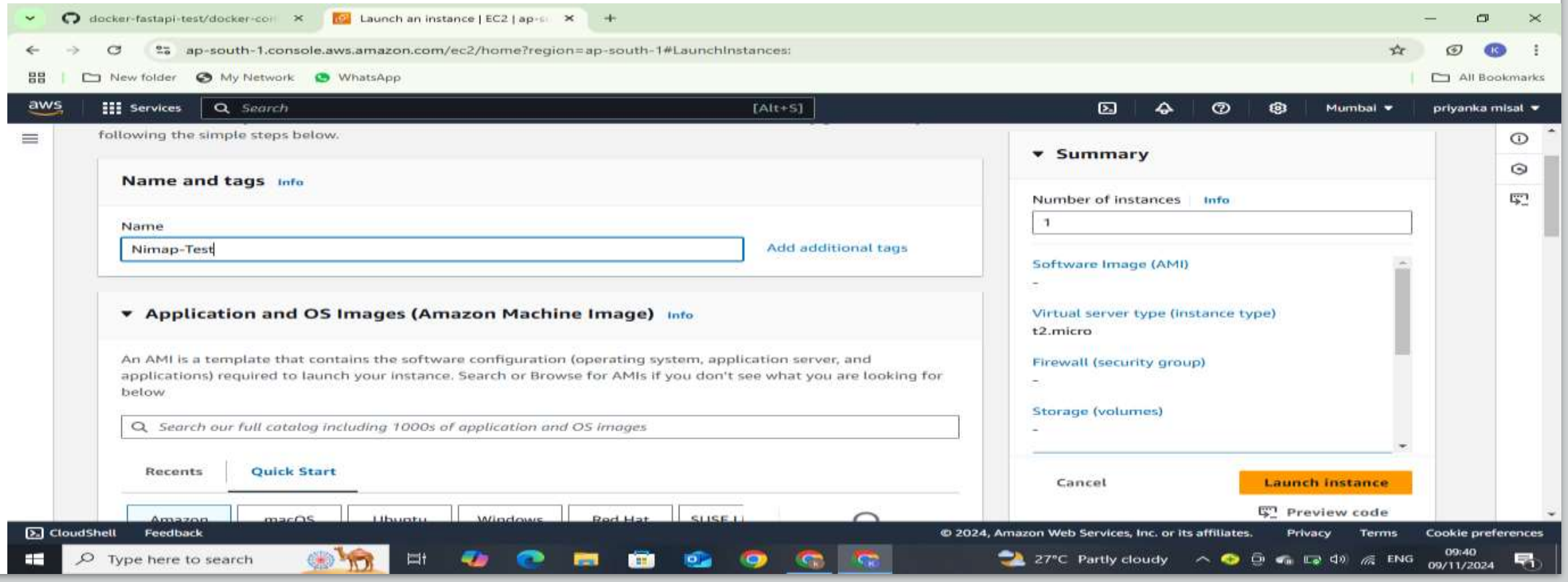
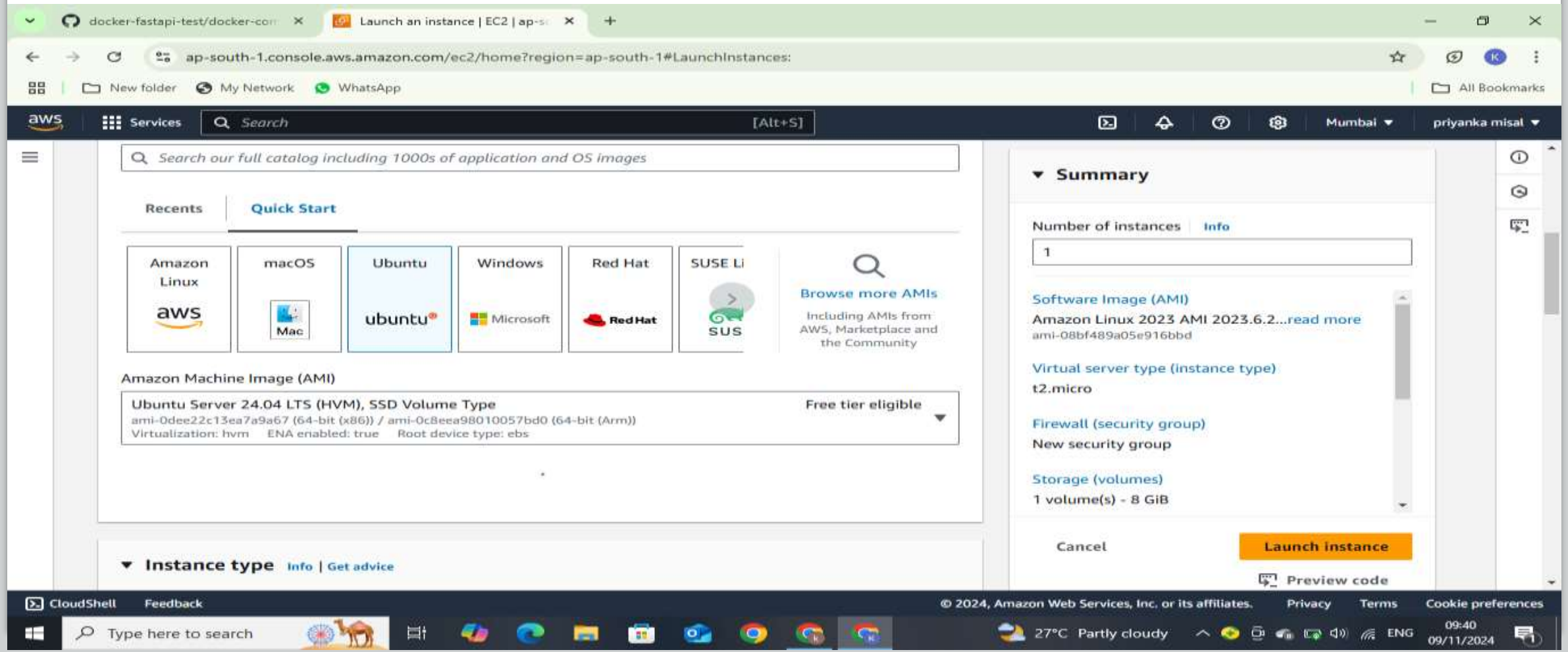
WELCOME
NIMAP INFOTECH

