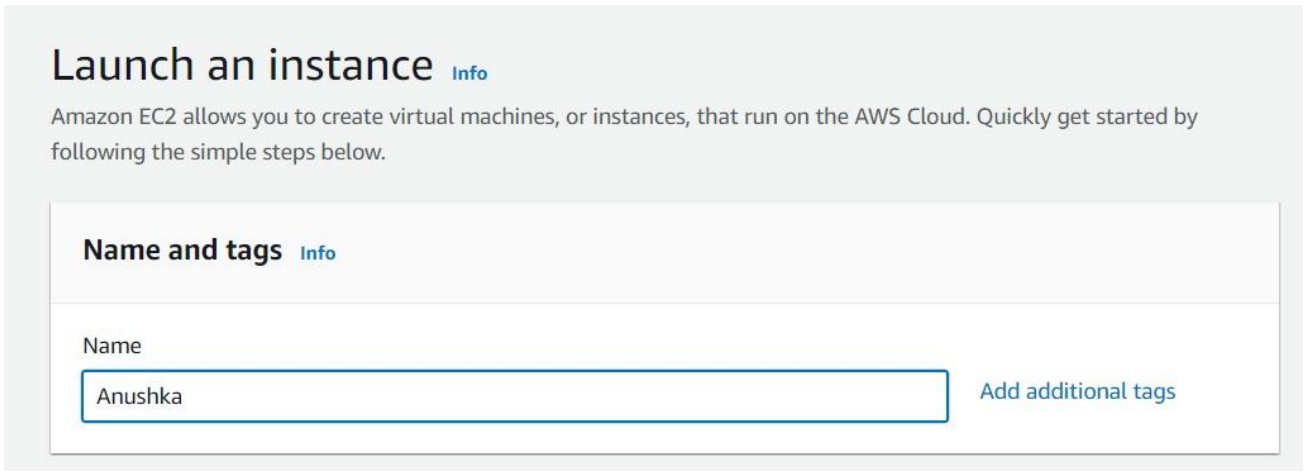
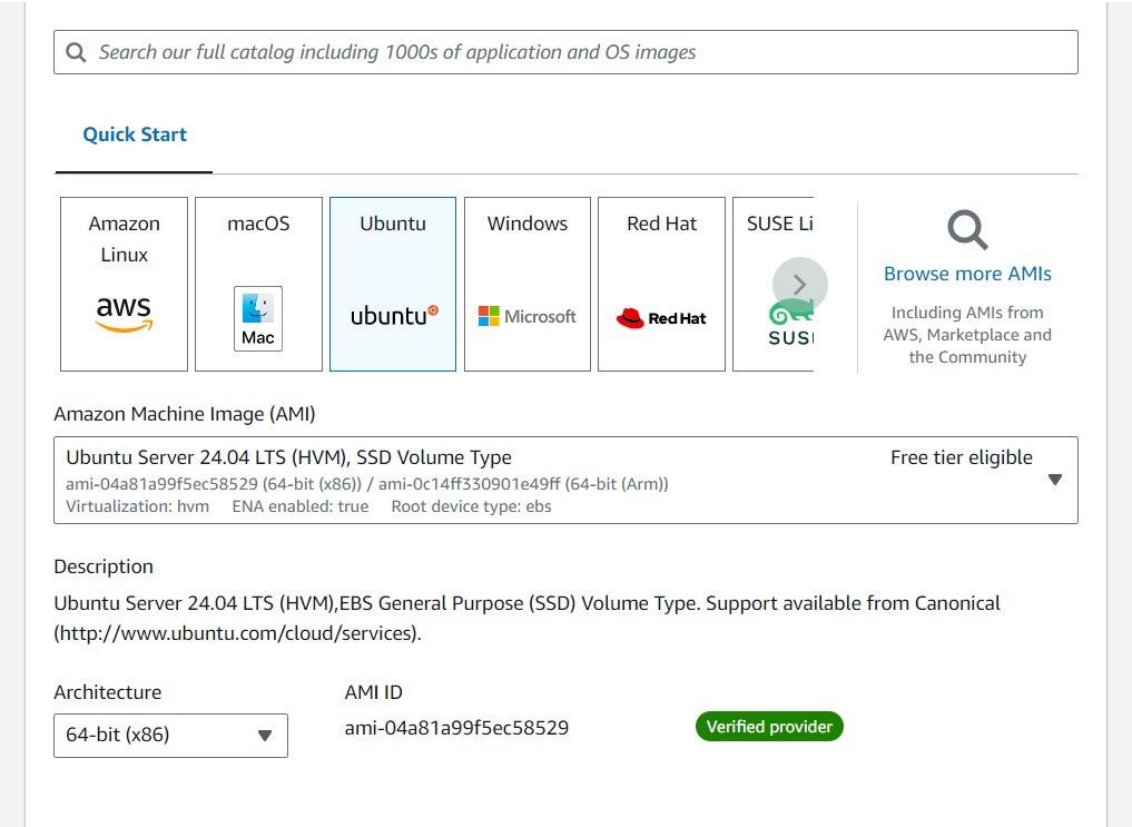
Anushka Shahane D15A 55

ADVANCE DEVOPS EXPERIMENT 1



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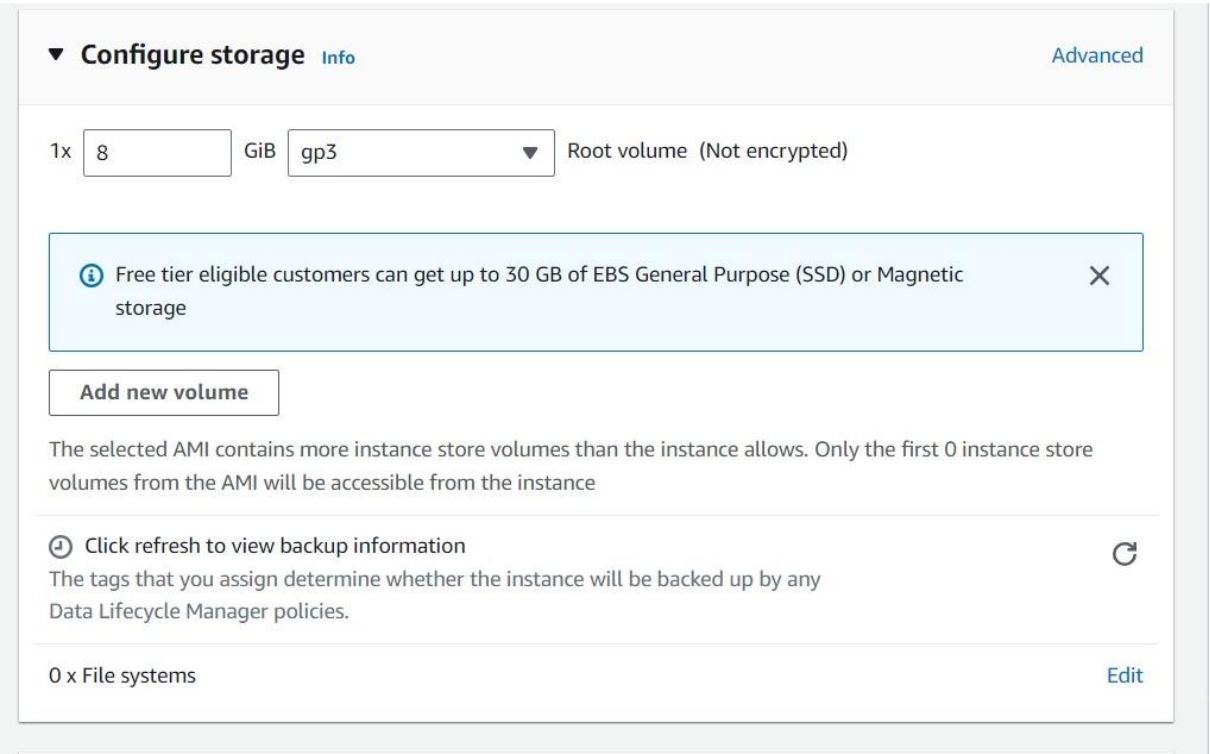
Amazon Machine Image (AMI)
Ubuntu Server 24.04 LTS (HVM), SSD Volume Type
Free tier eligible
ami-04a81a99f5ec58529 (64-bit (x86)) / ami-0c14ff330901e49ff (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs
Description
Ubuntu Server 24.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (http://www.ubuntu.com/cloud/services).
