

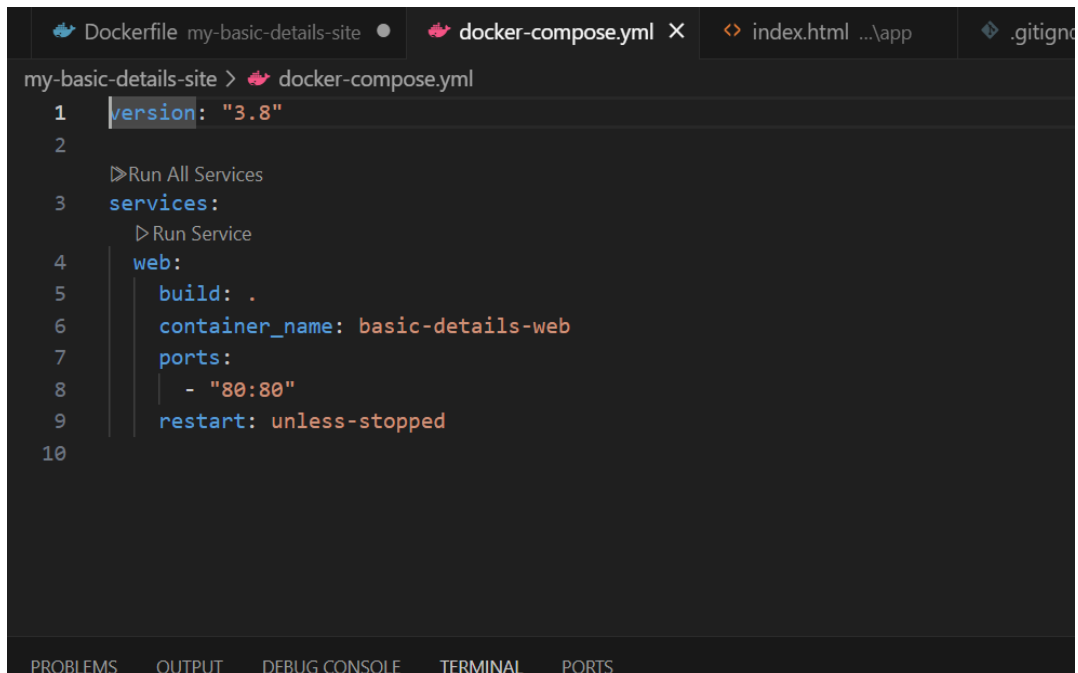
## App index.html file showing basic details

```
Dockerfile my-basic-details-site • docker-compose.yml index.html ...app .gitignore README.md install_dependencies.sh start_server.sh validate.sh
my-basic-details-site > app > index.html > ...
1 <!doctype html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8" />
5   <meta name="viewport" content="width=device-width,initial-scale=1" />
6   <title>Basic Details</title>
7   <style>
8     body { font-family: Arial, Helvetica, sans-serif; margin:40px; background: #f7f9fc; color:#222 }
9     .card { max-width:700px; margin:auto; background: #fff; padding:20px; border-radius:12px; box-shadow:0 6px 18px #000; }
10    h1 { margin-top:0 }
11    .meta { margin-bottom:12px; color:#444 }
12    .list { margin: 12px 0 0 0; padding-left: 18px; }
13    a { color: #007acc; text-decoration: none; }
14  </style>
15 </head>
16 <body>
17   <div class="card">
18     <h1>Deepak</h1>
19     <div class="meta">
20       <strong>Email:</strong> justmailtodeepakramachandran@gmail.com<br/>
21       <strong>Phone:</strong> +91-8217627804<br/>
22       <strong>Location:</strong> Bengaluru, India
23     </div>
24     <h3>About</h3>
25     <p>I am a DevOps enthusiast learning Docker & AWS.</p>
26     <h3>Skills</h3>
27     <ul class="list">
28       <li>AWS</li>
29       <li>Docker</li>
30       <li>CI/CD (Jenkins/GitHub Actions)</li>
31     </ul>
32     <h3>Links</h3>
33     <p>
34       GitHub: <a href="https://github.com/Deepak-r-2001" target="_blank">github.com/Deepak-r-2001</a><br/>
35       Portfolio/LinkedIn: <a href="#" target="_blank">your-link</a>
36     </p>
37   </div>
38 </body>
39 </html>
40
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
BND:dr222@GB-5CD2288DXL MINGW64 ~/Documents/Guv1/DevOps/my-basic-details-site (main|REBASE 1/1)
$
```

