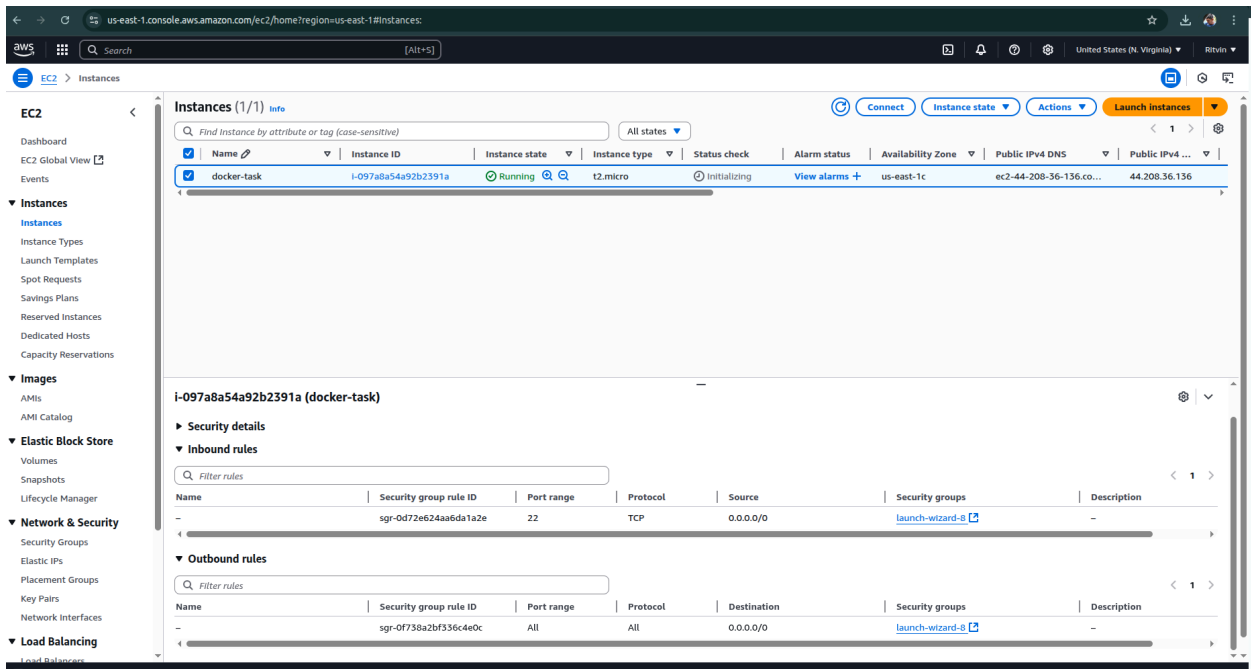# Docker Task –2

Task Description:

Create a dockerfile, docker-compose file which when executed must display your basic details in the website.

EC2 instance:

File creations:

```
ubuntu@ip-172-81-208:~$ mkdir docker-profile-site && cd docker-profile-site
ubuntu@ip-172-81-208:~/docker-profile-site$ mkdir site
ubuntu@ip-172-81-208:~/docker-profile-site$ vime site/
Command 'vime' not found, did you mean:
  command 'vite' from deb vite (1.2-svn+git4.c6c0ce7-8)
  command 'vim' from deb vim (2:9.1.0016-1ubuntu7.6)
  command 'vim' from deb vim-gtk3 (2:9.1.0016-1ubuntu7.6)
  command 'vim' from deb vim-motif (2:9.1.0016-1ubuntu7.6)
  command 'vim' from deb vim-nox (2:9.1.0016-1ubuntu7.6)
  command 'vim' from deb neovim (0.7.2-8)
  command 'vile' from deb vile (9.8y-3)
  command 'time' from deb time (1.9-0.2)
  command 'hime' from deb hime (0.9.11+dfsg-4)
  command 'vipe' from deb moreutils (0.67-1)
Try: sudo apt install <deb name>
ubuntu@ip-172-81-208:~/docker-profile-site$ vim site/index.html
ubuntu@ip-172-81-208:~/docker-profile-site$ vim dockerfile
ubuntu@ip-172-81-208:~/docker-profile-site$ vim docker-compose.yml
ubuntu@ip-172-81-208:~/docker-profile-site$ sudo docker-compose up --build -d
sudo: docker-compose: command not found
ubuntu@ip-172-81-208:~/docker-profile-site$ docker compose version
docker: 'compose' is not a docker command.
See 'docker --help'
ubuntu@ip-172-81-208:~/docker-profile-site$ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
86 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-81-208:~/docker-profile-site$ sudo apt install docker-compose-plugin -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package docker-compose-plugin
ubuntu@ip-172-81-208:~/docker-profile-site$ DOCKER_COMPOSE_VERSION=$(curl -s https://api.github.com/repos/docker/compose/releases/latest | grep tag_name | cut -d '"' -f 4)
sudo curl -L "https://github.com/docker/compose/releases/download/${DOCKER_COMPOSE_VERSION}/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0
100 71.6M  100 71.6M    0     0   111M      0 --:--:-- --:--:-- --:--:--  140M
ubuntu@ip-172-81-208:~/docker-profile-site$ sudo chmod +x /usr/local/bin/docker-compose
ubuntu@ip-172-81-208:~/docker-profile-site$ docker-compose --version
Docker Compose version v2.38.2
ubuntu@ip-172-81-208:~/docker-profile-site$ sudo docker-compose up --build -d
```

