Docker Task -2

Task Description:

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

```
Last login: Sat Jun 21 11:12:52 2025 from 157.48.122.186
-bash: export: `/home/ubuntu/.bashrc': not a valid identifier
ubuntu@ip-172-31-17-54:~$ ls
docker-compose.yml   my-profile-site
ubuntu@ip-172-31-17-54:~$ cd my-profile-site
ubuntu@ip-172-31-17-54:~/my-profile-site$ ls
Dockerfile   docker-compose.yml   index.html
ubuntu@ip-172-31-17-54:~/my-profile-site$
```

```
GNU nano 7.2
# Use official Nginx image
FROM nginx:alpine

# Remove default index
RUN rm -rf /usr/share/nginx/html/*

# Copy our HTML file into the container
COPY index.html /usr/share/nginx/html/

# Expose port 80
EXPOSE 80
```

ubuntu@ip-172-31-17-54: ~/my-profile-site

```
GNU nano 7.2
version: '3.8'

services:
  profile-web:
    build: .
    ports:
      - "8080:80"
    container_name: my_profile_site
```

ubuntu@ip-172-31-17-54: ~/my-profile-site

```
  GNU nano 7.2
<!DOCTYPE html>
<html>
<head>
    <title>My Profile</title>
</head>
<body>
    <h1>Hello, I'm Ashok M</h1>
    <p>Age: 26</p>
    <p>Profession: Devops Engineer</p>
    <p>Skills: AWS,Docker, Cloud Management</p>
</body>
</html>
```

```
ubuntu@ip-172-31-17-54:~/my-profile-site$ sudo docker-compose up --build
Building profile-web
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  4.096kB
Step 1/4 : FROM nginx:alpine
 ---> 6769dc3a703c
Step 2/4 : RUN rm -rf /usr/share/nginx/html/*
 ---> Using cache
 ---> eae7db75076a
Step 3/4 : COPY index.html /usr/share/nginx/html/
 ---> Using cache
 ---> fea9ca97f923
Step 4/4 : EXPOSE 80
 ---> Using cache
 ---> 1ca9e5fcf5fa
Successfully built 1ca9e5fcf5fa
Successfully tagged my-profile-site_profile-web:latest
my_profile_site is up-to-date
Attaching to my_profile_site
my_profile_site | /docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
my_profile_site | /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
my_profile_site | /docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
my_profile_site | 10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
my_profile_site | 10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
my_profile_site | /docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
my_profile_site | /docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
my_profile_site | /docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
my_profile_site | /docker-entrypoint.sh: Configuration complete; ready for start up
my_profile_site | 2025/06/21 10:53:54 [notice] 1#1: using the "epoll" event method
my_profile_site | 2025/06/21 10:53:54 [notice] 1#1: nginx/1.27.5
my_profile_site | 2025/06/21 10:53:54 [notice] 1#1: built by gcc 14.2.0 (Alpine 14.2.0)
my_profile_site | 2025/06/21 10:53:54 [notice] 1#1: OS: Linux 6.8.0-1029-aws
my_profile_site | 2025/06/21 10:53:54 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
my_profile_site | 2025/06/21 10:53:54 [notice] 1#1: start worker processes
my_profile_site | 2025/06/21 10:53:54 [notice] 1#1: start worker process 30
my_profile_site | 2025/06/21 10:55:37 [notice] 1#1: signal 3 (SIGQUIT) received, shutting down
my_profile_site | 2025/06/21 10:55:37 [notice] 30#30: gracefully shutting down
```

Not secure 18.207.114.210:8080

Hello, I'm Ashok M

Age: 26

Profession: Devops Engineer

Skills: AWS,Docker, Cloud Management