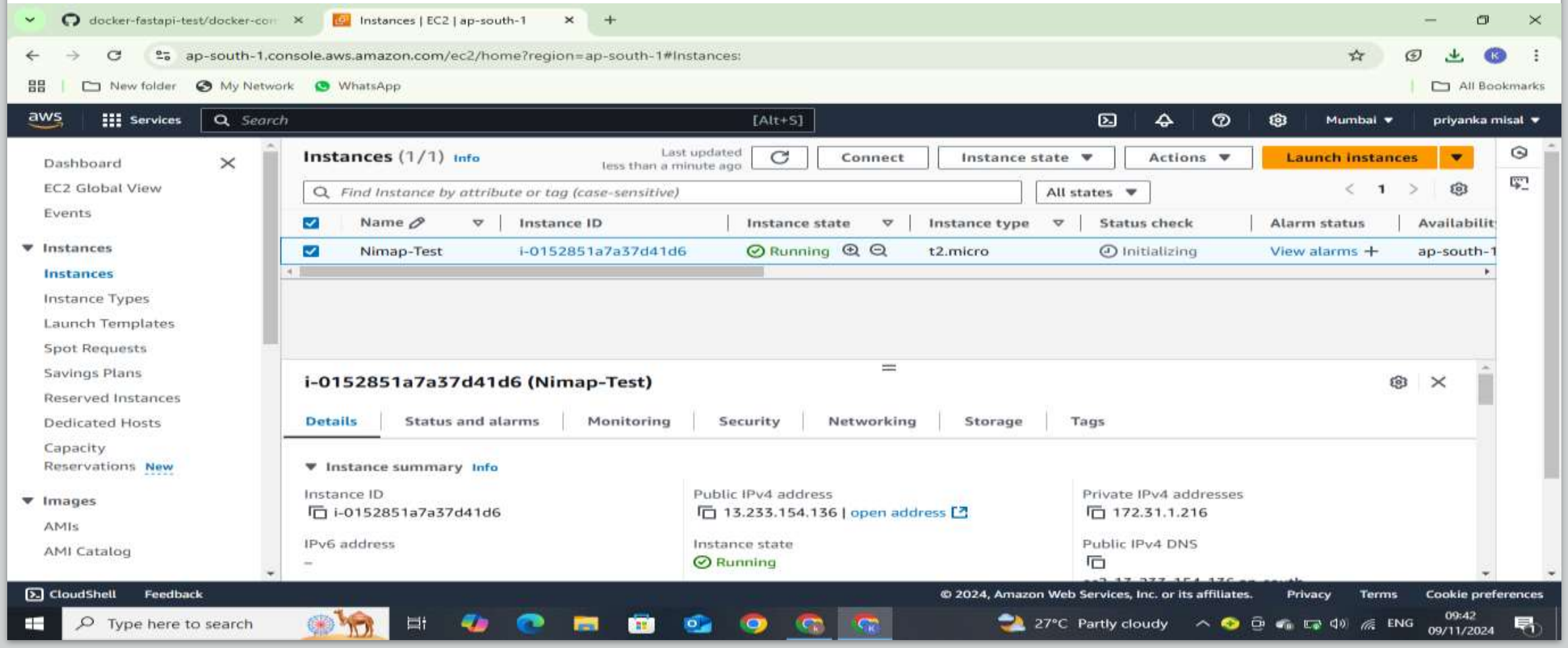
1) Create EC2 instance and give the Nimap-test