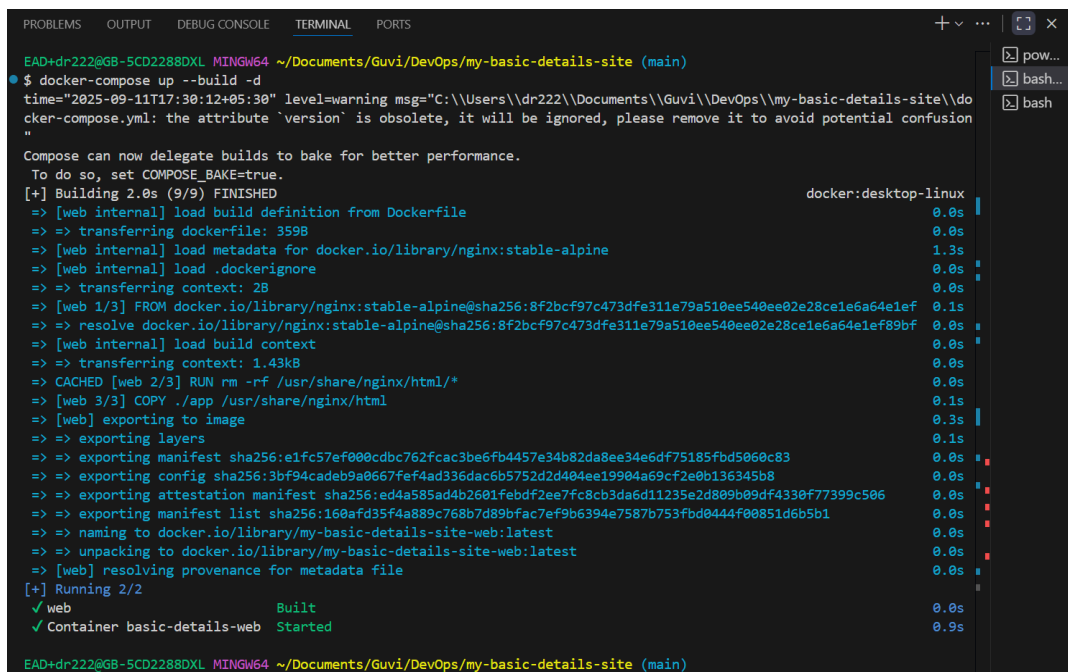
## Dockerfile code

```
Dockerfile my-basic-details-site • docker-compose.yml index.html ...app .gitignore
my-basic-details-site > Dockerfile > ...
1 # Build a tiny static web image using nginx
2 FROM nginx:stable-alpine
3 LABEL maintainer="justmailtodeepakramachandran"2001"
4
5 # Remove default nginx content and copy our static site
6 RUN rm -rf /usr/share/nginx/html/*
7 COPY ./app /usr/share/nginx/html
8
9 EXPOSE 80
10
11 # Keep nginx foregrounded
12 CMD ["nginx", "-g", "daemon off;"]
13
```

