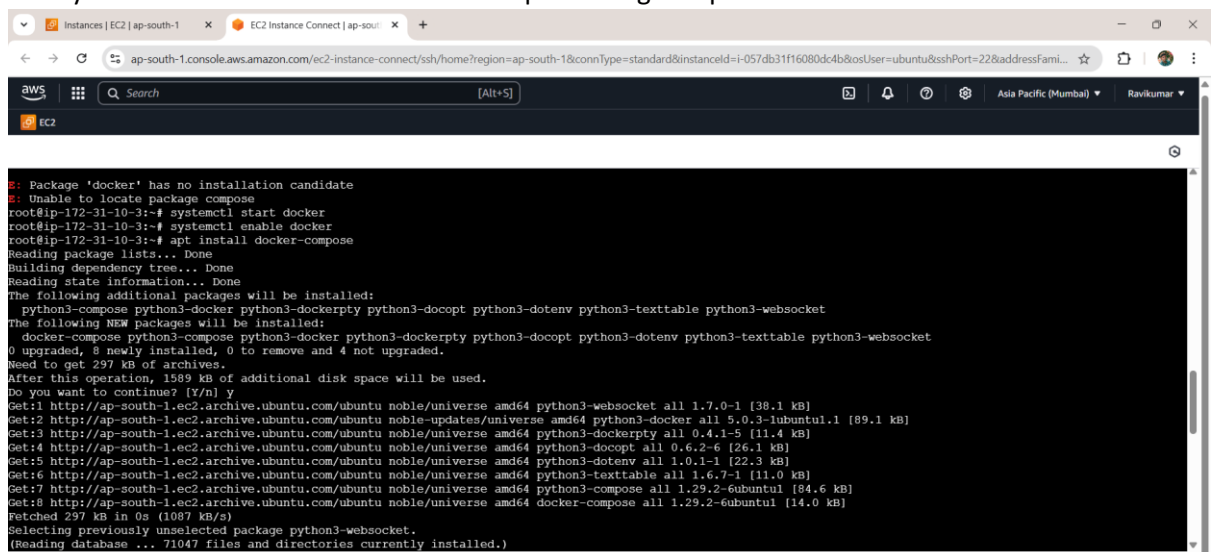


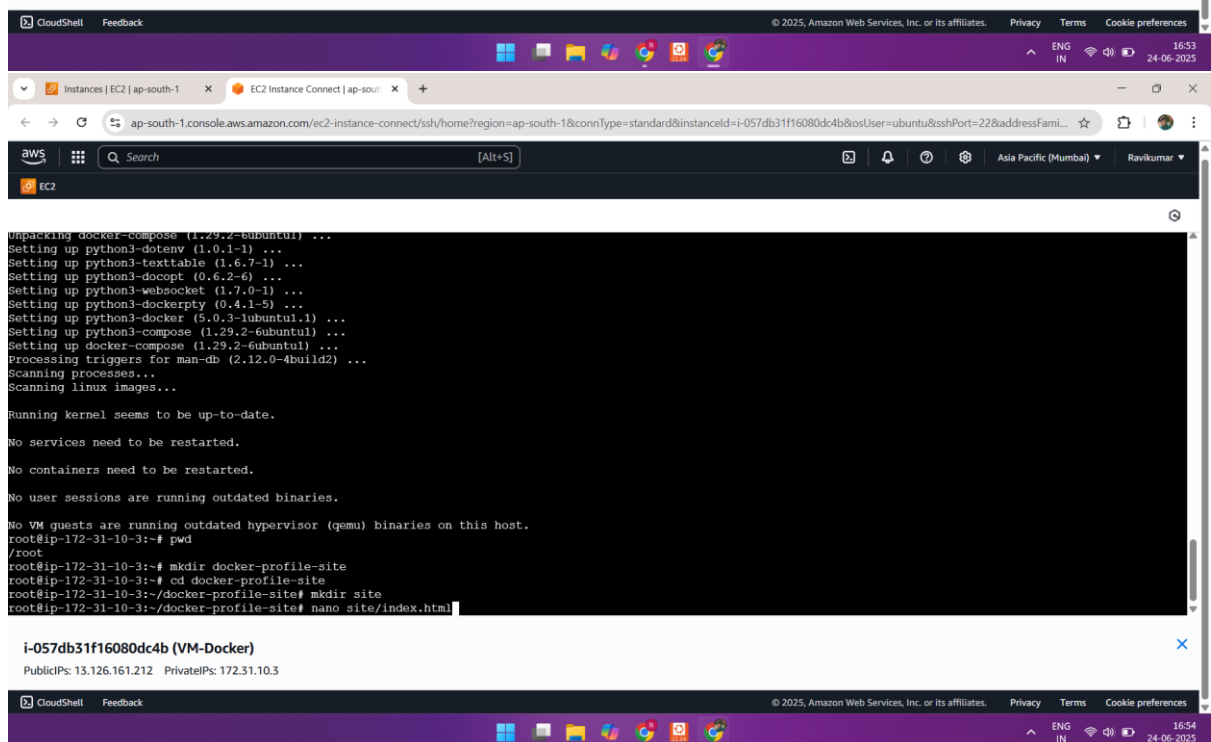
## Docker Task 2

1. First I launched ubuntu VM machine in EC2 instance through aws, after that I connected and I installed docker in terminal, Then I installed docker compose.
2. Now I create a Website file, and create html file using respecting correct path (Like static website ZIP File). So I created one directory into that directory I created one folder, into that folder I created one html file, one yaml file, one docker file.
3. In HTML file should be name as index.html inside that I written some codes, in yaml file I written versions and port nos, in docker file I written codes From nginx web server to copy into the path.
4. In instance I need to 8080 port should be open. Then its working in the public ip address.
5. The public ip address url is followed by 8080 number then its work.
6. Finally I want remove or delete docker compose using compose down command



```
Package 'docker' has no installation candidate
E: Unable to locate package compose
root@ip-172-31-10-3:~# systemctl start docker
root@ip-172-31-10-3:~# systemctl enable docker
root@ip-172-31-10-3:~# apt install docker-compose
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  python3-compose python3-docker python3-dockerpty python3-dockerpty python3-dockerpty python3-dotenv python3-texttable python3-websocket
The following NEW packages will be installed:
  docker-compose python3-compose python3-docker python3-dockerpty python3-dockerpty python3-dockerpty python3-dotenv python3-texttable python3-websocket
0 upgraded, 8 newly installed, 0 to remove and 4 not upgraded.
Need to get 297 kB of archives.
After this operation, 1589 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 python3-websocket all 1.7.0-1 [38.1 kB]
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 python3-docker all 5.0.3-1ubuntu1.1 [89.1 kB]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 python3-dockerpty all 0.4.1-5 [11.4 kB]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 python3-dockerpty all 0.6.2-6 [26.1 kB]
Get:5 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 python3-dotenv all 1.0.1-1 [22.3 kB]
Get:6 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 python3-texttable all 1.6.7-1 [11.0 kB]
Get:7 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 python3-compose all 1.29.2-6ubuntu1 [84.6 kB]
Get:8 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 docker-compose all 1.29.2-6ubuntu1 [14.0 kB]
Fetched 297 kB in 0s (1087 kB/s)
Selecting previously unselected package python3-websocket.
(Reading database ... 71047 files and directories currently installed.)
```

