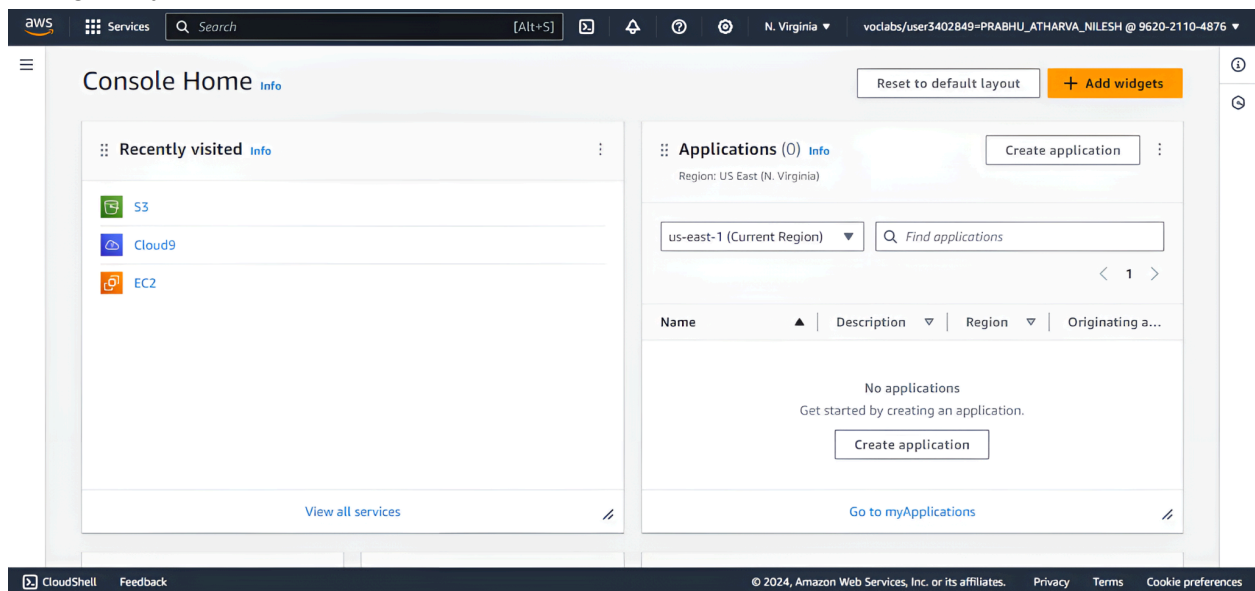


## EXPERIMENT NO. 1

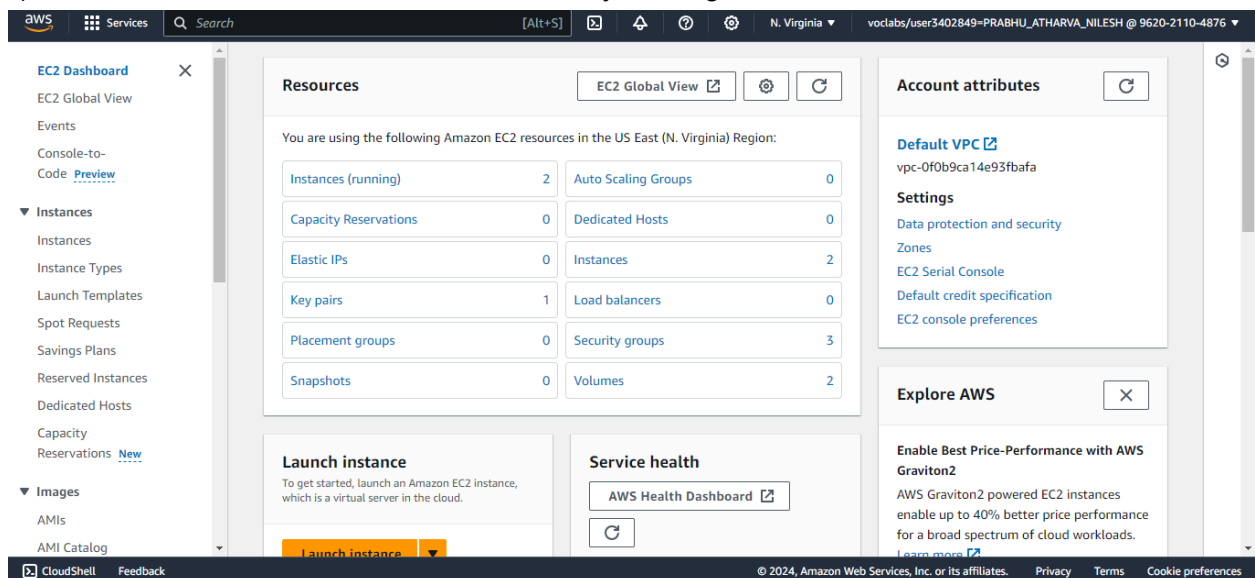
Aim : To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE,Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

### EC2 Instance Creation and static site hosting

1) Login to your AWS account:



2) Click on EC2 and then create an instance by clicking on instances



3) After an instance is created successfully .

Instances (1/1) [info](#)

Last updated  
less than a minute ago

Connect

Instance state ▾

Actions ▾

Launch instances

All states ▾

Instance state = running

Clear filters

< 1 >

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability
<input checked="" type="checkbox"/>	atharva	i-0401151b7a114184f	Running	t2.micro	2/2 checks passed	<a href="#">View alarms +</a>	us-east-1a

4) After that you will go to command prompt and perform the following commands:

```
11# stopped      www/index.html
root@ip-172-31-36-118:/var/www/html# sudo nano index.html
root@ip-172-31-36-118:/var/www/html# sudo start apache2
bash: start: command not found
root@ip-172-31-36-118:/var/www/html# sudo systemctl start apache2
root@ip-172-31-36-118:/var/www/html# sudo systemctl status apache2
* apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
   Active: active (running) since Sun 2024-09-18 09:03:13 UTC; 2min ago
   Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 1261 (apache2)
   Tasks: 25 (limit: 2182)
   Memory: 5.3M (peak: 5.3M)
   CGroup: /system.slice/apache2.service
           └─1261 /usr/sbin/apache2 -k start
             └─1262 /usr/sbin/apache2 -k start
             └─1263 /usr/sbin/apache2 -k start
log 18 09:03:13 ip-172-31-36-118 systemd[1]: Starting apache2.service - The Apache HTTP Server...
log 18 09:03:13 ip-172-31-36-118 systemd[1]: Started apache2.service - The Apache HTTP Server.
root@ip-172-31-36-118:/var/www/html#
```

```
See "man sudo_root" for details.
ubuntu@ip-172-31-36-118:~$ /home/ubuntu$ apt install apache2
E: Unable to locate package apache2
ubuntu@ip-172-31-36-118:~$ cd
Command 'cd' not found, but there are 20 similar ones.
ubuntu@ip-172-31-36-118:~$ sudo su
root@ip-172-31-36-118:/home/ubuntu# apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
#
```