Architecture
64-bit (x86)
AMI ID
ami-04a81a99f5ec58529
Verified provider


Configure storage Info
Advanced
1x 8 GiB gp3 Root volume (Not encrypted)
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance
Click refresh to view backup information
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.
0 x File systems
Edit

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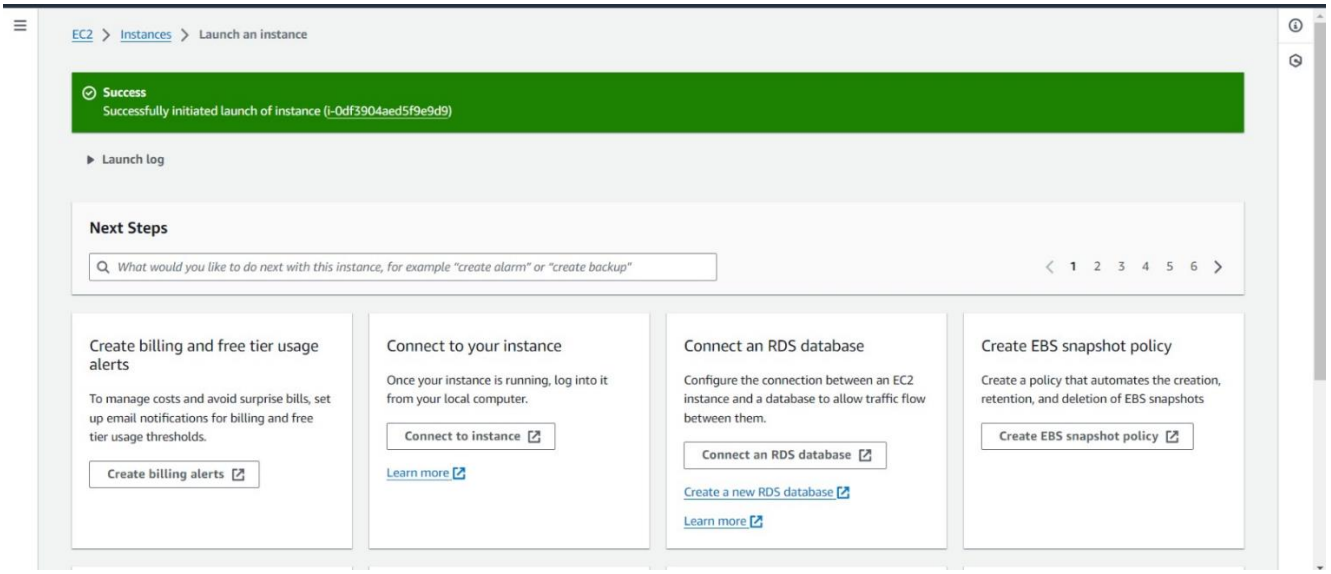

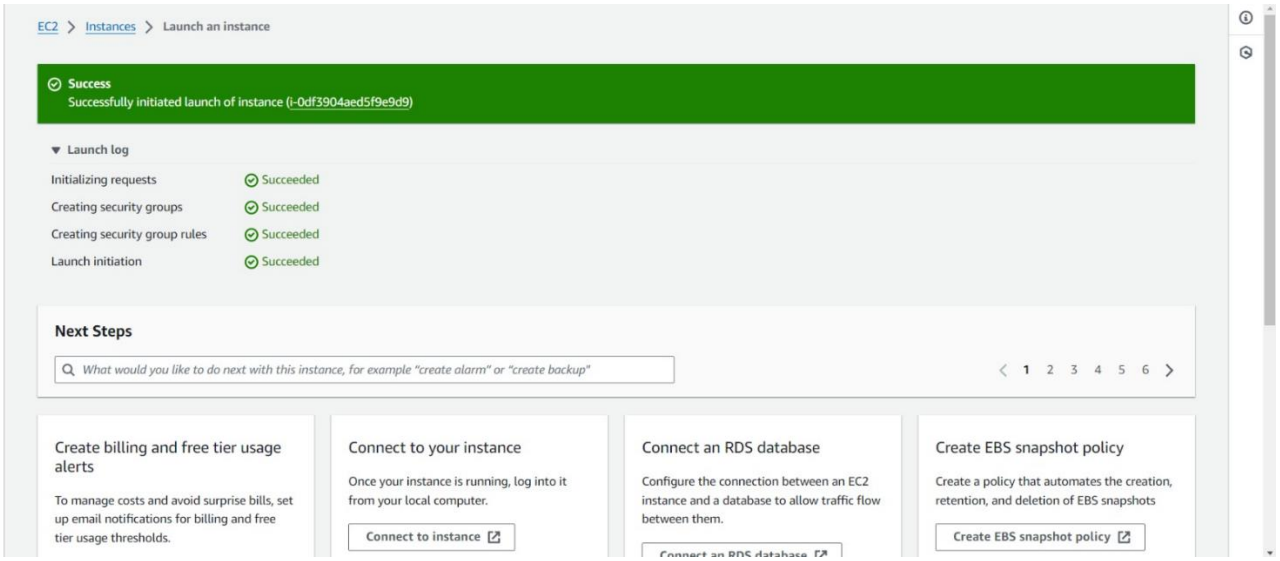