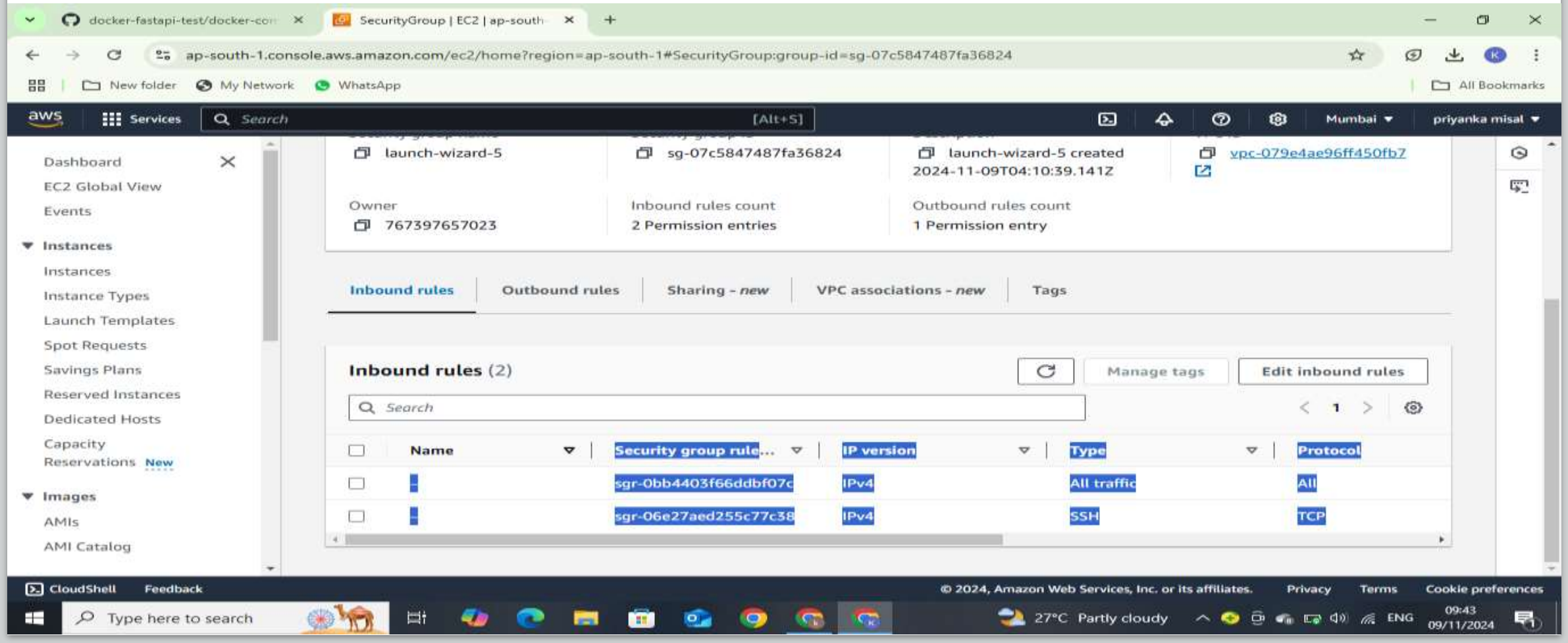
2) Select os Ubuntu



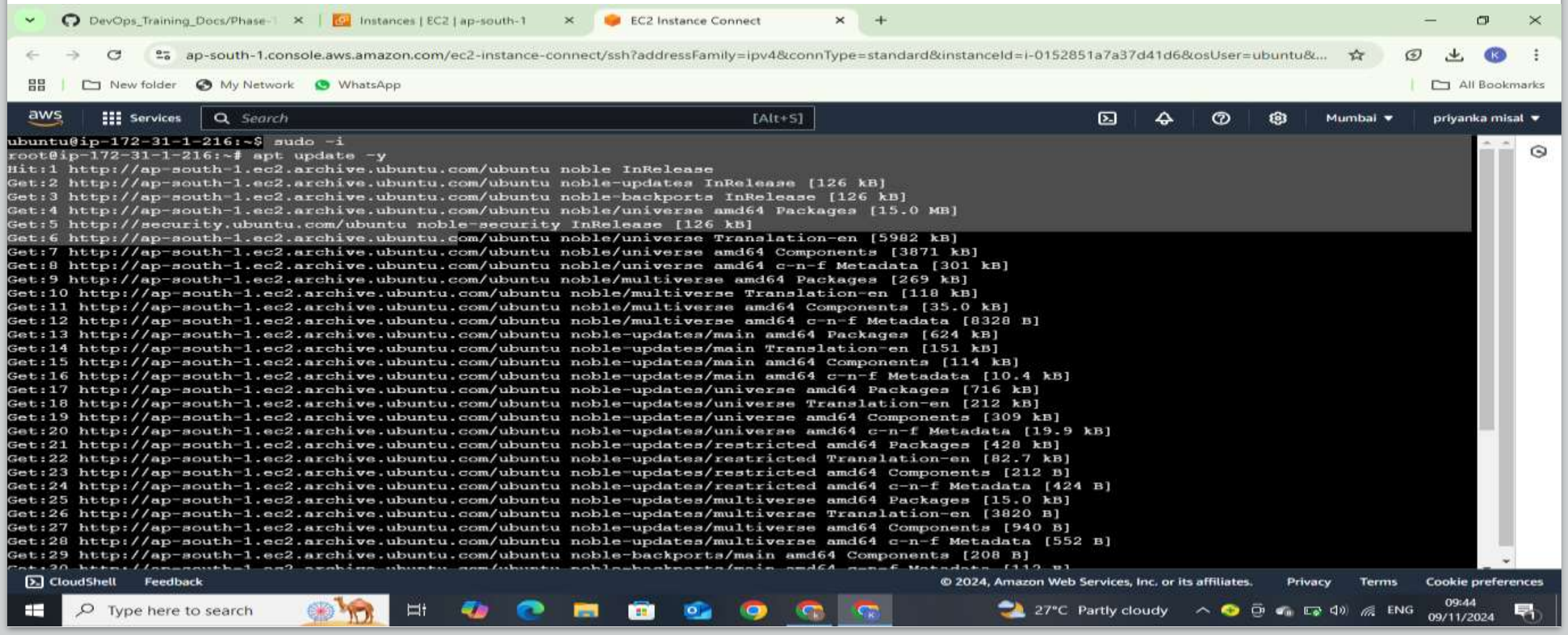
Completed all procedure then start an instance and ruuning



