

CREATING DOCKER IMAGE FOR FLASK APP

Date	19 November 2022
Team ID	PNT2022TMID27128
Project Name	Project – Plasma Donor Application

```
C:\Windows\System32\cmd.exe - python app.py
Microsoft Windows [Version 10.0.22000.1219]
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D:\Assignment 2 (bala bharathi)>python app.py
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
```

```
Command Prompt
C:\Users\BALA>cd C:\Users\BALA\Walaia Thiran Project
C:\Users\BALA\Walaia Thiran Project>docker build -t balabharathi/donor .
[+] Building 267.5s (11/11) FINISHED
=> [internal] load metadata for Dockerfile
=> transferring dockerfile: 164B
=> [internal] load .dockerignore
=> transferring context: 2B
=> [internal] load metadata for docker.io/library/python:3.10.5
=> [auth] library/python:pull token for registry-1.docker.io
=> [1/5] FROM docker.io/library/python:3.10.5sha256:febf94b58c1f28a29427ff097bc1cd559952f0b99a8f3ba0296d8a5 62.8s
=> resolve docker.io/library/python:3.10.5sha256:febf94b58c1f28a29427ff097bc1cd559952f0b99a8f3ba0296d8a5 0.1s
=> sha256:f4802f6dd110d45795e5d72c1a79ee77a51e3425c8a1cebb4d4a8882865 2.22kB / 2.22kB
=> sha256:c35e775abbac95c1d7f356d8dced778f666c6b3bdfcc082755f4b8c012ec6 8.53kB / 8.53kB
=> sha256:d94d4b0e994d57a9910b495174dc410490c47b3b44271c182f4327216165 2.16kB / 2.16kB
=> sha256:286876827ec1b043b571a57886a3a6b5b02a95301176512292f8c317a2816a 10.89kB / 10.89kB
=> sha256:febf94b58c1f28a29427ff097bc1cd559952f0b99a8f3ba0296d8a5146091 2.35kB / 2.35kB
=> sha256:001c52e26ad57e3b25b439e0052f6092e5c0f2d5d982a0ba8819ace521452 55.00kB / 55.00kB
=> sha256:8d0ef32d379091880ef73ac007c0eb07fca3ab0cb1a24c218c2e7bca716e6 54.50kB / 54.50kB
=> sha256:8a35906117b218f4ef7a404a40209077bc0c095c149e0e027f1164f113c0 197.40kB / 197.40kB
=> sha256:588a23e11bc1f356cfc2ca09922ef4d0b2cc0f73e09767a368204c72a2031 6.29kB / 6.29kB
=> extracting sha256:001c52e26ad57e3b25b439e0052f6092e5c0f2d5d982a0ba8819ace521452 1.5s
=> extracting sha256:d94d4b0e994d57a9910b495174dc410490c47b3b44271c182f4327216165 0.2s
=> extracting sha256:286876827ec1b043b571a57886a3a6b5b02a95301176512292f8c317a2816a 0.2s
=> sha256:c3ba3161c0a60c3000ma97a054f06d0a2300903a51b3987767a74b569 19.72kB / 19.72kB
=> sha256:00a60f20f0c7909c180a1717175c778d2115140842c1c5b116970bc1c43b 234B / 234B
=> extracting sha256:8d0ef32d379091880ef73ac007c0eb07fca3ab0cb1a24c218c2e7bca716e6 1.4s
=> sha256:5d508bd4f0557171f90a97066f0c1a99ef11ba3f7018457775c4c239c4642f 2.80kB / 2.80kB
=> extracting sha256:8a35906117b218f4ef7a404a40209077bc0c095c149e0e027f1164f113c0 7.0s
=> extracting sha256:588a23e11bc1f356cfc2ca09922ef4d0b2cc0f73e09767a368204c72a2031 0.2s
=> extracting sha256:c3ba3161c0a60c3000ma97a054f06d0a2300903a51b3987767a74b569 0.5s
=> extracting sha256:00a60f20f0c7909c180a1717175c778d2115140842c1c5b116970bc1c43b 0.0s
=> extracting sha256:5d508bd4f0557171f90a97066f0c1a99ef11ba3f7018457775c4c239c4642f 0.2s
=> [internal] load build context
=> transferring context: 38.72kB
=> [2/5] WORKDIR /app
=> [3/5] COPY requirements.txt ./
=> [4/5] RUN pip install -r requirements.txt 197.9s
=> [5/5] COPY . .
=> exporting to image
=> exporting layers
=> writing image sha256:a73630116d108515331a978589617e08057808f8052f7db6cad26f5ebcf46a9 0.0s
=> naming to docker.io/balabharathi/donor 0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
C:\Users\BALA\Walaia Thiran Project>
```