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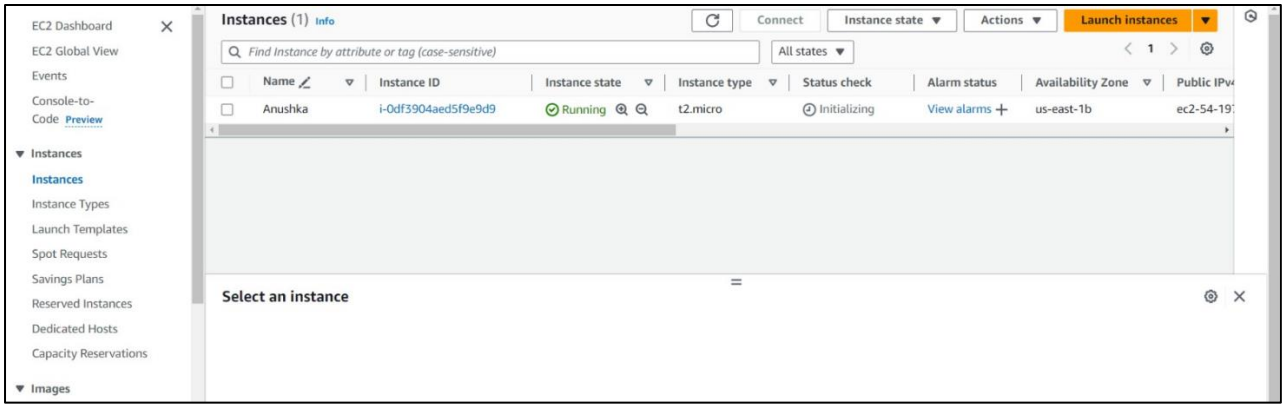

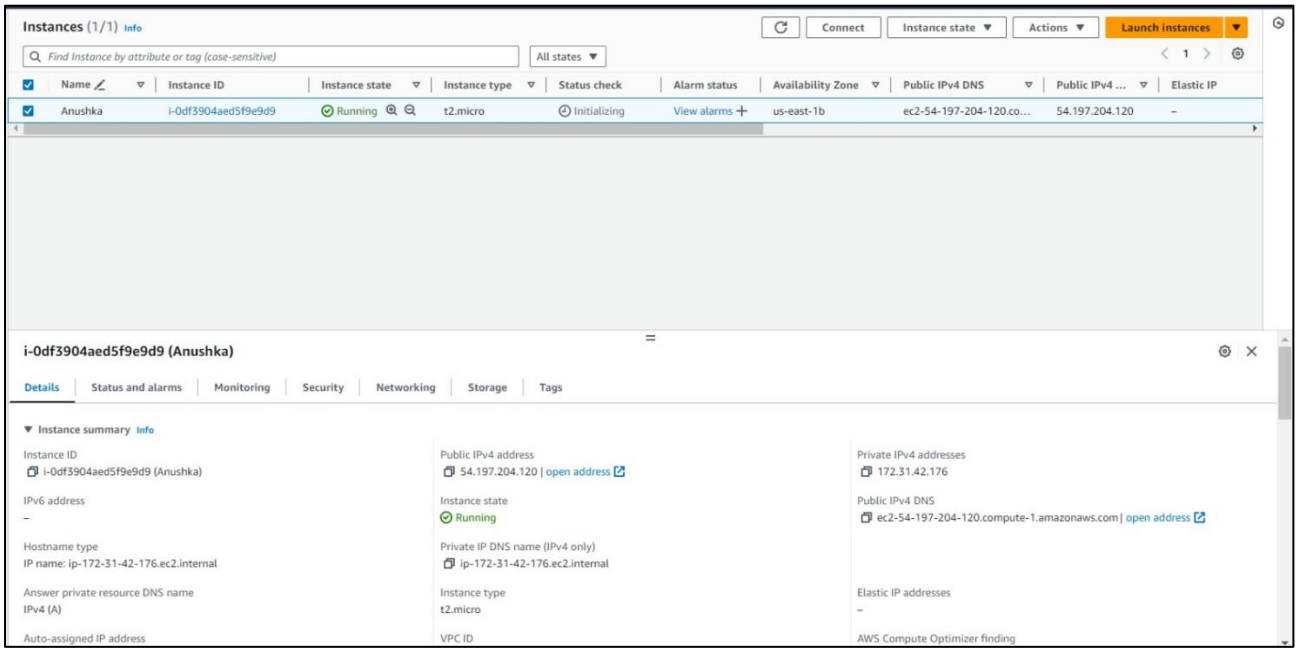


```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

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

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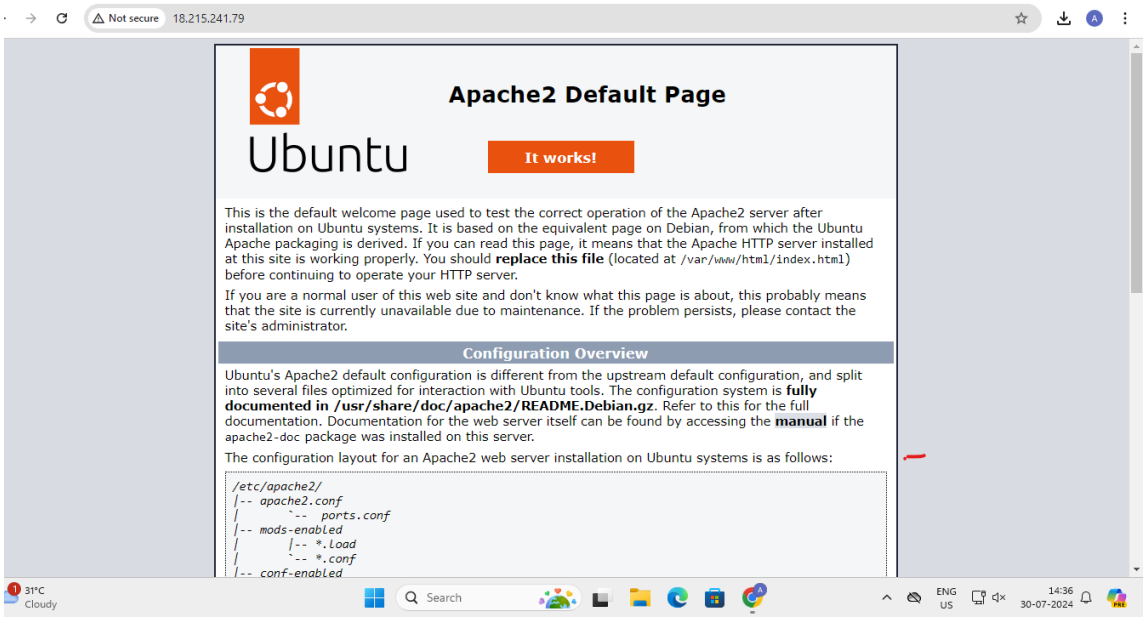
```
  command 'systemctl' from deb systemctl (1.4.4181-1.1)
Try: apt install <deb name>
root@ip-172-31-41-78:/home/ubuntu# systemctl status apache2
