

[Guvi Task]

Day 3 - Containers - Micro service Architecture

TASK: Create a docker file, file which when build must display your basic details in website

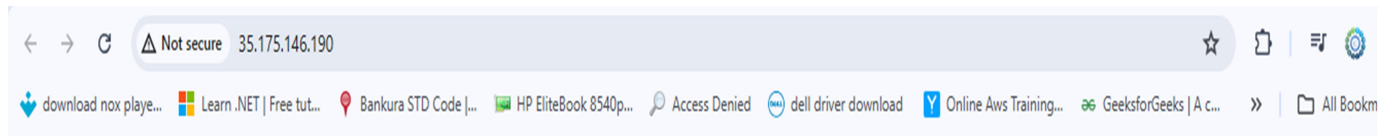
```
aws | Services | Search | [Alt+S] | N. Virginia | submit-aws-07
ubuntu@ip-172-31-85-230:~$
ubuntu@ip-172-31-85-230:~$ docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED    STATUS    PORTS                               NAMES
ae859ce33259   mysql    "docker-entrypoint.s..." 2 hours ago Up 2 hours 3306/tcp, 33060/tcp              mynewsqcontainer
6274cb84b51d   nginx    "/docker-entrypoint..." 2 hours ago Up 2 hours 0.0.0.0:800->80/tcp, :::800->80/tcp mycontainernginx
ubuntu@ip-172-31-85-230:~$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
myjavaapp     latest   9d1741c07d82   4 hours ago    424MB
mynodeimg     latest   0ff86da9cdc5   3 days ago     122MB
nginx         latest   dde0cca083bc   2 weeks ago    188MB
nginx         <none>   4f67c83422ec   2 weeks ago    188MB
mysql         latest   fcd86ff8ce8c   6 weeks ago    578MB
node          16-alpine 2573171e0124   10 months ago  118MB
busybox       latest   65ad0d468eb1   13 months ago  4.26MB
hello-world   latest   d2c94e258dcb   13 months ago  13.3kB
openjdk       17-slim  37cb44321d04   2 years ago    408MB
ubuntu@ip-172-31-85-230:~$
ubuntu@ip-172-31-85-230:~$
ubuntu@ip-172-31-85-230:~$
ubuntu@ip-172-31-85-230:~$ vi index.html
ubuntu@ip-172-31-85-230:~$ vi Dockerfile
ubuntu@ip-172-31-85-230:~$ vi dockerfile
ubuntu@ip-172-31-85-230:~$ vi Dockerfile
ubuntu@ip-172-31-85-230:~$ docker build -t myapp .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
```

i-0aa0effddf306f387 (Docker_demo)

PublicIPs: 35.175.146.190 PrivateIPs: 172.31.85.230

```
aws Services Search [Alt+S] N. Virginia sumit-aws-07
buntu@ip-172-31-85-230:~$
buntu@ip-172-31-85-230:~$ vi index.html
buntu@ip-172-31-85-230:~$ vi Dockerfile
buntu@ip-172-31-85-230:~$ vi dockerfile
buntu@ip-172-31-85-230:~$ vi Dockerfile
buntu@ip-172-31-85-230:~$ docker build -t myapp .
EPRECATED: 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 135MB
Step 1/2 : FROM nginx:alpine
manifest for nginx:alpine not found: manifest unknown: manifest unknown
buntu@ip-172-31-85-230:~$ vi Dockerfile
buntu@ip-172-31-85-230:~$
buntu@ip-172-31-85-230:~$ docker build -t myapp .
EPRECATED: 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 135MB
Step 1/2 : FROM nginx:alpine
alpine: Pulling from library/nginx
abc2066143: Pull complete
1e69ebc7f92: Pull complete
i-0aa0effddf306f387 (Docker_demo)
PublicIPs: 35.175.146.190 PrivateIPs: 172.31.85.230
```

```
aws Services Search [Alt+S] N. Virginia sumit-aws-07
3c3800d1d0f2: Pull complete
e3227d68030d: Pull complete
8c50e1264d11: Pull complete
Digest: sha256:69f8c2c72671490607f52122be2af27d4fc09657ff57e42045801aa93d2090f7
Status: Downloaded newer image for nginx:alpine
--> 70ea0d8cc530
Step 2/2 : COPY . /usr/share/nginx/html
--> d50d889a3961
Successfully built d50d889a3961
Successfully tagged myapp:latest
buntu@ip-172-31-85-230:~$ ls
Dockerfile Dockerfiles-SampleApps MultistageDockerfile index.html nodeapp
buntu@ip-172-31-85-230:~$
buntu@ip-172-31-85-230:~$
buntu@ip-172-31-85-230:~$ docker run -d -p 80:80 myapp
#bc8de2d38f63032d937cc8ea32fc8f334809faf3589eef9b9f9a1083c4864b8
buntu@ip-172-31-85-230:~$ docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
#bc8de2d38f6   myapp     "/docker-entrypoint..." 33 seconds ago Up 29 seconds 0.0.0.0:80->80/tcp, :::80->80/tcp   vigilant_dijkstra
#e859ce33259   mysql     "docker-entrypoint.s..." 2 hours ago   Up 2 hours    3306/tcp, 33060/tcp                mynewsqcontainer
#274cb84b51d   nginx     "/docker-entrypoint..." 2 hours ago   Up 2 hours    0.0.0.0:800->80/tcp, :::800->80/tcp  mycontainernginx
buntu@ip-172-31-85-230:~$
buntu@ip-172-31-85-230:~$
buntu@ip-172-31-85-230:~$
buntu@ip-172-31-85-230:~$
i-0aa0effddf306f387 (Docker_demo)
PublicIPs: 35.175.146.190 PrivateIPs: 172.31.85.230
```



MY Details

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