Docker compose & build:

```
Docker Compose version v2.38.2
ubuntu@ip-172-81-208:~/docker-profile-site$ sudo docker-compose up --build -d
WARN[0000] /home/ubuntu/docker-profile-site/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
WARN[0000] Docker Compose is configured to build using Bake, but buildx isn't installed
[+] Building 2.7s (8/8) FINISHED                                                                                  docker:default
 => [web internal] load build definitions from dockerfile                                                                  0.0s
 => => transferring dockerfile: 88B                                                                                        0.0s
 => [web internal] load metadata for docker.io/library/nginx:alpine                                                        0.0s
 => [web internal] load .dockerignore                                                                                      0.0s
 => => transferring context: 2B                                                                                            0.0s
 => [web internal] load build context                                                                                     0.0s
 => => transferring context: 254B                                                                                         0.0s
 => [web 1/2] FROM docker.io/library/nginx:alpine@sha256:d67ea0d64d510b1bbb4acde3b00f722ac3e9764b3209a9b0a90924ba15e4b779   1.4s
 => => resolve docker.io/library/nginx:alpine@sha256:d67ea0d64d510b1bbb4acde3b00f722ac3e9764b3209a9b0a90924ba15e4b779      0.0s
 => => sha256:d67ea0d64d510b1bbb4acde3b00f722ac3e9764b3209a9b0a90924ba15e4b779  10.33kB / 10.33kB                          0.0s
 => => sha256:fd372c32d4a23422bcd7489867f5c2e7e99774d40330ccf84e3a269b7155690f  6200 / 6200                                0.1s
 => => sha256:956a74d6a336e799e7e19c7408d282b4c549fa5eda9ee5bcbe1932f0a5d9d309  9500 / 9500                                0.1s
 => => sha256:845b542465da5f77dd5751cbb7c5be8b4be44cca1f20f97053a3ea27a044b317  2.50kB / 2.50kB                            0.1s
 => => sha256:08adbc7fd47ec44ff3aa4a835d3a4f4c40d5a7ca24ce49d03b3257fda7fe4e40  10.78kB / 10.78kB                          0.1s
 => => sha256:9824c277491b27c5ae1bc0a7aad5af4ad5c9a411cc12db1c5d61a0ca1adff  3.80kB / 3.80kB                               0.1s
 => => sha256:a558bc182d9e0a41abf07055d15c2f1b7e9aa4e022de045565e2645edb7e1  1.91kB / 2.01MB                               0.1s
 => => extracting sha256:9824c277491b27c5ae1bc0a7aad5af4ad5c9a411cc12db1c5d61a0ca1adff                                     0.1s
 => => sha256:c1d2dc1b4ea331ffcb9418130df47d141f18d13a13a15b13b13cc7case+tfa99  4030 / 4030                                0.1s
 => => sha256:f23a65b3ecc09adc1d7a272010d411a4ed0c2adda5a2f374ffae/f947ecfffh3b  10.78MB / 10.78MB                         0.5s
 => => sha256:b2aad27fd54a182f0a55f47a1a1aba231cd525aca3a1594522bf054ebba1c94e2  1.40kB / 1.40kB                           0.1s
 => => sha256:82afa0ad7bc4ee728446b7b1a617aa1c74f1ae7c21e95a5d1437bd2ac15a8  1.21kB / 1.21kB                               0.1s
 => => extracting sha256:a558bc182d9e0a41abf07055d15c2f1b7e9aa4e022de045565e2645edb7e1                                     0.0s
 => => extracting sha256:fd372c32d4a23422bcd7489867f5c2e7e99774d40330ccf84e3a269b7155690f                                  0.0s
 => => extracting sha256:956a74d6a336e799e7e19c7408d282b4c549fa5eda9ee5bcbe1932f0a5d9d309                                  0.0s
 => => extracting sha256:c1d2dc1b4ea331ffcb9418130df47d141f18d13a13a15b13b13cc7case+tfa99                                  0.0s
 => => extracting sha256:f23a65b3ecc09adc1d7a272010d411a4ed0c2adda5a2f374ffae/f947ecfffh3b                                 0.2s
 => => extracting sha256:b2aad27fd54a182f0a55f47a1a1aba231cd525aca3a1594522bf054ebba1c94e2                                 0.0s
 => => extracting sha256:82afa0ad7bc4ee728446b7b1a617aa1c74f1ae7c21e95a5d1437bd2ac15a8                                     0.0s
 => [web 2/2] COPY site/ /usr/share/nginx/html                                                                            0.2s
 => [web] exporting to image                                                                                              0.0s
 => => exporting layers                                                                                                   0.1s
 => => writing image sha256:579ebcd5334b9e5495addf9105200a4355de9708e5ofe915009cc10dd4a0e                                  0.0s
 => => naming to docker.io/library/docker-profile-site-web3                                                               0.0s
 => [web] resolving provenance for metadata file                                                                          0.0s
[+] Running 3/3
 ✔ web                                 Built                                                                               0.0s
 ✔ Network docker-profile-site_default  Created                                                                           0.1s
 ✔ Container docker-profile-site-web-1  Started                                                                           0.1s
ubuntu@ip-172-81-208:~/docker-profile-site$ docker ps
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.47/containers/json": dial unix /var/run/docker.sock: connect
: permission denied
ubuntu@ip-172-81-208:~/docker-profile-site$ sudo docker ps
CONTAINER ID   IMAGE                   COMMAND                  CREATED          STATUS          PORTS                                     NAMES
4894db1b2cc8   docker-profile-site-web  "/docker-entrypoint…"   31 seconds ago   Up 30 seconds   0.0.0.0:80->80/tcp, :::80->80/tcp         docker-profile-site-web-1
72633f23f7ef   nginx                   "/docker-entrypoint…"   18 minutes ago   Up 18 minutes   80/tcp                                    voltest
ubuntu@ip-172-81-208:~/docker-profile-site$
```