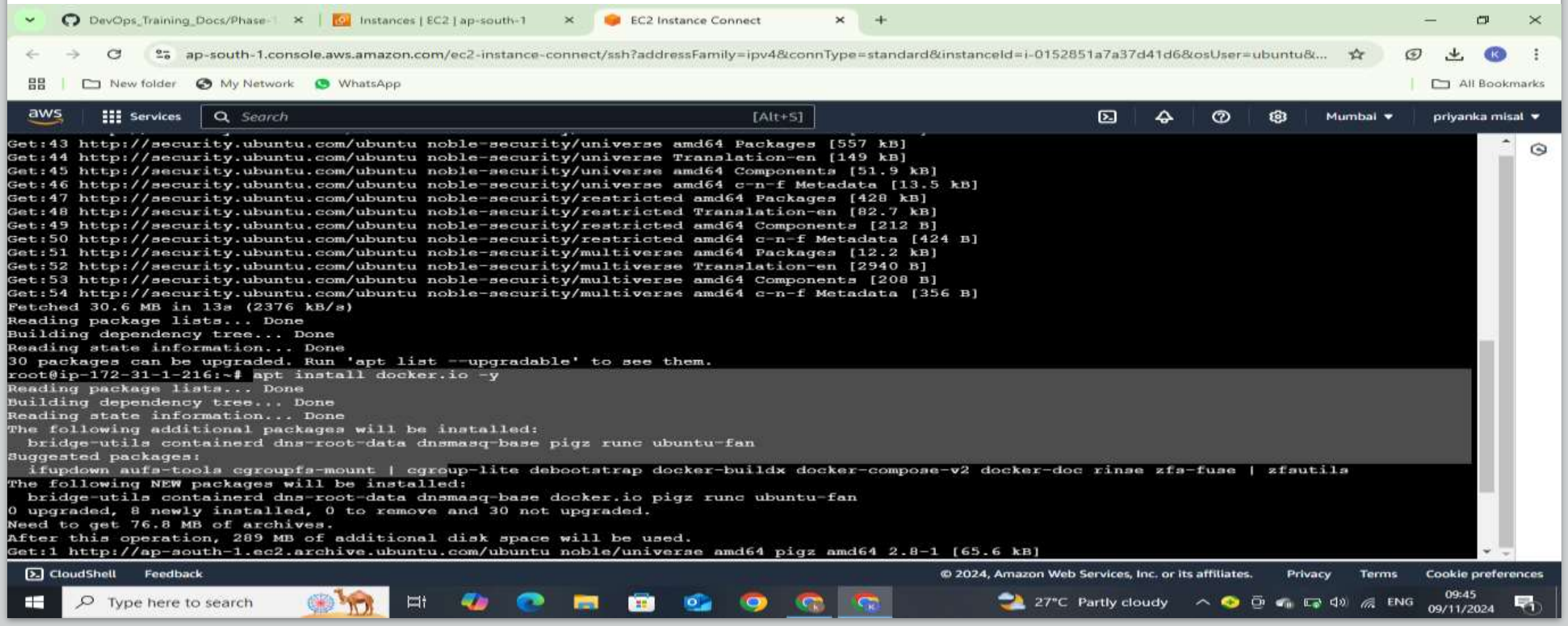
3) Provide security group



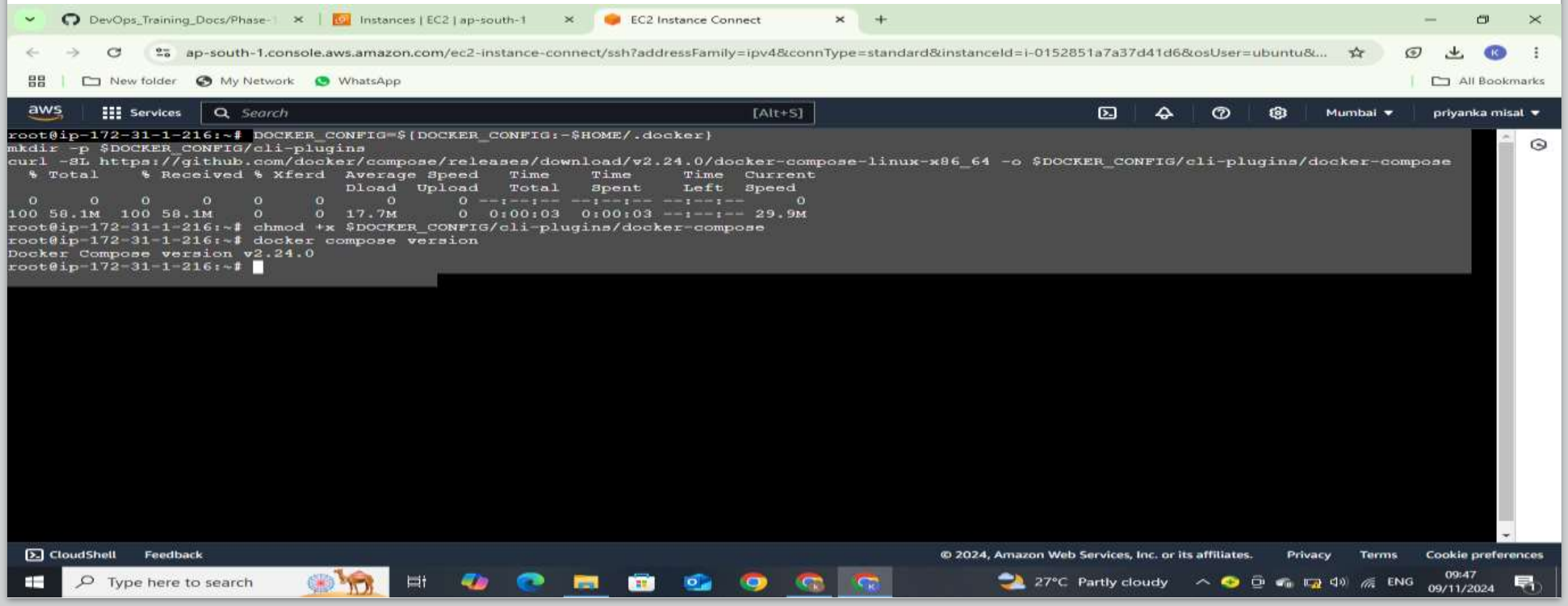
Updated package



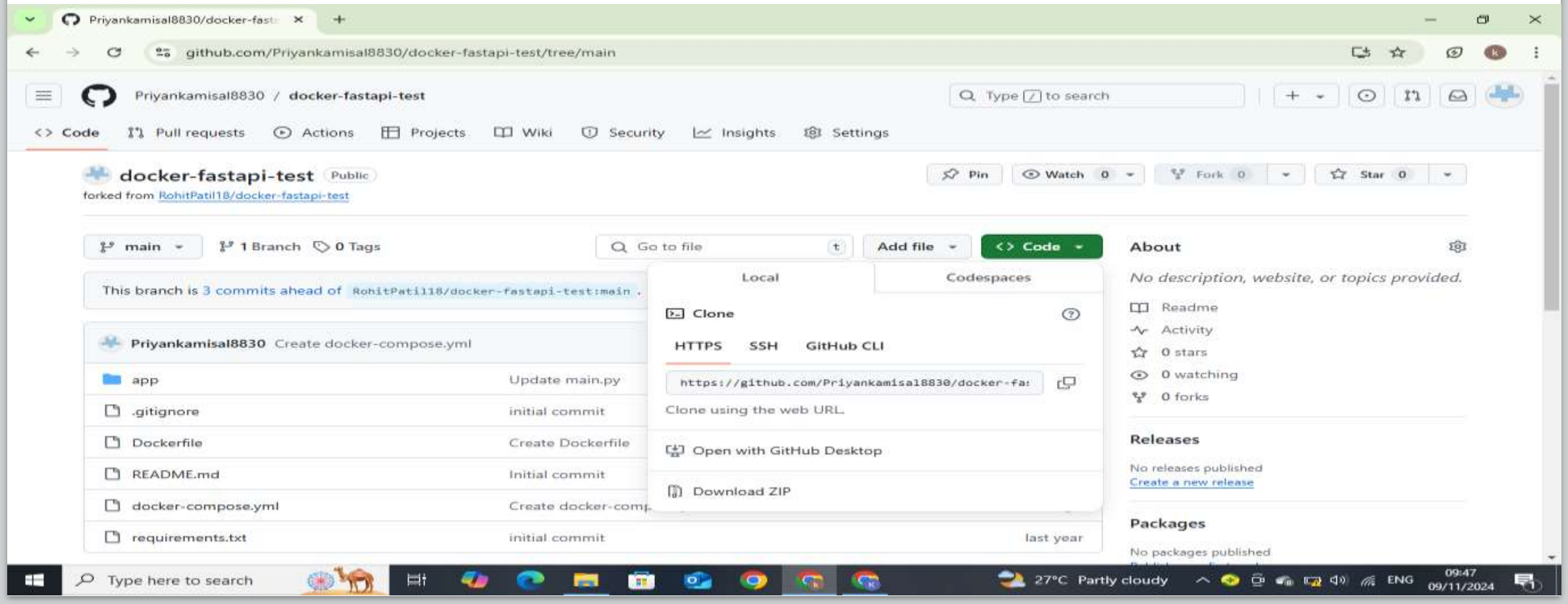
Install docker using command "apt install docker.io -y