## docker-compose.yml code



### Docker Compose build locally

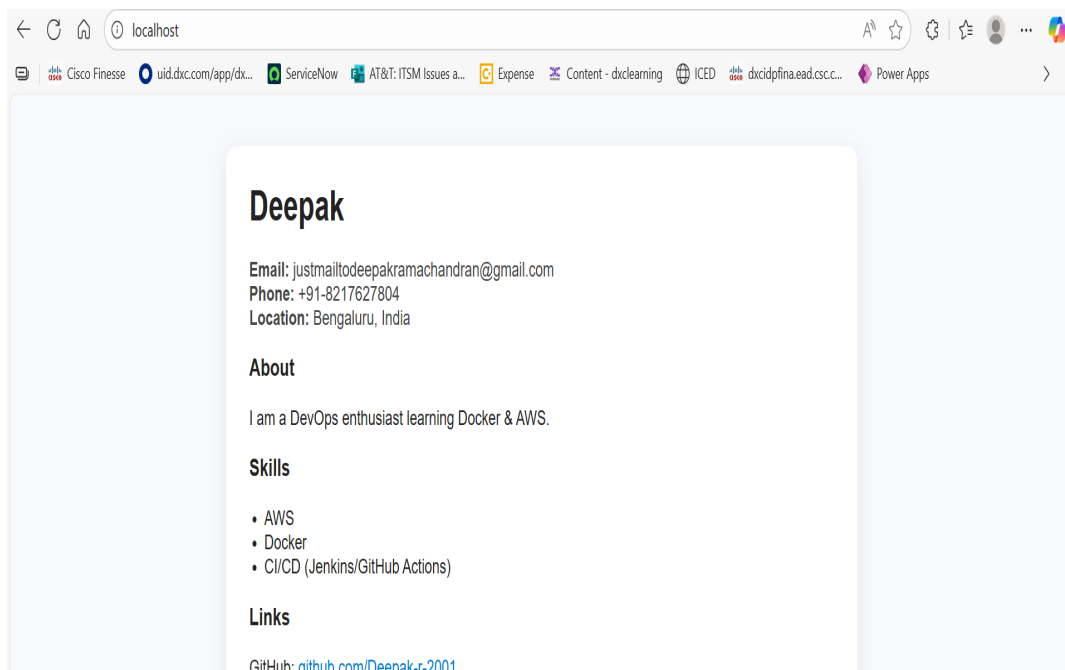


### docker ps output locally

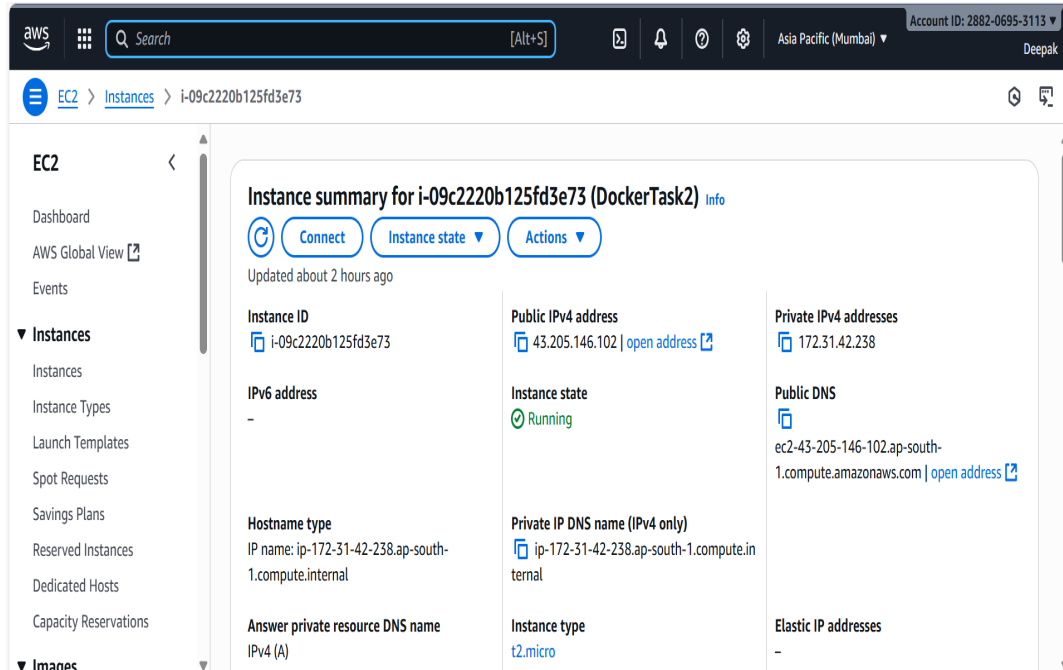
```
EAD+dr222@GB-5CD2288DXL MINGW64 ~/Documents/Guvi/DevOps/my-basic-details-site (main)
$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
NAMES
f4653697284e   my-basic-details-site-web          "/docker-entrypoint..." 40 seconds ago Up 38 seconds 0.0.0.0:80->80/t
cp   basic-details-web
b8b409e87f9b   deepwhoop/devops-build:latest     "/docker-entrypoint..." 9 days ago    Up 7 minutes  80/tcp
condescending_perlman

EAD+dr222@GB-5CD2288DXL MINGW64 ~/Documents/Guvi/DevOps/my-basic-details-site (main)
$ curl http://localhost/
<!doctype html>
<html lang="en">
```