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
     Active: active (running) since Tue 2024-07-30 08:44:17 UTC; 12min ago
       Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 12917 (apache2)
      Tasks: 55 (limit: 1130)
     Memory: 5.3M (peak: 5.4M)
        CPU: 74ms
     CGroup: /system.slice/apache2.service
             ├─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#
```

i-0104434d25a50dc8d (anushka1)

PublicIPs: 18.215.241.79 PrivateIPs: 172.31.41.78



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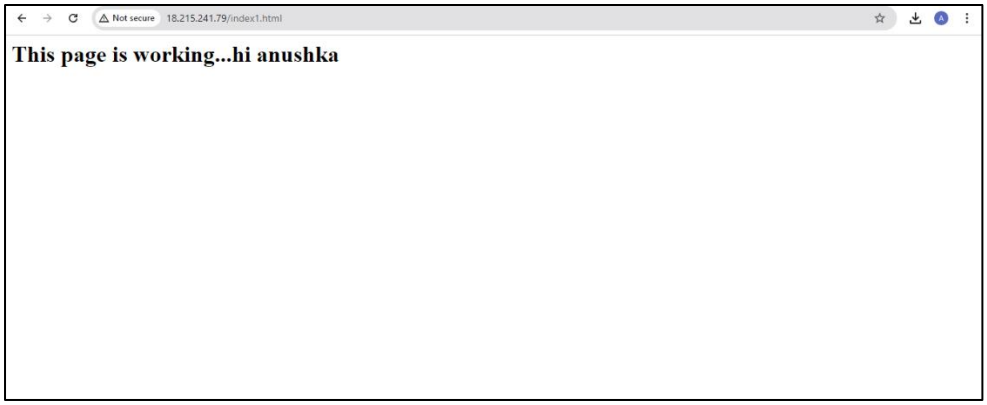
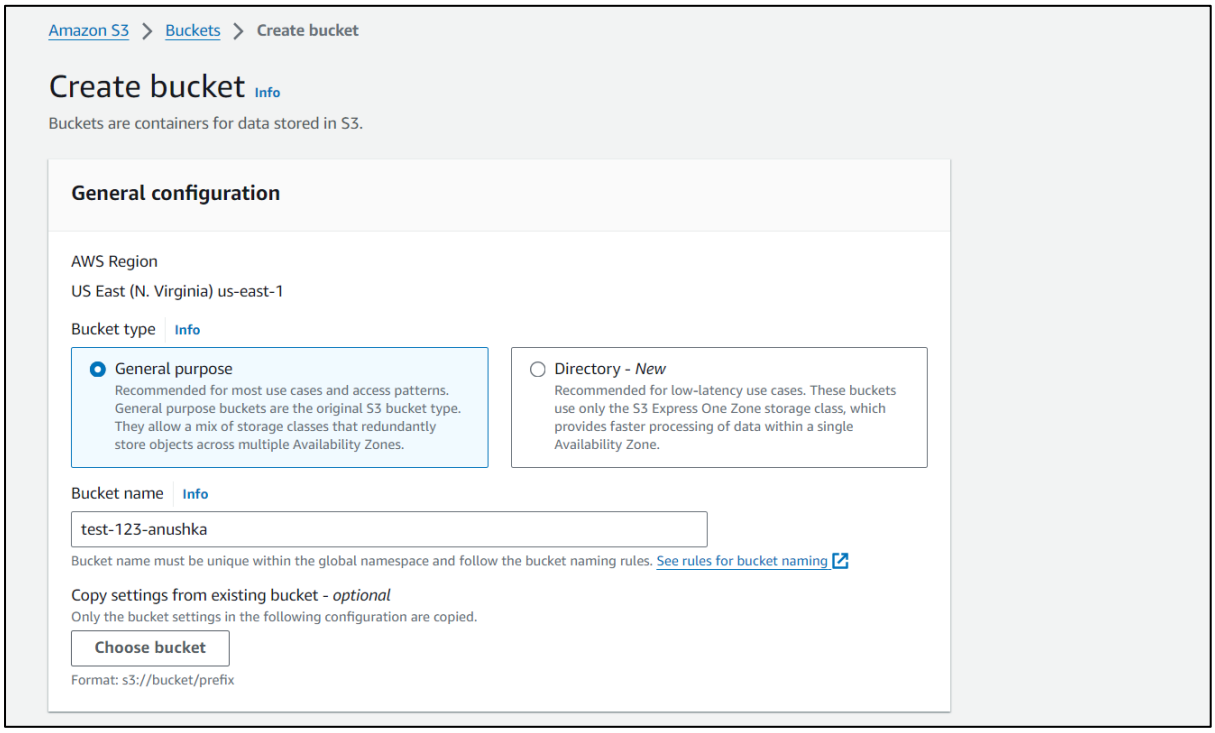


Hosting using S3 bucket :



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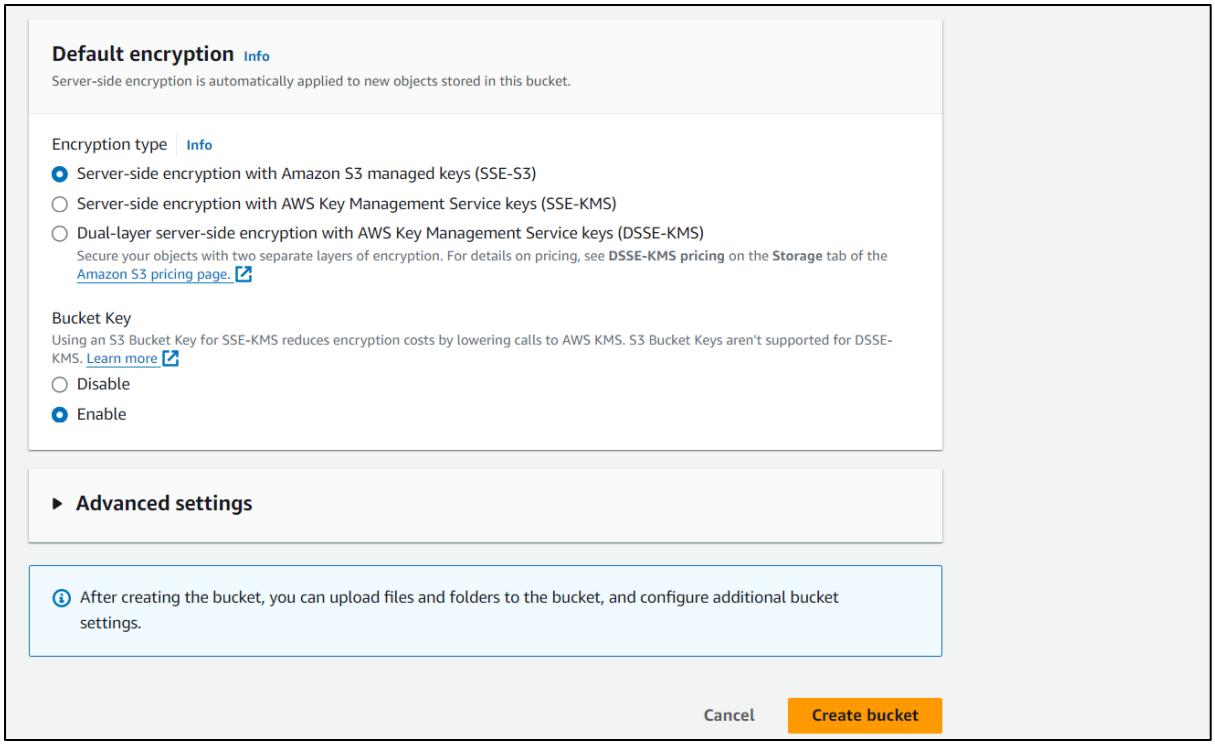

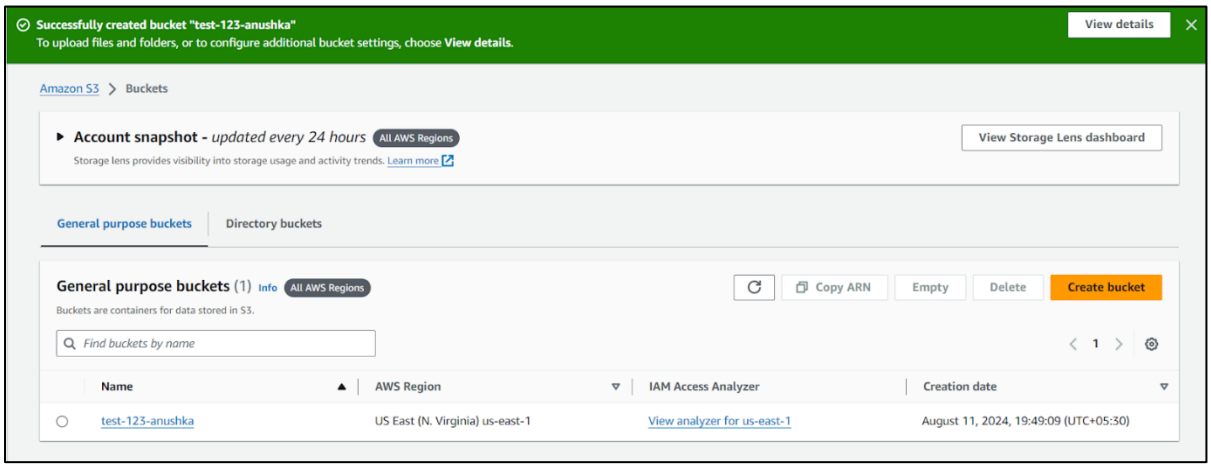

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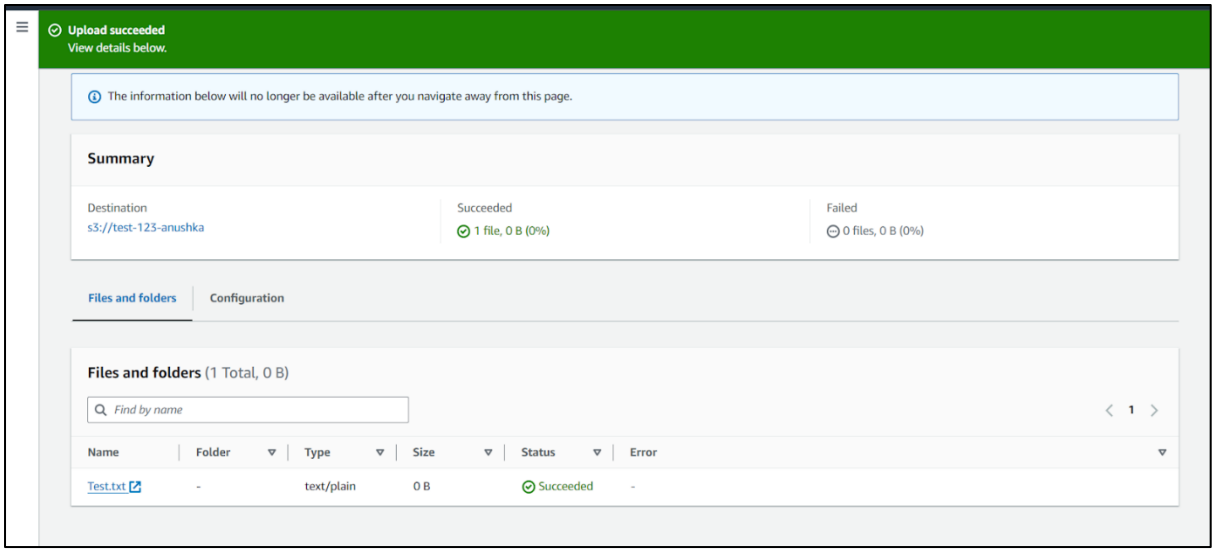

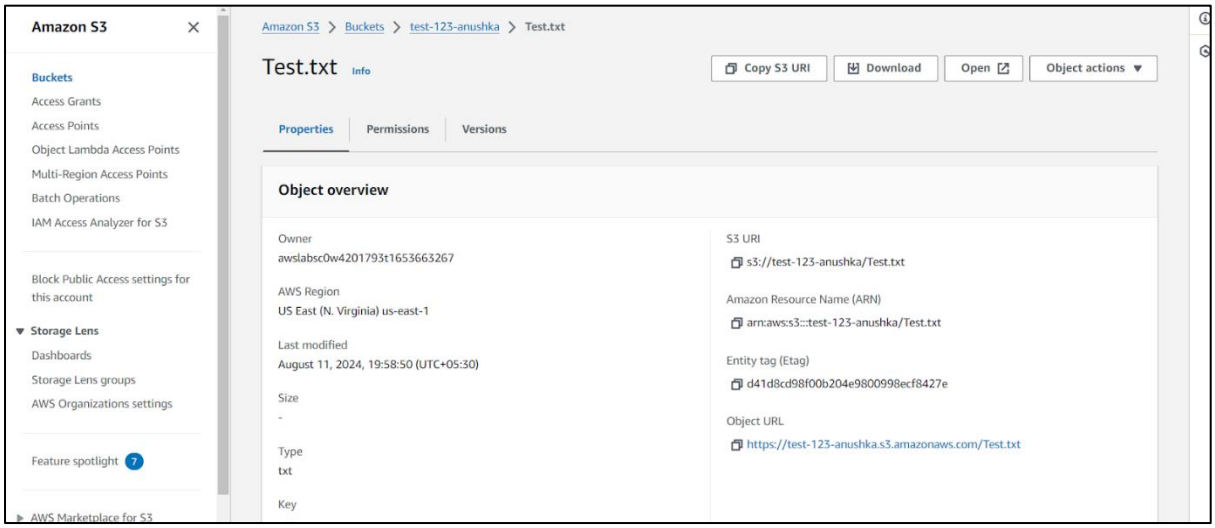

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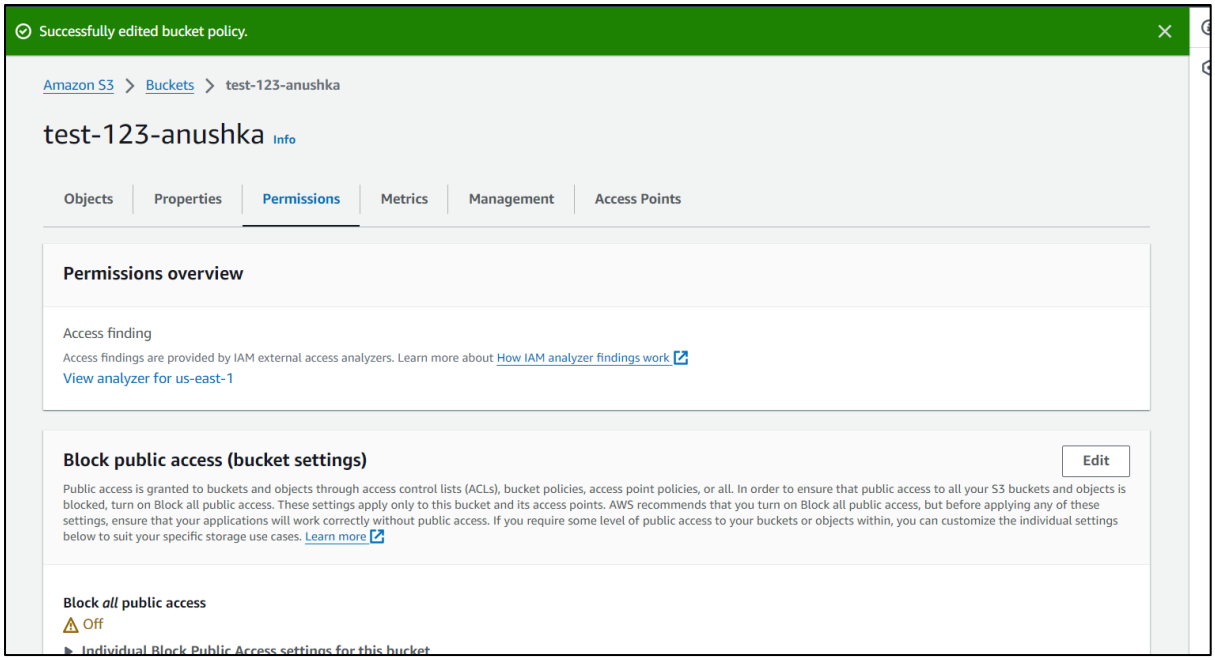

