

Containerize the App

Docker :

```
C:\Windows\System32\cmd.e x + v
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

D:\IBM Work Space\DEP\imr>docker run -p 5000:5001 imsr
* Serving Flask app 'main'
* 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://172.17.0.2:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 254-564-531

C:\Windows\System32\cmd.e x + v
=> == transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/python:3.10.4 2.9s
=> [1/5] FROM docker.io/library/python:3.10.4@sha256:cddebe04ec7846e 0.0s
=> [internal] load build context 0.1s
=> == transferring context: 1.05MB 0.0s
=> CACHED [2/5] WORKDIR /app 0.0s
=> [3/5] COPY requirements.txt ./ 0.1s
=> [4/5] RUN pip install -r requirements.txt 71.0s
=> [5/5] COPY . . 0.1s
=> exporting to image 1.5s
=> == exporting layers 1.5s
=> == writing image sha256:8e58cac052c040796981757b5bde6f3564084f3db 0.0s
=> == naming to docker.io/library/imr 0.0s

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

D:\IBM Work Space\DEP\imr>docker tag imr:latest rubesh507/imr:latest

D:\IBM Work Space\DEP\imr>docker push rubesh507/imr
Using default tag: latest
The push refers to repository [docker.io/rubesh507/imr]
8de0c84fce25: Pushed
bf7794b7ad8d: Pushed
9ad4fe453301: Pushed
8281246923bf: Mounted from rubesh507/imr_s1
9fda40ddc568: Mounted from rubesh507/imr_s1
420e1f301db7: Mounted from rubesh507/imr_s1
9ea8d200cd5d: Mounted from rubesh507/imr_s1
13b045a1dfd2: Mounted from rubesh507/imr_s1
2fbabeba902e: Mounted from rubesh507/imr_s1
ee509ed6e976: Mounted from rubesh507/imr_s1
9177197c67d0: Mounted from rubesh507/imr_s1
7dbadf2b9bd8: Mounted from rubesh507/imr_s1
e7597c345c2e: Mounted from rubesh507/imr_s1
latest: digest: sha256:dfe742cac0ee4f86abcd38626e7179c9abb10b1e22739d72c3eb0042d1a4bb39 size: 3854

D:\IBM Work Space\DEP\imr> |
```

C:\Windows\System32\cmd.exe

```
D:\IBM Work Space\DEP\imr>docker build -t imr .
[+] Building 75.9s (10/10) FINISHED
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 32B 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/python:3.10.4 2.9s
=> [1/5] FROM docker.io/library/python:3.10.4@sha256:cddebe84ec7846e 0.0s
=> [internal] load build context 0.1s
=> => transferring context: 1.05MB 0.0s
=> CACHED [2/5] WORKDIR /app 0.0s
=> [3/5] COPY requirements.txt ./ 0.1s
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2fbabeba902e: Mounted from rubesh507/imr_s1
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```

localhost:56073

localhost:56073

Gmail YouTube Maps Deploy and Access... dashboard/creating...

Inventory Management System

EMAIL

PASSWORD

SIGN IN

Don't have an account? Please Sign up!

SIGNUP

22°C Cloudy

ENG IN 06:40 PM 21-11-2022

ENG IN 08:17 PM 21-11-2022