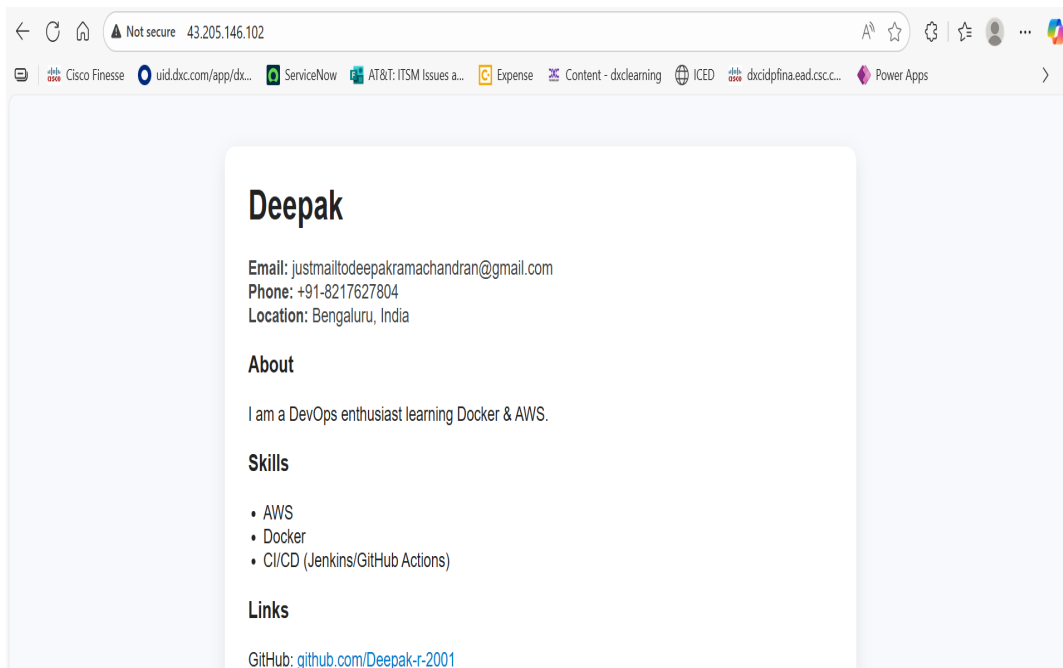
### Website running locally on `http://localhost`