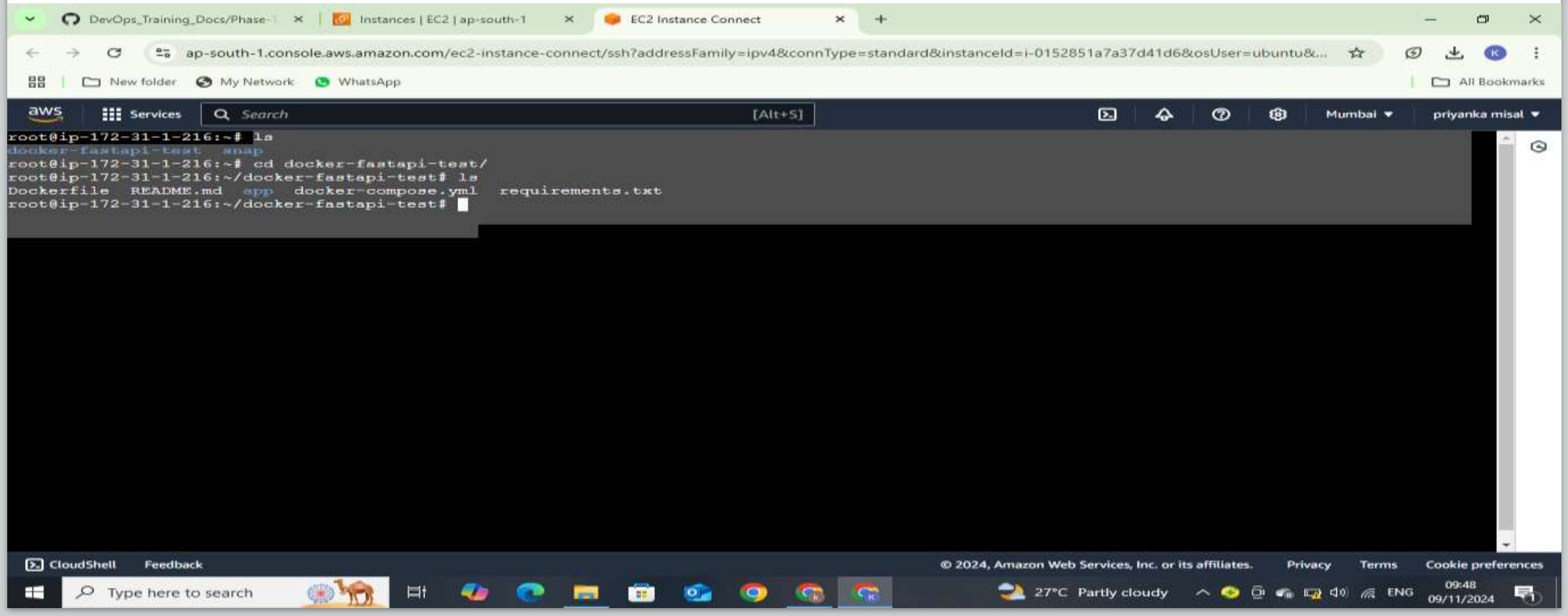


after installation docker
install docker compose



write a dockerfile and docker compose.yml file and copied link




DevOps_Training_Docs/Phase-
Instances | EC2 | ap-south-1
EC2 Instance Connect
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?addressFamily=ipv4&connType=standard&instanceId=i-0152851a7a37d41d6&osUser=ubuntu&...
New folder
My Network
WhatsApp
All Bookmarks
aws
Services
Search
[Alt+S]
Mumbai
priyanka misal
root@ip-172-31-1-216:~# ls
docker-fastapi-test snap
root@ip-172-31-1-216:~# cd docker-fastapi-test/
root@ip-172-31-1-216:~/docker-fastapi-test# ls
Dockerfile README.md app docker-compose.yml requirements.txt
root@ip-172-31-1-216:~/docker-fastapi-test#
CloudShell
Feedback
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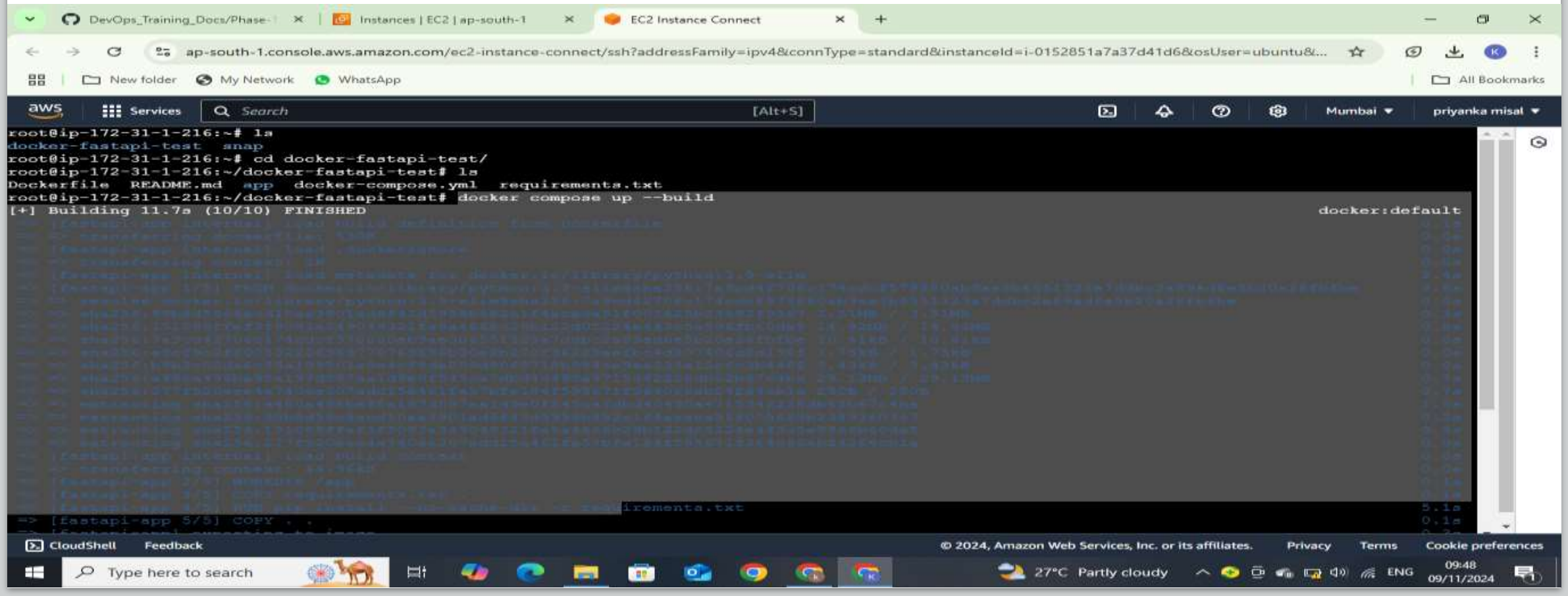
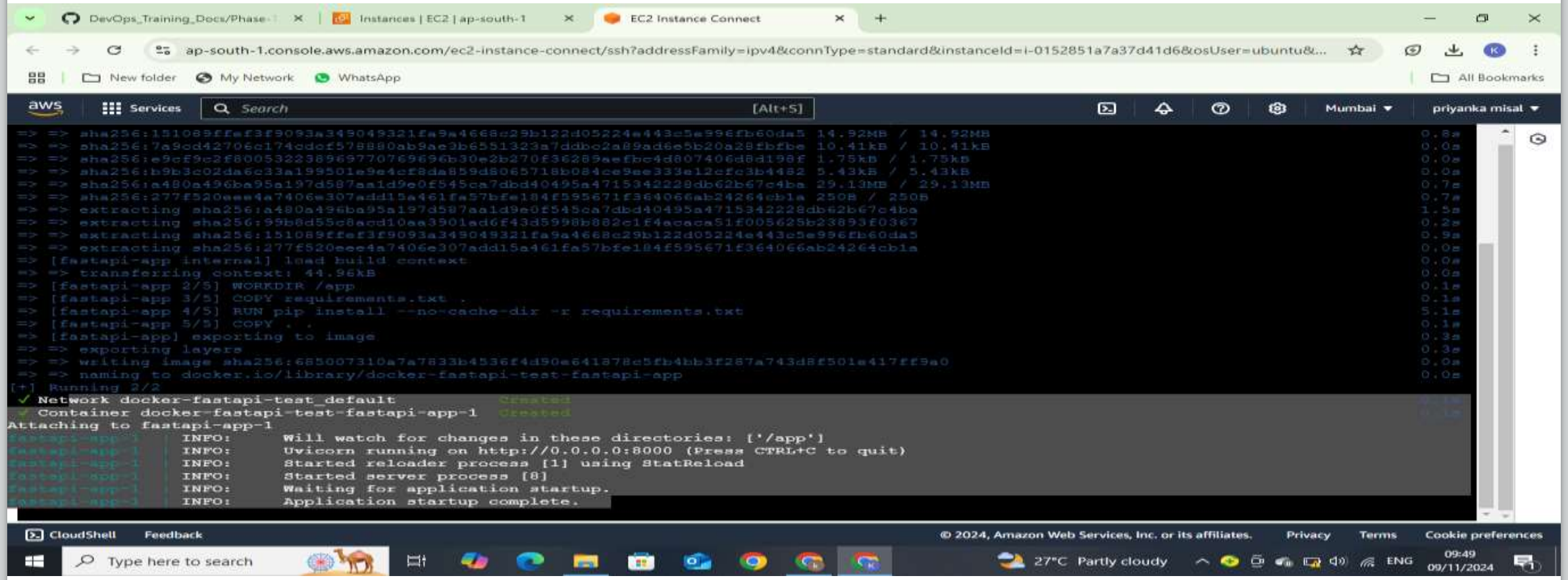
Privacy
Terms
Cookie preferences
Type here to search
27°C Partly cloudy
ENG
09:48
09/11/2024