7.



```
i-057db31f16080dc4b (VM-Docker)
PublicIPs: 13.126.161.212 PrivateIPs: 172.31.10.3

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16:53 24-06-2025
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-south-1&connType=standard&instanceId=i-057db31f16080dc4b&osUser=ubuntu&sshPort=22&addressFami...
AWS EC2
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Unpacking docker-compose (1.29.2-6ubuntu1) ...
Setting up python3-dotenv (1.0.1-1) ...
Setting up python3-texttable (1.6.7-1) ...
Setting up python3-dockerpty (0.6.2-6) ...
Setting up python3-websocket (1.7.0-1) ...
Setting up python3-dockerpty (0.4.1-5) ...
Setting up python3-docker (5.0.3-1ubuntu1.1) ...
Setting up python3-compose (1.29.2-6ubuntu1) ...
Setting up docker-compose (1.29.2-6ubuntu1) ...
Processing triggers for man-db (2.12.0-4build2) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@ip-172-31-10-3:~# pwd
/root
root@ip-172-31-10-3:~# mkdir docker-profile-site
root@ip-172-31-10-3:~# cd docker-profile-site
root@ip-172-31-10-3:~/docker-profile-site# mkdir site
root@ip-172-31-10-3:~/docker-profile-site# nano site/index.html
```

```
Setting up python3-websocket (1.7.0-1) ...
Setting up python3-dockerpty (0.4.1-5) ...
Setting up python3-docker (5.0.3-1ubuntu1.1) ...
Setting up python3-compose (1.29.2-6ubuntu1) ...
Setting up docker-compose (1.29.2-6ubuntu1) ...
Processing triggers for man-db (2.12.0-4build2) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@ip-172-31-10-3:~# pwd
/root
root@ip-172-31-10-3:~# mkdir docker-profile-site
root@ip-172-31-10-3:~# cd docker-profile-site
root@ip-172-31-10-3:~/docker-profile-site# mkdir site
root@ip-172-31-10-3:~/docker-profile-site# nano site/index.html
root@ip-172-31-10-3:~/docker-profile-site# nano Dockerfile
root@ip-172-31-10-3:~/docker-profile-site# nano docker-compose.yml
root@ip-172-31-10-3:~/docker-profile-site# docker-compose up --build -d
```

#### i-057db31f16080dc4b (VM-Docker)

PublicIPs: 13.126.161.212 PrivateIPs: 172.31.10.3

```
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16:57 24-06-2025
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-south-1&connType=standard&instanceId=i-057db31f16080dc4b&osUser=ubuntu&sshPort=22&addressFami...
AWS [Alt+S] Asia Pacific (Mumbai) Ravikumar
EC2

root@ip-172-31-10-3:~/docker-profile-site# nano docker-compose.yml
root@ip-172-31-10-3:~/docker-profile-site# docker-compose up --build -d
Creating network "docker-profile-site_default" with the default driver
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
Install the buildx component to build images with BuildKit:
https://docs.docker.com/go/buildx/
Sending build context to Docker daemon 4.608kB
Step 1/2 : FROM nginx:alpine
alpine: Pulling from library/nginx
f18232174bc9: Pull complete
61ca4f733c80: Pull complete
b464cfd2a63: Pull complete
47e507024086: Pull complete
81bd8ed7ec67: Pull complete
197eb75867ef: Pull complete
84a64e4b756: Pull complete
99c2d4fd6010: Pull complete
Digest: sha256:65645c7bb6a0661892a9b03b89d0743208a18dd2f3f17a54ef4b76fb8e2f2a10
Status: Downloaded newer image for nginx:alpine
--> 6769dc3a703c
Step 2/2 : COPY site/index.html /usr/share/nginx/html/index.html
--> 53f513b7bc0b
Successfully built 53f513b7bc0b
Successfully tagged docker-profile-site_web:latest
Creating docker-profile-site_web.1 ... done
root@ip-172-31-10-3:~/docker-profile-site# https://13.126.161.212/:8080
```

#### i-057db31f16080dc4b (VM-Docker)

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16:58 24-06-2025



Instance details | EC2 | ap-south-1

EC2 Instance Connect | ap-south-1

My Docker Site

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-south-1&connType=standard&instanceId=i-057db31f16080dc4b&osUser=ubuntu&sshPort=22&addressFami...

Search

[Alt+S]

Asia Pacific (Mumbai)

Ravikumar

EC2

```
root@ip-172-31-10-3:~/docker-profile-site# docker-compose down
Stopping docker-profile-site_web_1 ... done
Removing docker-profile-site_web_1 ... done
Removing network docker-profile-site_default
root@ip-172-31-10-3:~/docker-profile-site#
```

i-057db31f16080dc4b (VM-Docker)

PublicIPs: 13.126.161.212 PrivateIPs: 172.31.10.3

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