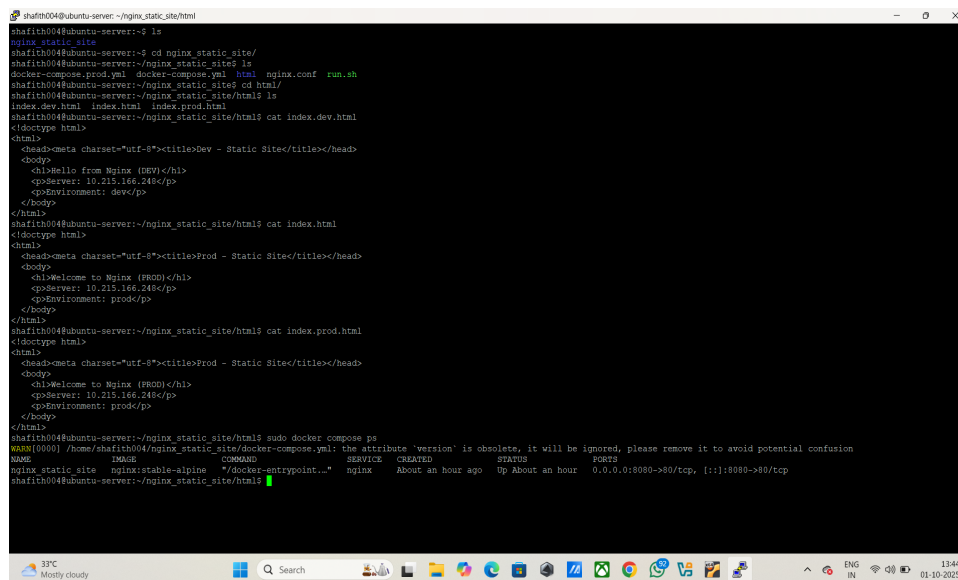


# DevOps Task 3 Report

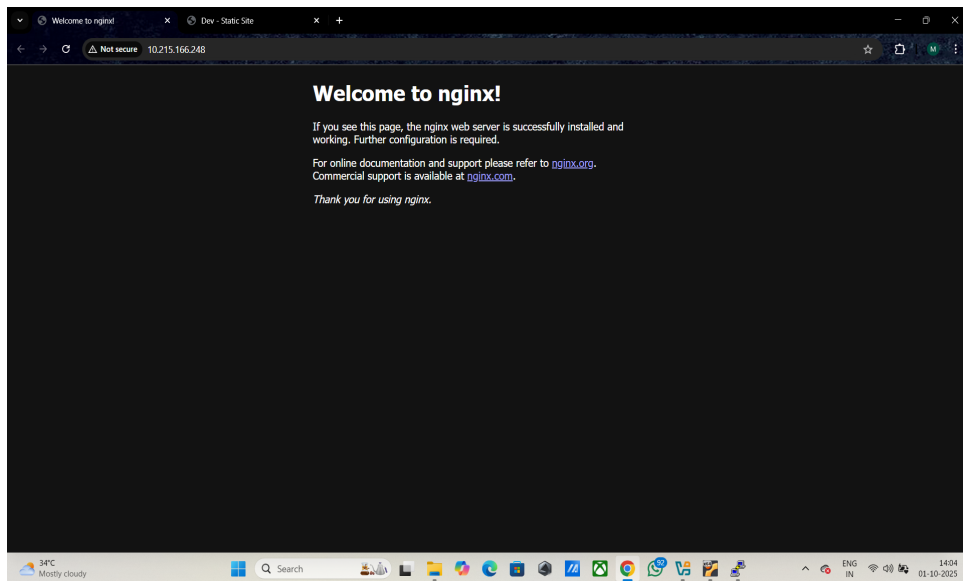
This task involves setting up and managing multiple environments using Docker containers within a single server. The goal is to host two different web applications (environments) on the same machine, ensuring that each runs independently through separate ports, simulating a production and development environment setup. **Steps Performed:**

- Created Docker containers to host two web pages on one server.
- Assigned separate ports for each container to make both pages accessible.
- Tested the environments using browser URLs for verification.
- Used Docker start and stop commands to manage containers even after closing PuTTY.
- Ensured both containers can be relaunched easily for continued use.

## Task Screenshots:



```
shafith004@ubuntu-server: ~/nginx_static_site/html
nginx_static_site
shafith004@ubuntu-server:~$ cd nginx_static_site/
shafith004@ubuntu-server:~/nginx_static_site$ ls
docker-compose.prod.yml  docker-compose.yml  html  nginx.conf  run.sh
shafith004@ubuntu-server:~/nginx_static_site$ cd html/
shafith004@ubuntu-server:~/nginx_static_site/html$ ls
index.dev.html  index.html  index.prod.html
shafith004@ubuntu-server:~/nginx_static_site/html$ cat index.dev.html
<!doctype html>
<html>
  <head><meta charset="utf-8"><title>Dev - Static Site</title></head>
  <body>
    <h1>Hello from Nginx (DEV)</h1>
    <p>Server: 10.215.166.248</p>
    <p>Environment: dev</p>
  </body>
</html>
shafith004@ubuntu-server:~/nginx_static_site/html$ cat index.html
<!doctype html>
<html>
  <head><meta charset="utf-8"><title>Prod - Static Site</title></head>
  <body>
    <h1>Welcome to Nginx (PROD)</h1>
    <p>Server: 10.215.166.248</p>
    <p>Environment: prod</p>
  </body>
</html>
shafith004@ubuntu-server:~/nginx_static_site/html$ cat index.prod.html
<!doctype html>
<html>
  <head><meta charset="utf-8"><title>Prod - Static Site</title></head>
  <body>
    <h1>Welcome to Nginx (PROD)</h1>
    <p>Server: 10.215.166.248</p>
    <p>Environment: prod</p>
  </body>
</html>
shafith004@ubuntu-server:~/nginx_static_site/html$ sudo docker compose ps
NAME                                IMAGE                                COMMAND                                SERVICE    CREATED        STATUS        PORTS
nginx_static_site                  nginx:stable-alpine                /docker-entrypoint.sh                nginx      About an hour ago    Up About an hour    0.0.0.0:8080->80/tcp, [::]:8080->80/tcp
```



**Attached Offer Letter:**

**NULLCLASS**  
NULLCLASS EDTECH PRIVATE LIMITED

2/180, PUNGAMPATTI VILLAGE, BARUR POST,  
POCHAMPALLI TALUK, KRISHNAGIRI, DHARMAPURI,  
TAMIL NADU, INDIA, 635201

Tel. 9566474509

info@nullclass.com

nullclass.com


**September 21, 2025**

**Dear Mohamed Shafith,**

We are pleased to offer you the opportunity to join NullClass as an **Cloud Technology Intern 21-09-2025 to 21-10-2025 (1 Months)**

This offer is conditional upon Annexure A: Terms and Conditions attached below . Upon fulfilling the internship criteria, you will embark on a journey of professional growth and real-world experience with us

**Congratulations!**



**Elavarasi,  
COO**