went to folder and run the command
'docker compose up --build




DevOps_Training_Docs/Phase-1
Instances | EC2 | ap-south-1
EC2 Instance Connect
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?addressFamily=ipv4&connType=standard&instanceId=i-0152851a7a37d41d6&osUser=ubuntu&...
New folder
My Network
WhatsApp
All Bookmarks
aws
Services
Search
[Alt+S]
Mumbai
priyanka misal
=> => sha256:151089ffef3f9093a349049321fa9a4668c29b122d05224e443c5e996fb60da5 14.92MB / 14.92MB 0.8s
=> => sha256:7a9cd42706c174cdcf578880ab9ae3b6551323a7ddbc2a89ad6e5b20a28fbfbe 10.41kB / 10.41kB 0.0s
=> => sha256:e9cf9c2f800532238969770769696b30e2b270f36289aefbc4d807406d8d198f 1.75kB / 1.75kB 0.0s
=> => sha256:b9b3c02da6c33a199501e9e4cf8da859d8065718b084ce9ee333e12cfc3b4482 5.43kB / 5.43kB 0.0s
=> => sha256:a480a496ba95a197d587aa1d9e0f545ca7dbd40495a4715342228db62b67c4ba 29.13MB / 29.13MB 0.7s
=> => sha256:277f520eee4a7406e307add15a461fa57bfe184f595671f364066ab24264cb1a 250B / 250B 0.7s
=> => extracting sha256:a480a496ba95a197d587aa1d9e0f545ca7dbd40495a4715342228db62b67c4ba 1.5s
=> => extracting sha256:99b8d55c8acd10aa3901ad6f43d5998b882c1f4acaca51f005625b23893f0367 0.2s
=> => extracting sha256:151089ffef3f9093a349049321fa9a4668c29b122d05224e443c5e996fb60da5 0.9s
=> => extracting sha256:277f520eee4a7406e307add15a461fa57bfe184f595671f364066ab24264cb1a 0.0s
=> [fastapi-app internal] load build context 0.0s
