Task

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

1. **Creating project directory.**

```
ubuntu@ip-172-31-43-17:~$ mkdir mydetails-app
ubuntu@ip-172-31-43-17:~$ cd mydetails-app
ubuntu@ip-172-31-43-17:~/mydetails-app$ |
```

2. **Create an HTML File (Website)**

```
<html>
<head><title>My Details</title></head>
<body>
    <h1>Professional Profile</h1>
    <p><strong>Name:</strong> Dugyala Ravali</p>
    <p><strong>Role:</strong> DevOps Engineer</p>
    <p><strong>Status:</strong> Running in Docker on EC2!</p>
</body>
</html>
~
~
~
~
~
~
~
```

3. **Creating dockerfile**

```
# Use the official Nginx image as a base
FROM nginx:alpine

# Copy your local index.html to the Nginx web root
COPY index.html /usr/share/nginx/html/index.html

# Expose port 80
EXPOSE 80
~
~
~
```

4. **Creating docker compose YAML file**

```
 ubuntu@ip-172-31-43-17: ~/mydetails-app
version: '3.8'
services:
  web-profile:
    build: .
    ports:
      - "8080:80"
    restart: always
~
~
~
```
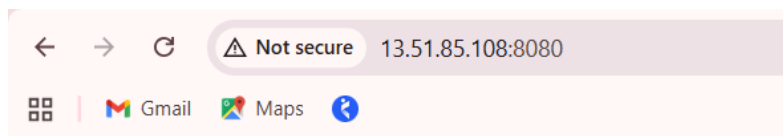
5. Build and run container

6. Open Website in Browser

Professional Profile

Name: Dugyala Ravali

Role: DevOps Engineer

Status: Running in Docker on EC2!

Website showing my details that given in index.html file. hence website working fine.