

DEPLOYMENT OF IBM CLOUD

Containerize the App

Team ID	PNT2022TMID17803
Project Name	Plasma Donor Application

Containerizing in Docker:

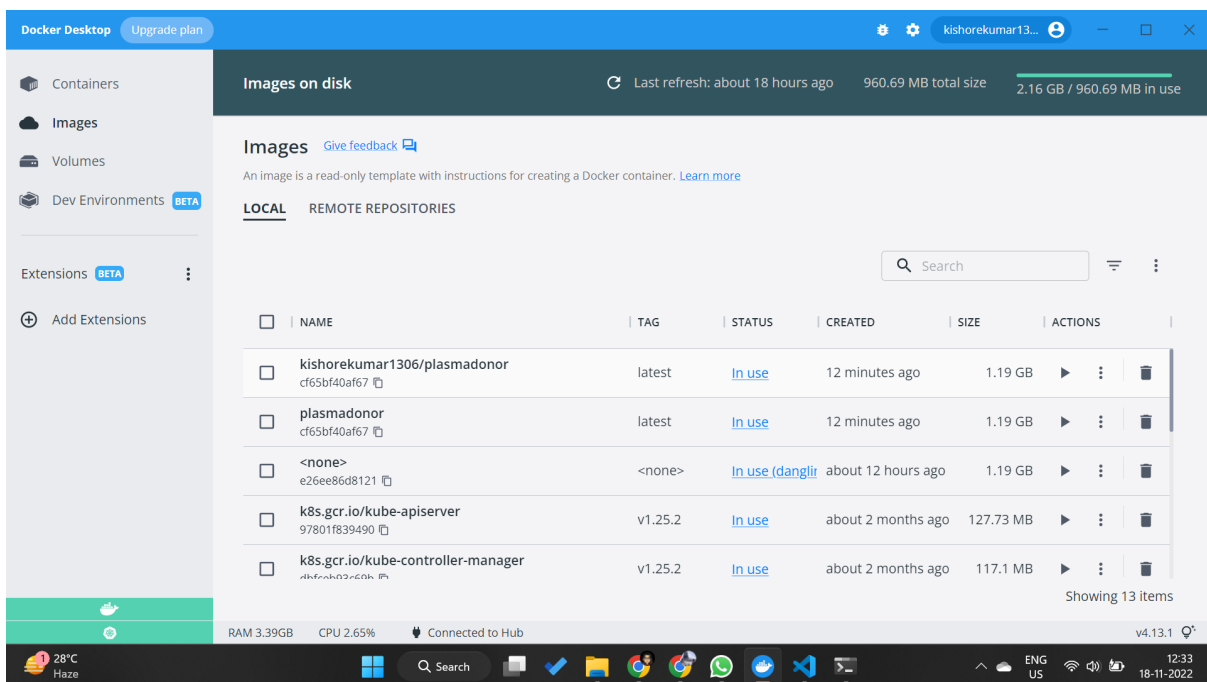
```
Command Prompt
=> [internal] load .dockerignore                                0.1s
=> => transferring context: 2B                                  0.0s
failed to solve with frontend dockerfile.v0: failed to read dockerfile: open /var/lib/docker/tmp/buildkit-mount4132628755/Dockerfile:
no such file or directory

C:\Users\abhis>cd C:\Users\abhis\OneDrive\Desktop\plasmadonor

C:\Users\abhis\OneDrive\Desktop\plasmadonor>docker build -t plasmadonor .
[+] Building 64.1s (12/12) FINISHED
=> [internal] load build definition from Dockerfile                                0.1s
=> => transferring dockerfile: 231B                                                0.0s
=> [internal] load .dockerignore                                                    0.1s
=> => transferring context: 2B                                                      0.0s
=> [internal] load metadata for docker.io/library/python:3.7                      2.2s
=> [auth] library/python:pull token for registry-1.docker.io                     0.0s
=> [1/6] FROM docker.io/library/python:3.7@sha256:cb158b66aaaf68b642eea2246a9a4dcc6bc39bc634dcd43812ae44807c70765  0.0s
=> [internal] load build context                                                  0.7s
=> => transferring context: 187.22kB                                              0.6s
=> CACHED [2/6] WORKDIR /app                                                       0.0s
=> [3/6] ADD . /app                                                                1.1s
=> [4/6] COPY requirements.txt /app                                                0.1s
=> [5/6] RUN python3 -m pip install -r requirements.txt                          56.2s
=> [6/6] RUN python3 -m pip install ibm_db                                       1.6s
=> exporting to image                                                            1.9s
=> => exporting layers                                                            1.8s
=> writing image sha256:cf65bf40af6744ad0a6ae1e465bd41f4a6ac6eafe8baa9abac0dc566dbcd6caa  0.0s
=> naming to docker.io/library/plasmadonor                                       0.0s

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

C:\Users\abhis\OneDrive\Desktop\plasmadonor>
```



The screenshot shows the Docker Hub interface for the repository `kishorekumar1306/plasmadonor`. The page is divided into several sections:

- Header:** Includes the Docker Hub logo, a search bar, and navigation links like [Explore](#), [Repositories](#), [Organizations](#), and [Help](#). The user is logged in as `kishorekumar1306`.
- Breadcrumbs:** `kishorekumar1306` > `Repositories` > `plasmadonor`.
- Repository Tabs:** [General](#) (selected), [Tags](#), [Builds](#), [Collaborators](#), [Webhooks](#), and [Settings](#).
- Description Section:**
 - Repository name: `kishorekumar1306 / plasmadonor`
 - Description: *This repository does not have a description* (with an edit icon).
 - Last pushed: 11 hours ago.
- Docker commands:** A box showing the command `docker push kishorekumar1306/plasmadonor:tagname` and a [Public View](#) button.
- Tags and scans:**
 - Section: **Tags and scans**
 - Content: *This repository contains 1 tag(s).*
 - Status: **VULNERABILITY SCANNING - DISABLED** (with an [Enable](#) link).
- Automated Builds:**
 - Section: **Automated Builds**
 - Text: *Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to enable automatic builds.*