=> => transferring context: 44.96kB 0.0s
=> [fastapi-app 2/5] WORKDIR /app 0.1s
=> [fastapi-app 3/5] COPY requirements.txt . 0.1s
=> [fastapi-app 4/5] RUN pip install --no-cache-dir -r requirements.txt 5.1s
=> [fastapi-app 5/5] COPY . . 0.1s
=> [fastapi-app] exporting to image 0.3s
=> => exporting layers 0.3s
=> => writing image sha256:685007310a7a7833b4536f4d90e641878c5fb4bb3f287a743d8f501e417ff9a0 0.0s
=> => naming to docker.io/library/docker-fastapi-test-fastapi-app 0.0s
[+] Running 2/2
✓ Network docker-fastapi-test_default Created 0.1s
✓ Container docker-fastapi-test-fastapi-app-1 Created 0.1s
Attaching to fastapi-app-1
fastapi-app-1 | INFO: Will watch for changes in these directories: ['/app']
fastapi-app-1 | INFO: Uvicorn running on http://0.0.0.0:8000 (Press CTRL+C to quit)
fastapi-app-1 | INFO: Started reloader process [1] using StatReload
fastapi-app-1 | INFO: Started server process [8]
fastapi-app-1 | INFO: Waiting for application startup.
fastapi-app-1 | INFO: Application startup complete.
CloudShell
Feedback
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Cookie preferences
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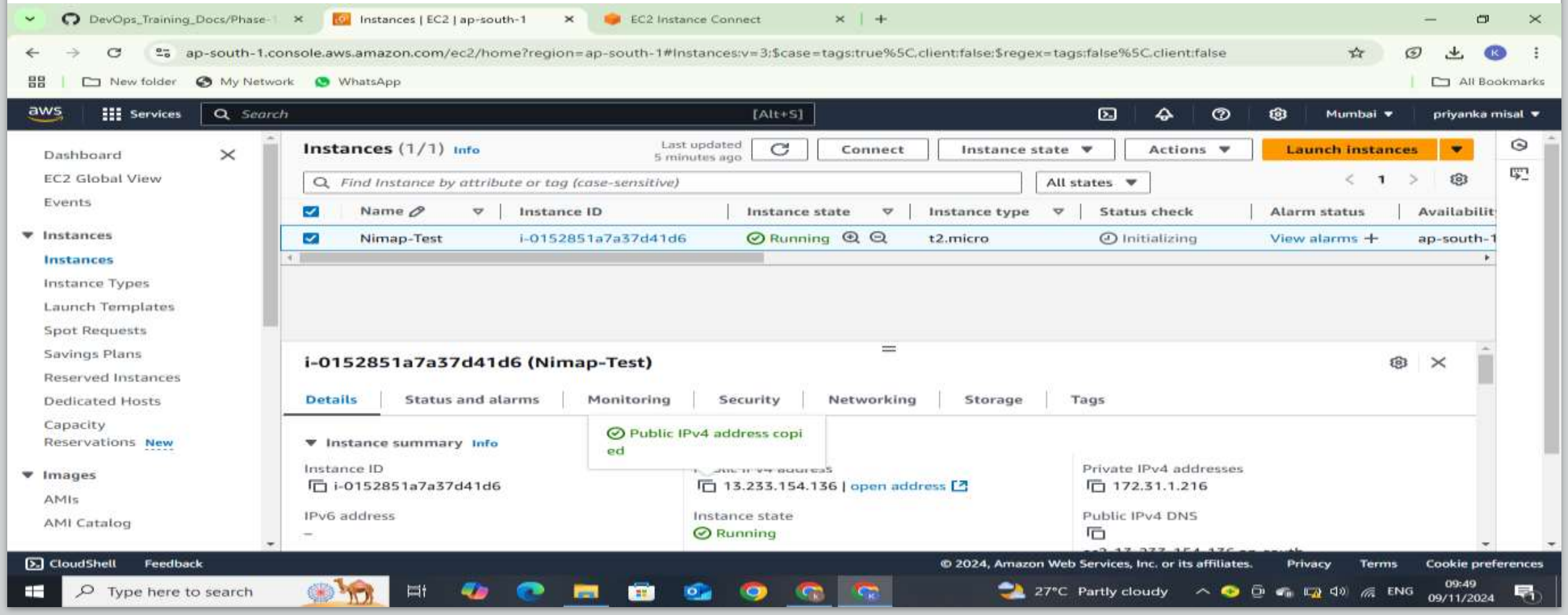
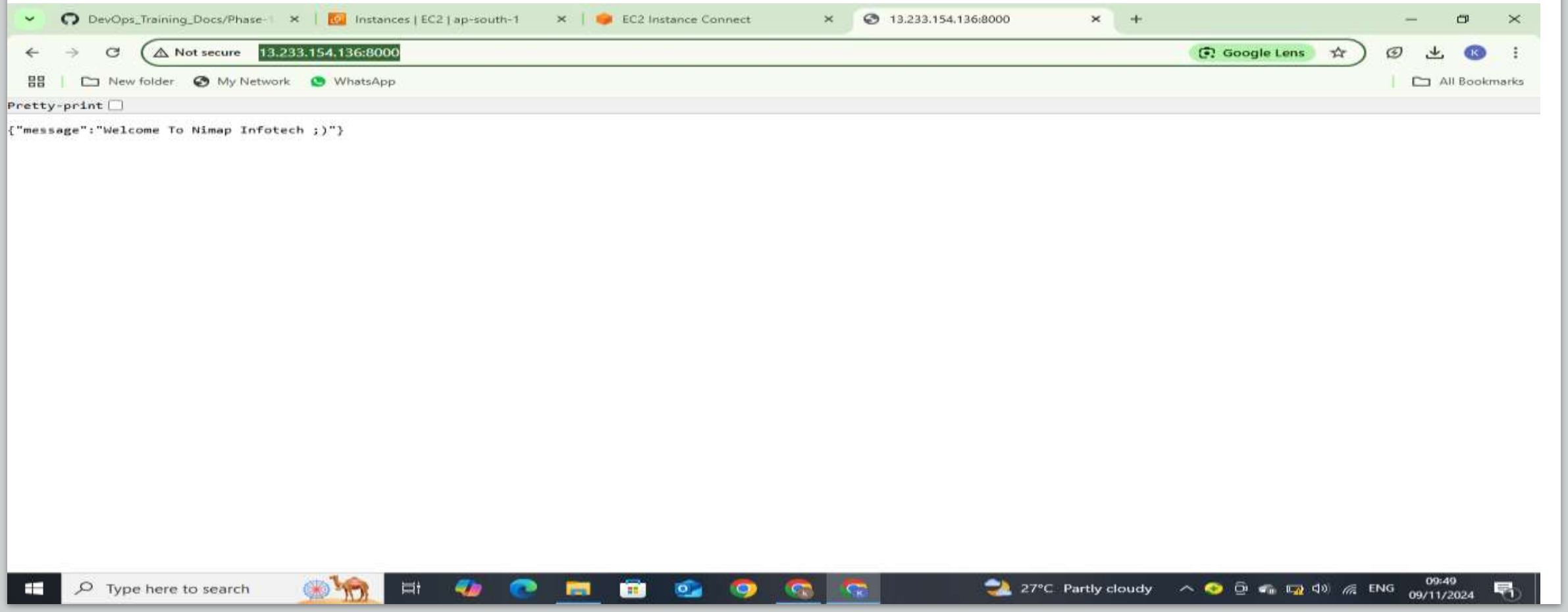
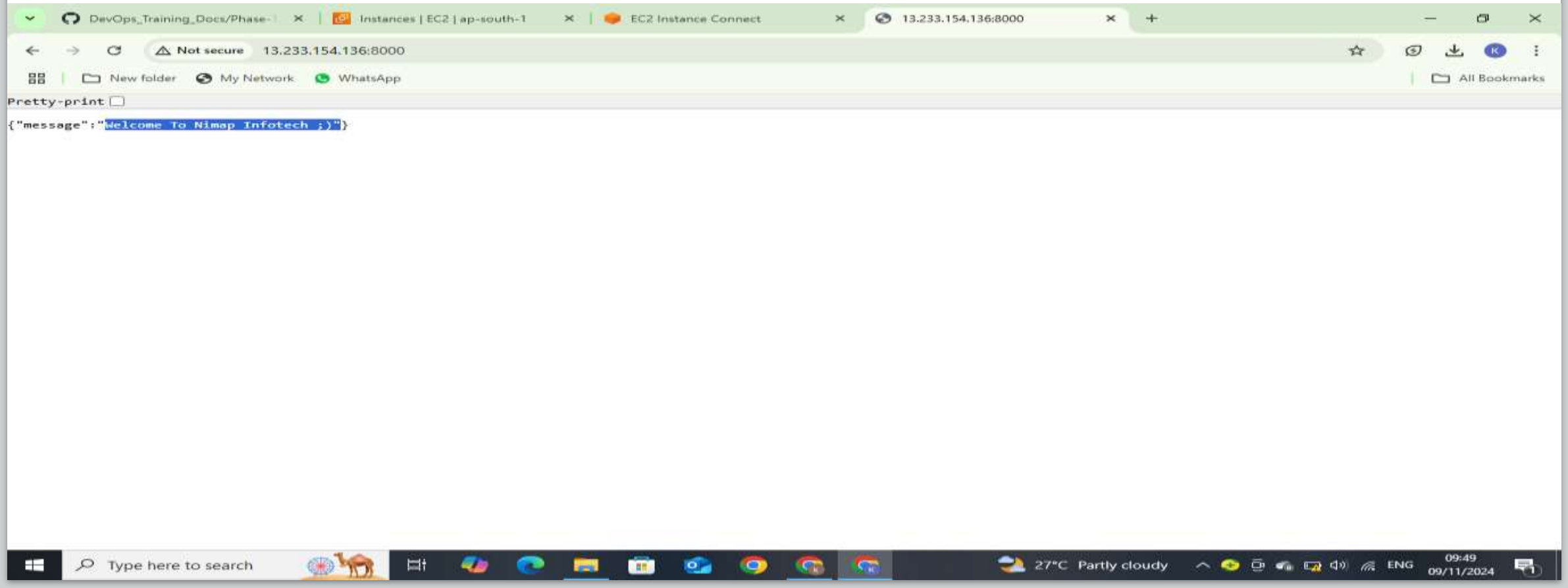
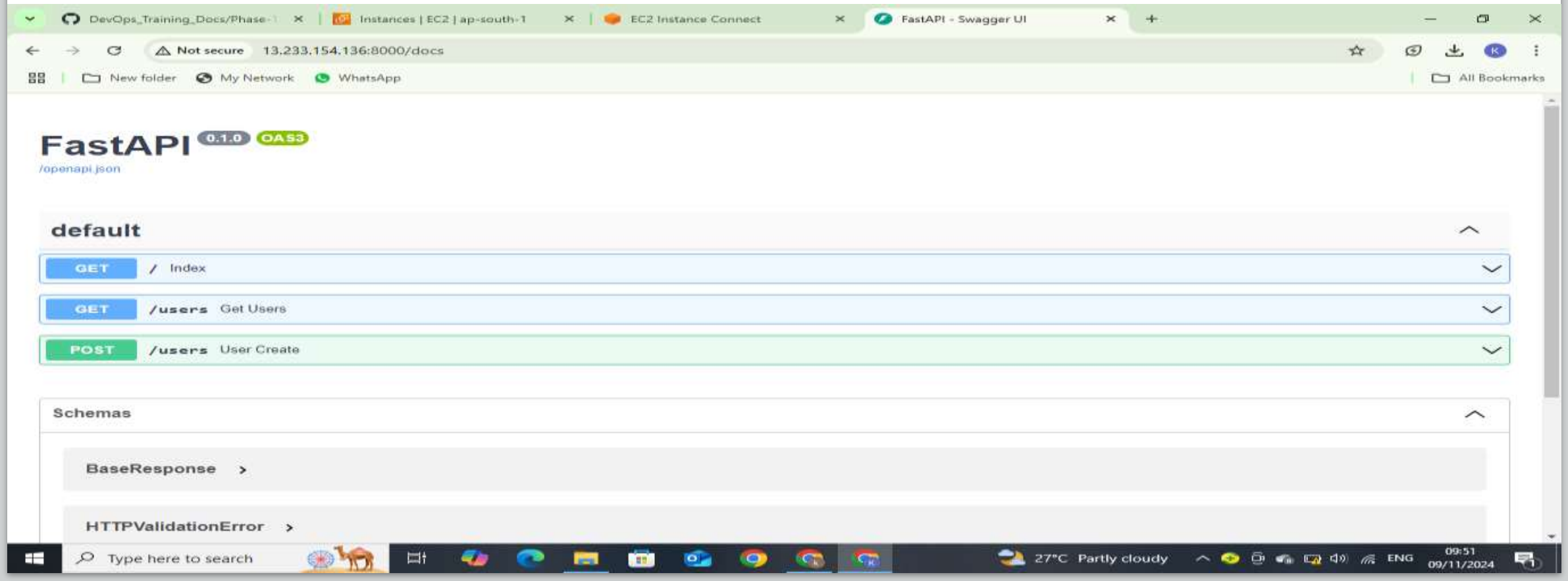
taken a public ip of instance