### AWS EC2 instance details



## AWS EC2 Public IP address



## Docker Compose build on EC2

```
ubuntu@ip-172-31-42-238:~/DevOps$ sudo docker compose up --build -d
WARN[0000] /home/ubuntu/DevOps/docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion
[+] Building 8.4s (10/10) FINISHED
=> [internal] load local bake definitions 0.0s
=> => reading from stdin 477B 0.0s
=> [internal] load build definition from Dockerfile 0.1s
=> => transferring dockerfile: 347B 0.0s
=> [internal] load metadata for docker.io/library/nginx:stable-alpine 3.6s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [1/3] FROM docker.io/library/nginx:stable-alpine@sha256:8f2bcf97c473dfe311e79a510ee540ee02e28ca6e64e1ef89bfad32574ef10 3.6s
=> => resolve docker.io/library/nginx:stable-alpine@sha256:8f2bcf97c473dfe311e79a510ee540ee02e28ca6e64e1ef89bfad32574ef10 0.0s
=> => sha256:07273e8eb118b64e6d2c1e0f740456bde3901e22871f42b68422c317904c7 2.49kB / 2.49kB 0.0s
=> => sha256:a97d82f709e2e0ef35e48a697aec860e12cbf2a0ffbfdf95d7701976e81d470ed 10.77kB / 10.77kB 0.0s
=> => sha256:669998b1fd4ad752e6d1b278e90c3634ca699b0394fc3fe7342e72d404223d1 1.79MB / 1.79MB 1.0s
=> => sha256:95be0f4718a48e45cacbaf6e19f7aed48101465aca8a577bd84a57ee42eba1b 628B / 628B 1.2s
=> => sha256:8f2bcf97c473dfe311e79a510ee540ee02e28ca6e64e1ef89bfad32574ef10 10.32kB / 10.32kB 0.0s
=> => sha256:0368fd4e63c6d237d81930f0f986f59aee216df5cfa814041a491463fb0932a12 3.64MB / 3.64MB 0.7s
=> => extracting sha256:0368fd4e63c6d237d81930f0f986f59aee216df5cfa814041a491463fb0932a12 0.2s
=> => sha256:62c31b33012d33aa0a2fe15793525a9d6d6bf9c076fa9d17aa985155b6c57e132c2042 1.21kB / 1.21kB 1.4s
=> => extracting sha256:669998b1fd4ad752e6d1b278e90c3634ca699b0394fc3fe7342e72d404223d1 0.1s
=> => sha256:85a0985bea3a96915f333aa0ec7cc165a06ffc948c8de0418026c0d516c7016 404B / 404B 1.7s
=> => extracting sha256:95be0f4718a48e45cacbaf6e19f7aed48101465aca8a577bd84a57ee42eba1b 0.0s
=> => sha256:8485f215491f7b3ecbcb9a4c66ebb932c076fa9d17aa985155b6c57e132c2042 1.21kB / 1.21kB 1.9s
=> => extracting sha256:62c31b33012d33aa0a2fe15793525a9d6d6bf9c076fa9d17aa985155b6c57e132c2042 0.0s
=> => sha256:f2d0d37ae31d4ab6192eeea9aaf8c1c83664db1db36cb22c98fd2fd259c1542c 1.40kB / 1.40kB 2.0s
=> => extracting sha256:85a0985bea3a96915f333aa0ec7cc165a06ffc948c8de0418026c0d516c7016 0.0s
=> => sha256:a885282f42862920f3320011c879a44e860b584afce1246fddc321700641d0 15.81MB / 15.81MB 2.6s
=> => extracting sha256:8485f215491f7b3ecbcb9a4c66ebb932c076fa9d17aa985155b6c57e132c2042 0.0s
=> => extracting sha256:f2d0d37ae31d4ab6192eeea9aaf8c1c83664db1db36cb22c98fd2fd259c1542c 0.0s
=> [internal] load build context 0.0s
=> => transferring context: 1.33kB 0.0s
=> [2/3] RUN rm -rf /usr/share/nginx/html/* 0.7s
=> [3/3] COPY /app /usr/share/nginx/html 0.1s
=> exporting to image 0.1s
=> => exporting layers 0.1s
=> => writing image sha256:d899c03f22276d5eecd765e0bdcab2bad64421ce896alb7039eb6fc3b9e8db31 0.0s
=> => naming to docker.io/library/devops-web 0.0s
=> => resolving provenance for metadata file 0.0s
[+] Running 3/3
 ✓ devops-web Built 0.0s
 ✓ Network devops_default Created 0.1s
 ✓ Container basic-devops-web Started 0.7s
ubuntu@ip-172-31-42-238:~/DevOps$ docker ps
```

**docker ps output on EC2**

```
ubuntu@ip-172-31-42-238:~/DevOps$ sudo docker ps
sudo docker compose up --build -d

CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
60b00142e73a   devops-web    "/docker-entrypoint..." About a minute ago Up About a minute 0.0.0.0:80->80/tcp, [::]:80->80/tcp basic-devops-web
```