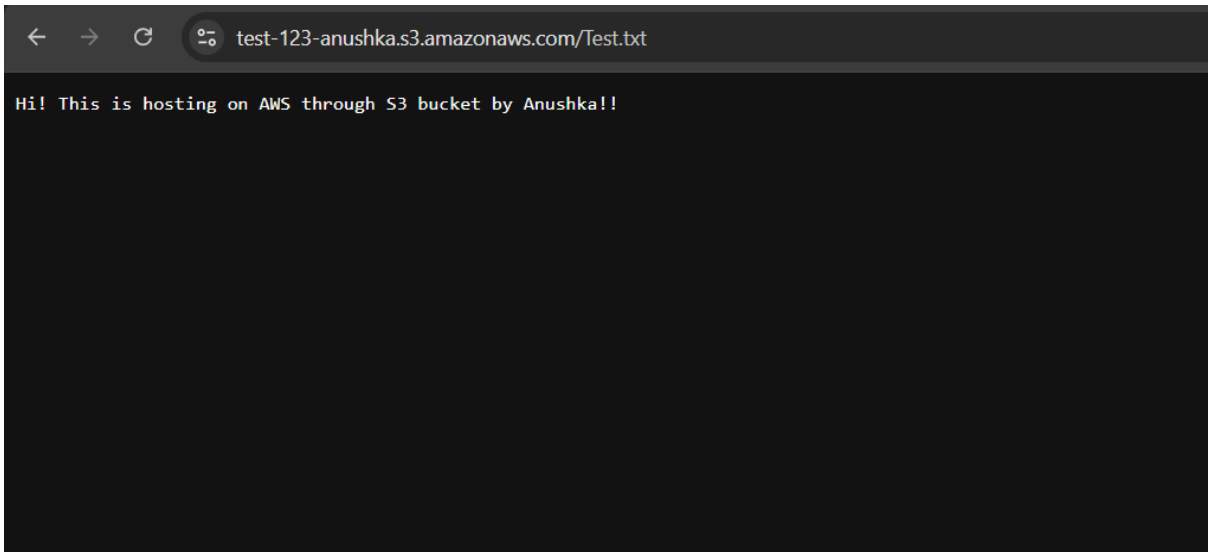

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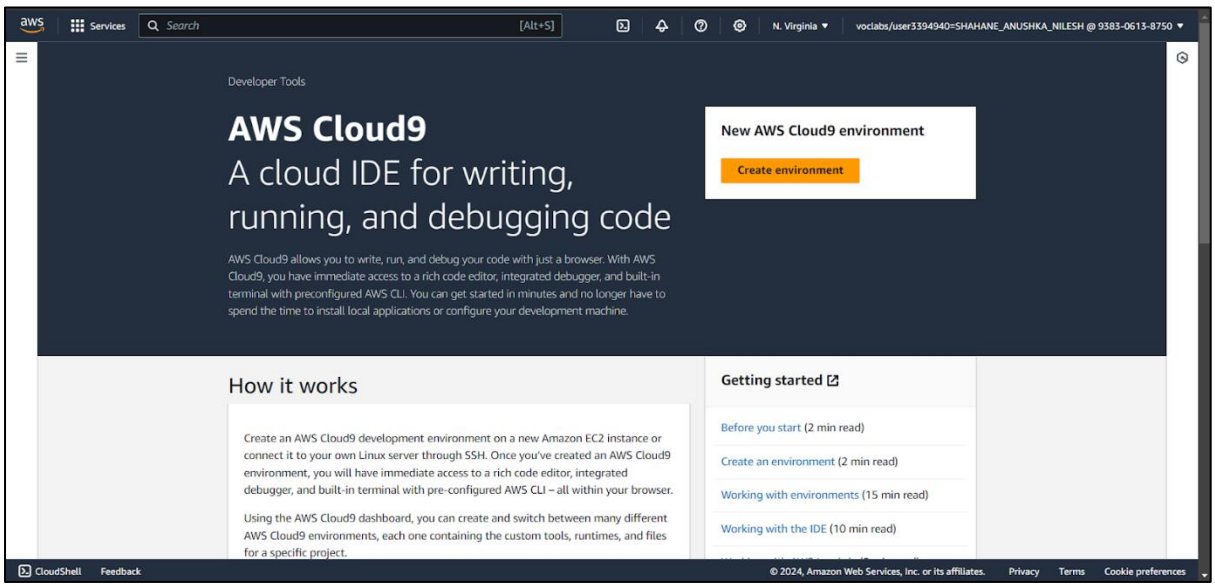
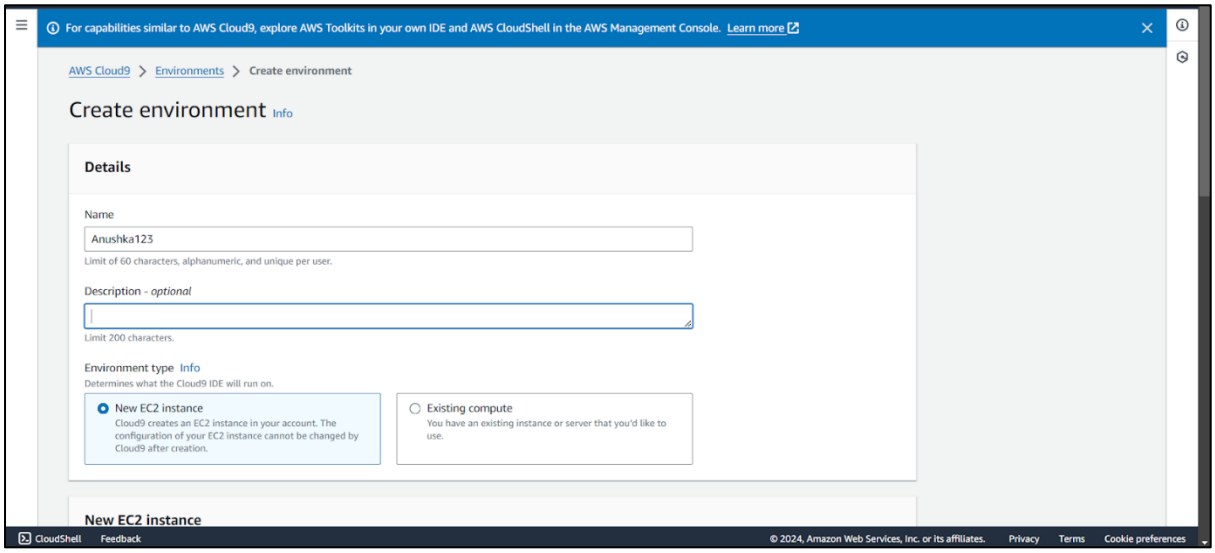
Hosting using Cloud 9 :





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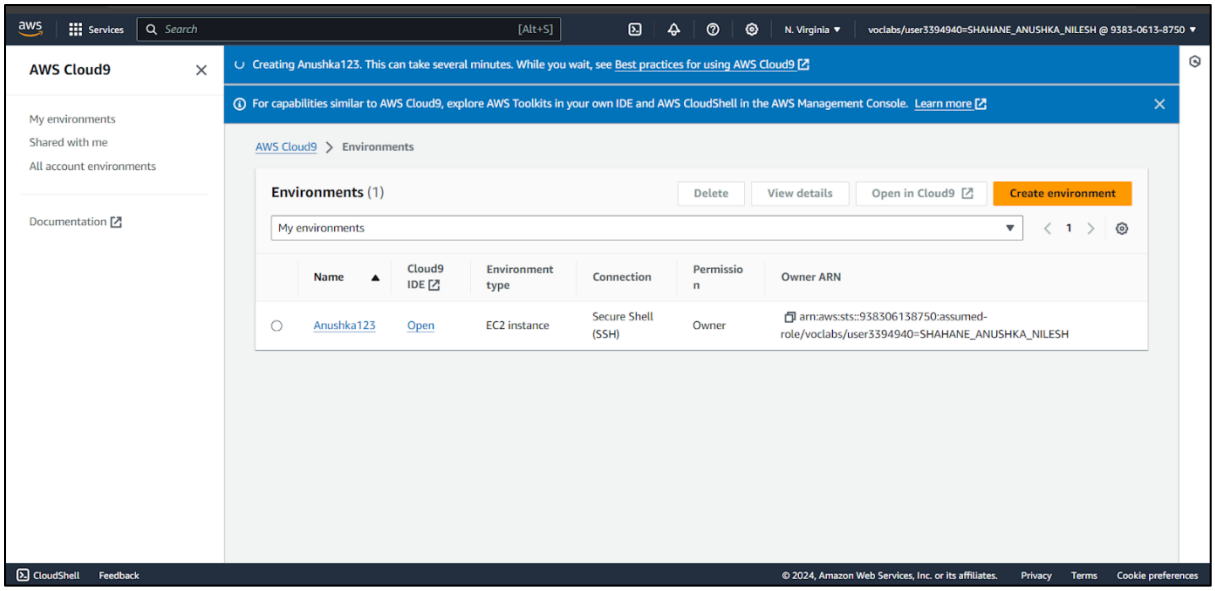

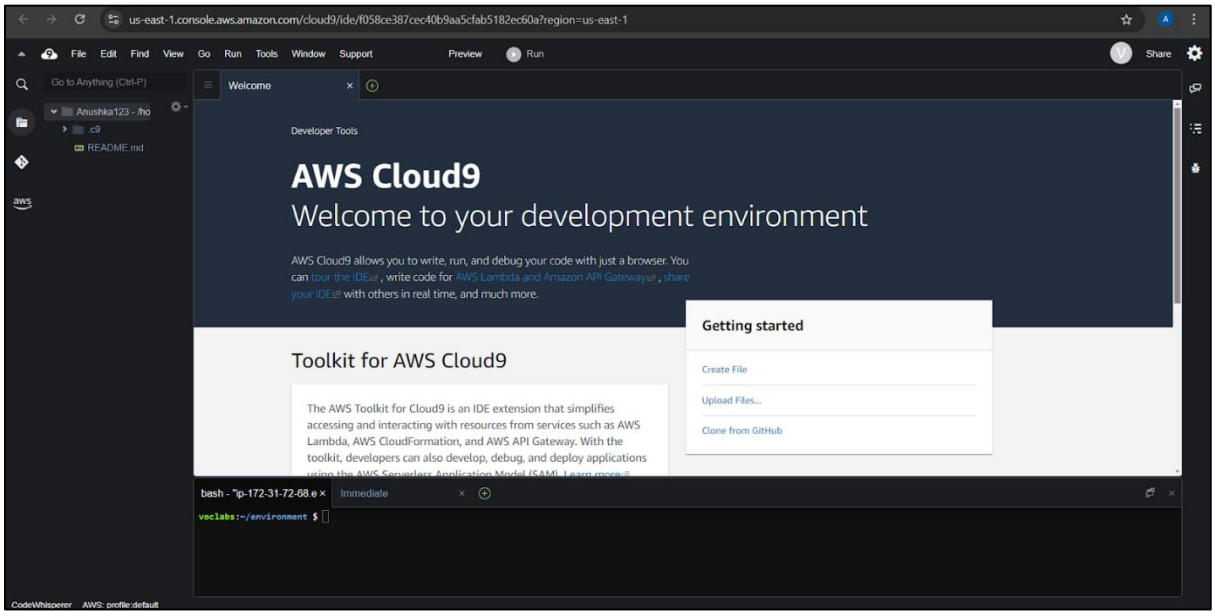

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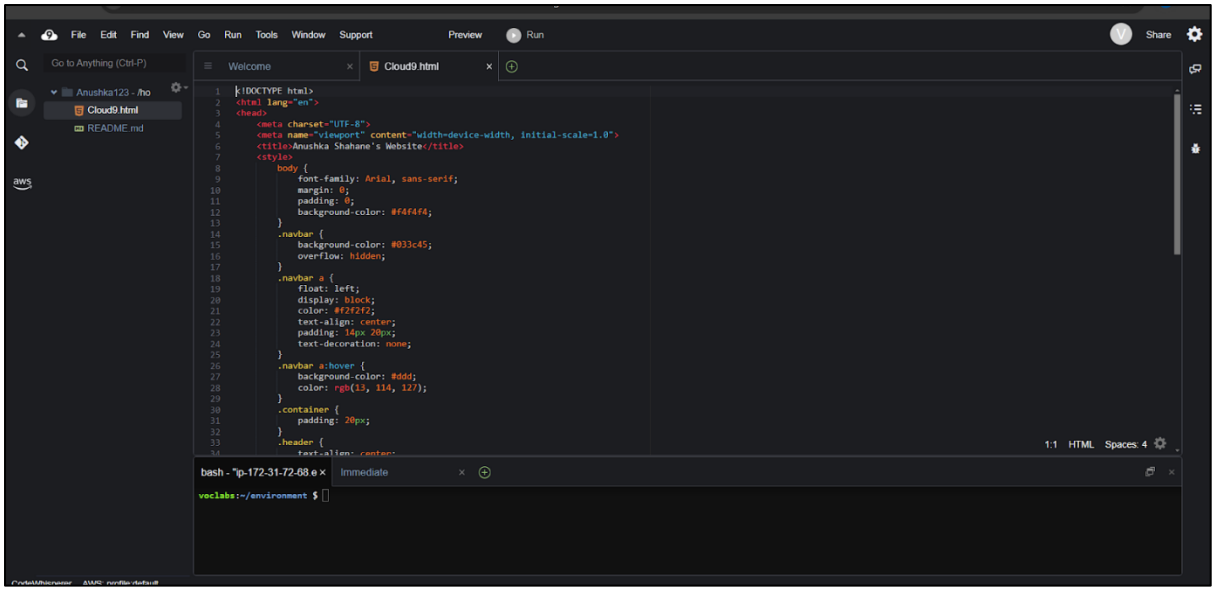

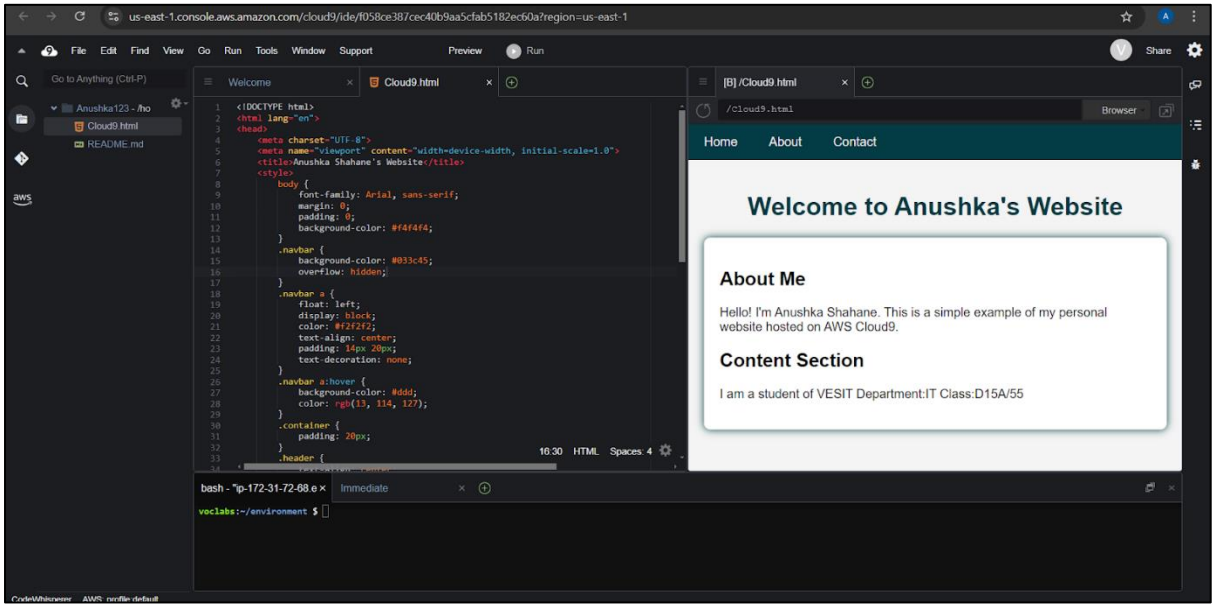

