

DEPLOYMENT OF APP IN IBM CLOUD

Containerize The App

Team ID	PNT2022TMID33057
Project Name	Plasma Donor Application

```
C:\Users\kishore kumar\Desktop\Pda>docker build -t pda .
+ Building 219.5s (11/11) FINISHED
=> [internal] load build definition from Dockerfile                                0.0s
=> => transferring dockerfile: 208B                                              0.0s
=> [internal] load .dockerignore                                                 0.0s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/python:3.10.6                1.8s
=> [internal] load build context                                                0.0s
=> => transferring context: 3.33kB                                             0.0s
=> [1/6] FROM docker.io/library/python:3.10.6@sha256:745efd7b7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb03e6aa 0.0s
=> CACHED [2/6] WORKDIR /app                                                    0.0s
=> CACHED [3/6] COPY requirements.txt ./                                        0.0s
=> CACHED [4/6] RUN pip install -r requirements.txt                             0.0s
=> [5/6] RUN pip install ibm_db                                                216.5s
=> [6/6] COPY . .                                                              0.1s
=> exporting to image                                                           1.0s
=> => exporting layers                                                         1.0s
=> => writing image sha256:13a3f96dea2de5af79dc3f04d957524f9aa54912be56b1db9bb3104eb024bdac 0.0s
=> => naming to docker.io/library/pda                                          0.0s
```

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\kishore kumar\Desktop\Pda>

```
C:\Windows\System32\cmd.exe
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 2B                                  0.0s
=> [internal] load metadata for docker.io/library/python:3.10.6 1.8s
=> [internal] load build context                                0.0s
=> => transferring context: 3.33kB                              0.0s
=> [1/6] FROM docker.io/library/python:3.10.6@sha256:745efd7b7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb03e6aa 0.0s
=> CACHED [2/6] WORKDIR /app                                    0.0s
=> CACHED [3/6] COPY requirements.txt ./                      0.0s
=> CACHED [4/6] RUN pip install -r requirements.txt           0.0s
=> [5/6] RUN pip install ibm_db                               216.5s
=> [6/6] COPY . .                                             0.1s
=> exporting to image                                         1.0s
=> => exporting layers                                         1.0s
=> => writing image sha256:13a3f96dea2de5af79dc3f04d957524f9aa54912be56b1db9bb3104eb024bdac 0.0s
=> => naming to docker.io/library/pda                          0.0s
```

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\kishore kumar\Desktop\Pda>docker run -p 5000:5000 pda

```
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://172.17.0.3:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 877-205-231
```

Docker Desktop

Update to latest

Sign in

Containers

Images

Volumes

Dev Environments

Extensions

Add Extensions

Images on disk

Last refresh: 1 minute ago

16 Images

3.42 GB total size

2.29 GB / 3.42 GB in use

Clean up

Images

Give Feedback

LOCAL

REMOTE REPOSITORIES

k8s.gcr.io/etcd	3.5.4-0	a8a176a5d5d6	6 months ago	299.52 MB	
k8s.gcr.io/kube-apiserver	v1.25.0	4d2edfd10d3e	3 months ago	127.71 MB	
k8s.gcr.io/kube-controller-ma...	v1.25.0	1a54c86c03a6	3 months ago	117.1 MB	
k8s.gcr.io/kube-proxy	v1.25.0	58a9a0c6d96f	3 months ago	61.68 MB	
k8s.gcr.io/kube-scheduler	v1.25.0	bef2cf311509	3 months ago	50.58 MB	
k8s.gcr.io/pause	IN USE	3.8	4873874c08ef	5 months ago	711.18 KB
kubernetesui/dashboard	IN USE	v2.6.1	783e2b6d87ed	3 months ago	245.72 MB
kubernetesui/metrics-scraper	IN USE	v1.0.8	115053965e86	6 months ago	43.82 MB
model	IN USE	latest	2cf89fae32ec	3 days ago	904.54 MB
pda	IN USE	latest	13a3f96dea2d	about 5 hours ago	1.1 GB

Connect to Remote Content

Not connected

Store and backup your images remotely

Unlock vulnerability scanning for greater security

Collaborate with your team

Connect for free

Sign in

RAM 3.36GB

CPU 1.73%

Not connected to Hub

v4.12.0