successfully got the page




DevOps_Training_Docs/Phase-
Instances | EC2 | ap-south-1
EC2 Instance Connect
13.233.154.136:8000
Not secure
13.233.154.136:8000
New folder
My Network
WhatsApp
All Bookmarks
Pretty-print
{"message":"Welcome To Nimap Infotech ;)"}
Type here to search
27°C Partly cloudy
ENG
09:49
09/11/2024


DevOps_Training_Docs/Phase-1
Instances | EC2 | ap-south-1
EC2 Instance Connect
FastAPI - Swagger UI
Not secure
13.233.154.136:8000/docs
New folder
My Network
WhatsApp
All Bookmarks
FastAPI
0.1.0
OAS3
/openapi.json
default
GET / Index
GET /users Get Users
POST /users User Create
Schemas
BaseResponse
HTTPValidationError
Type here to search
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ENG
09:51
09/11/2024

DevOps_Training_Docs/Phase- | Instances | EC2 | ap-south-1 | EC2 Instance Connect | FastAPI - Swagger UI

Not secure 13.233.154.136:8000/docs#/default/user_create_users_post

New folder | My Network | WhatsApp | All Bookmarks

Responses

Curl

```
curl -X 'POST' \
  'http://13.233.154.136:8000/users' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
  "first_name": "Nimap",
  "last_name": "Infotech",
  "age": 0
}'
```

Request URL

```
http://13.233.154.136:8000/users
```

Server response

Code	Details
200	Response body

```
{
  "success": true
}
```

Download

Response headers

```
content-length: 16
content-type: application/json
date: Sat,09 Nov 2024 04:23:26 GMT
server: uvicorn
```

Type here to search | 27°C Partly cloudy | ENG | 09:53 09/11/2024

THANK YOU