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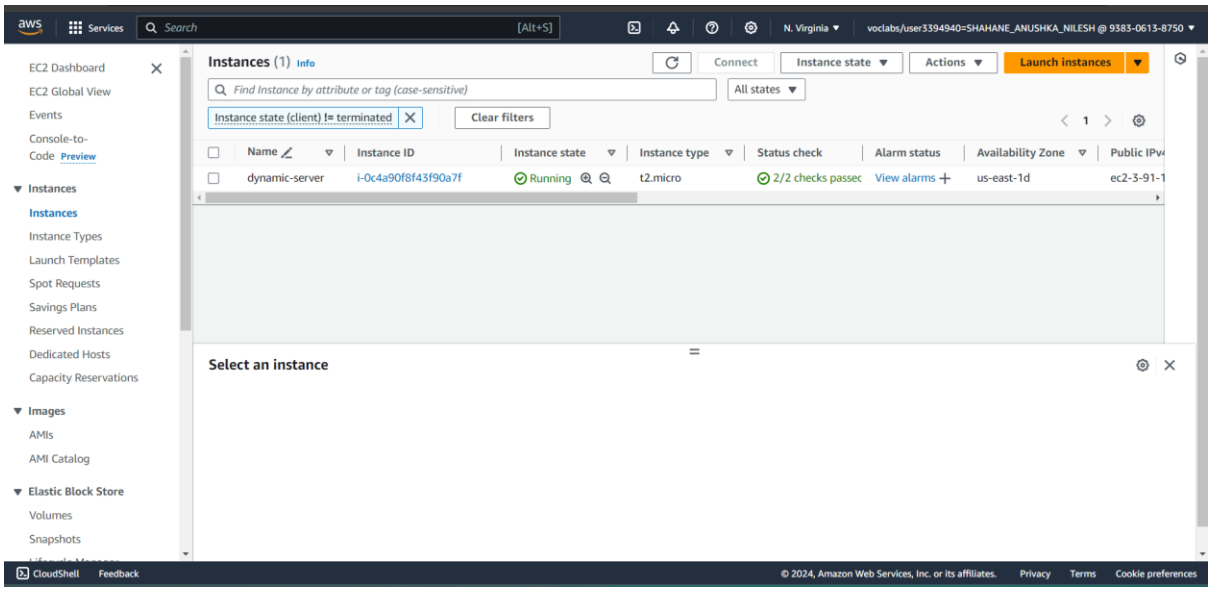
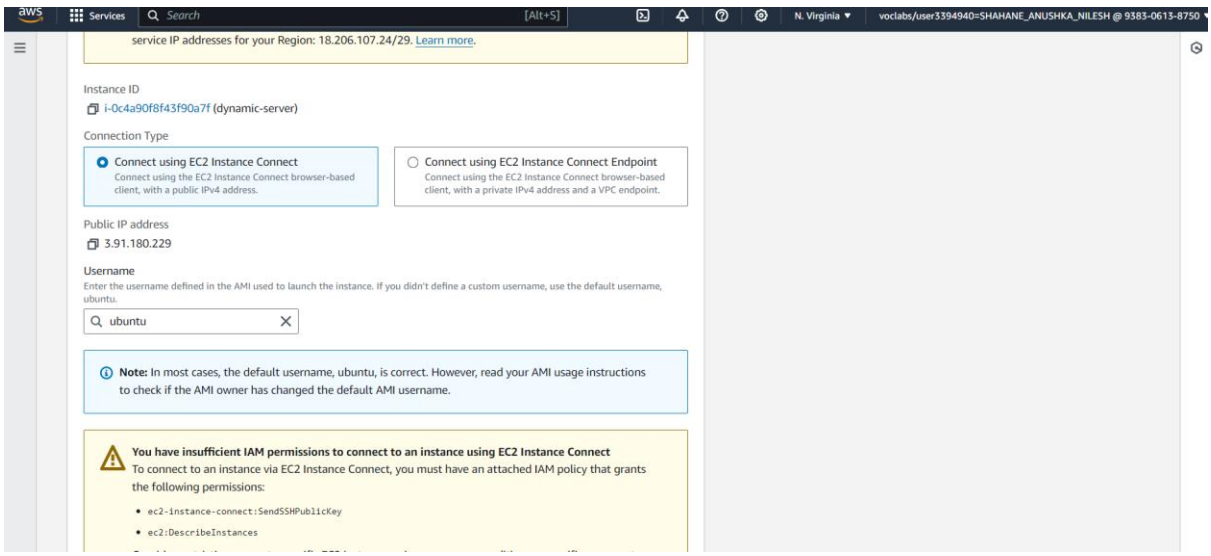
Dynamic Hosting using EC2 instance :

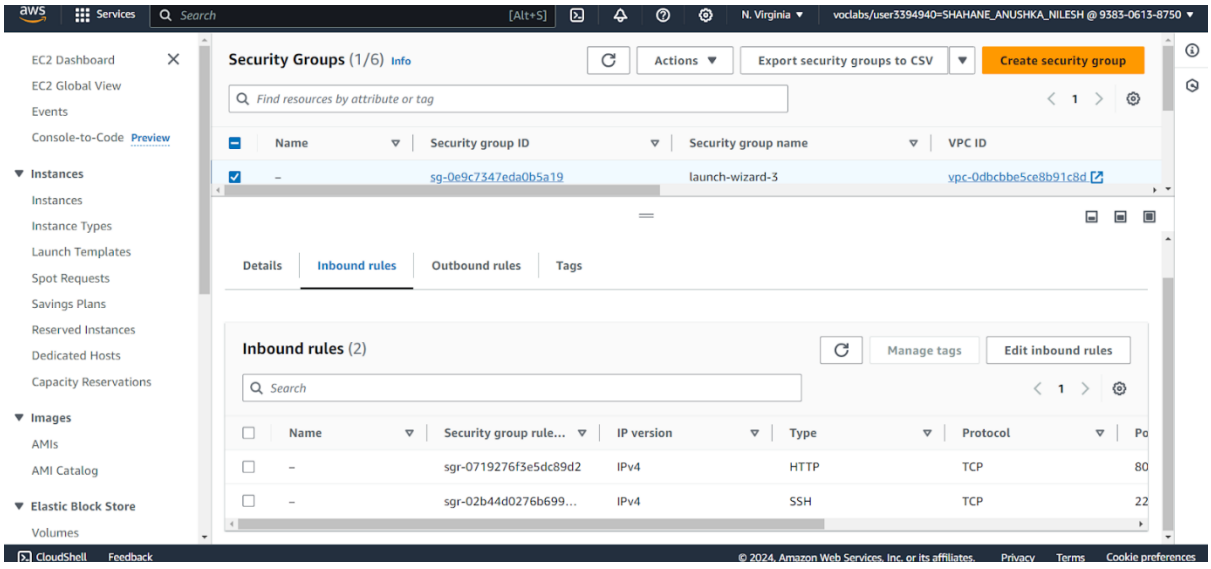





```
ubuntu@ip-172-31-83-228:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-83-228:~$ mkdir Anushka
ubuntu@ip-172-31-83-228:~$ cd Anushka
ubuntu@ip-172-31-83-228:~/Anushka$ git clone https://github.com/Anushka3204/Dynamic_hosting_EC2.git
Cloning into 'Dynamic_hosting_EC2'...
remote: Enumerating objects: 5, done.
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 Dynamic_hosting_EC2
ubuntu@ip-172-31-83-228:~/Anushka/Dynamic_hosting_EC2$ ls
index.js  package-lock.json  package.json
```

```
No VM guests are running outdated hypervisor (qemu) binaries on this host.
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 1s

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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