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An image is a read-only template with instructions for creating a Docker container. [Learn more](#)

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1.86 GB / 1.46 GB in use11 ImagesLast refresh: 8 days ago

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	NAME	TAG	STATUS	CREATED	SIZE	ACTIONS
<input type="checkbox"/>	balabharathi/donor a73630116d10	latest	In use	1 minute ago	1.1 GB	
<input type="checkbox"/>	ubuntu a8780b506fa4	latest	Unused	17 days ago	77.79 MB	
<input type="checkbox"/>	k8s.gcr.io/kube-apiserver 97801f839490	v1.25.2	In use	about 2 months ago	127.73 MB	
<input type="checkbox"/>	k8s.gcr.io/kube-scheduler ca0ea1ee3cfd	v1.25.2	In use	about 2 months ago	50.58 MB	
<input type="checkbox"/>	k8s.gcr.io/kube-controller-manager dbfceb93c69b	v1.25.2	In use	about 2 months ago	117.1 MB	
<input type="checkbox"/>	k8s.gcr.io/kube-proxy 1c7d8c51823b	v1.25.2	In use	about 2 months ago	61.69 MB	
<input type="checkbox"/>	k8s.gcr.io/pause 4873874c08ef	3.8	In use	5 months ago	711.18 KB	
<input type="checkbox"/>	k8s.gcr.io/etcd					

Showing 11 items

RAM 3.40GB CPU 1.99% Connected to Hub

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A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)

☐ Only show running containers

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	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	k8s_etcd_etcd-docker-desktop_kube-system_c4a-ace46c0d25e3	k8s.gcr.io/etcd:3.5.4-0	Running		11 minutes ag	
<input type="checkbox"/>	k8s_kube-controller-manager_kube-controller-m-23dcd98190d	k8s.gcr.io/kube-controller-manager:v1.25.2	Running		11 minutes ag	
<input type="checkbox"/>	k8s_kube-scheduler_kube-scheduler-docker-desk-ce4195c7fd36	k8s.gcr.io/kube-scheduler:v1.25.2	Running		11 minutes ag	
<input type="checkbox"/>	k8s_kube-apiserver_kube-apiserver-docker-desk-1061a4063480	k8s.gcr.io/kube-apiserver:v1.25.2	Running		11 minutes ag	
<input type="checkbox"/>	k8s_POD_kube-scheduler-docker-desktop_kube-s-f6c3b7dc5f4b	k8s.gcr.io/pause:3.8	Running		11 minutes ag	
<input type="checkbox"/>	k8s_POD_kube-controller-manager-docker-deskt-fad693290698	k8s.gcr.io/pause:3.8	Running		11 minutes ag	
<input type="checkbox"/>	k8s_POD_kube-apiserver-docker-desktop_kube-s-6e4e3eaa5a30	k8s.gcr.io/pause:3.8	Running		11 minutes ag	
<input type="checkbox"/>	k8s_POD_etcd-docker-desktop_kube-system_c4a-c0cc0385f0d5	k8s.gcr.io/pause:3.8	Running		11 minutes ag	
<input type="checkbox"/>	webpage 96833ccdf34	balabharathi/donor:latest	Running	5000:5000	31 seconds ag	

Showing 19 items

RAM 3.41GB CPU 1.63% Connected to Hub

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