

#Build the docker image

```
PS C:\Users\JacquesBoyodi\myapp> docker build -t jackdev250/my_flask:1.0 .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
BuildKit is currently disabled; enable it by removing the DOCKER_BUILDKIT=0
environment-variable.

Sending build context to Docker daemon  4.096kB
Step 1/8 : FROM python:3.9-slim
3.9-slim: Pulling from library/python
ea3499df304f: Pulling fs layer
396b1da7636e: Pulling fs layer
0219e1e5e6ef: Pulling fs layer
5ec99fe17015: Pulling fs layer
ea3499df304f: Download complete
0219e1e5e6ef: Download complete
5ec99fe17015: Download complete
396b1da7636e: Download complete
396b1da7636e: Pull complete
0219e1e5e6ef: Pull complete
ea3499df304f: Pull complete
ea3499df304f: Pull complete
5ec99fe17015: Pull complete
Digest: sha256:914169c7c8398b1b90c0b0ff921c8027445e39d7c25dc440337e56ce0f2566e6
Status: Downloaded newer image for python:3.9-slim
----> 914169c7c839
Step 2/8 : LABEL maintainer="ton_nom <ton_email>" version="1.0"
----> Running in 5ce68777d40d
----> Removed intermediate container 5ce68777d40d
----> 10a8f732d63f
Step 3/8 : WORKDIR /app
----> Running in d42ec44bc944
----> Removed intermediate container d42ec44bc944
----> 2bfc07018daf
Step 4/8 : COPY requirements.txt /app/requirements.txt
----> f4358edd8384
Step 5/8 : RUN pip install --no-cache-dir -r requirements.txt
----> Running in 392e2417a2a9
Collecting flask
  Downloading flask-3.1.2-py3-none-any.whl (103 kB)
    103.3/103.3 kB 806.3 kB/s eta 0:00:00
Collecting jinja2>=3.1.2
  Downloading jinja2-3.1.6-py3-none-any.whl (134 kB)
    134.9/134.9 kB 2.0 MB/s eta 0:00:00
Collecting markupsafe>=2.1.1
  Downloading MarkupSafe-3.0.2-cp39-cp39-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (20 kB)
Collecting itsdangerous>=2.2.0
  Downloading itsdangerous-2.2.0-py3-none-any.whl (16 kB)
Collecting werkzeug>=3.1.0
  Downloading werkzeug-3.1.3-py3-none-any.whl (224 kB)
```

#Push it to the docker hub

```
PS C:\Users\JacquesBoyodi\myapp> docker login
Authenticating with existing credentials... [Username: jackdev250]

i Info → To login with a different account, run 'docker logout' followed by 'docker login'

Login Succeeded
PS C:\Users\JacquesBoyodi\myapp> docker push jackdev250/my_flask:1.0
The push refers to repository [docker.io/jackdev250/my_flask]
0219e1e5e6ef: Mounted from library/python
8ea8f8c66dae: Pushed
18c89c9093a4: Pushed
396b1da7636e: Mounted from library/python
5ec99fe17015: Mounted from library/python
88ea847d121c: Pushed
91663daf4374: Pushed
ea3499df304f: Mounted from library/python
1.0: digest: sha256:64156285d84dc429635805dbca1a6fe623b597e02e4cd112e8e93e01702c93de size: 2054
PS C:\Users\JacquesBoyodi\myapp> |
```

The screenshot shows the Docker Hub interface for the repository `jackdev250/my_flask`. The page is titled "Repositories / my_flask / General" and shows the repository was last pushed 8 minutes ago. The "Tags" section indicates the repository contains 1 tag(s), with a table showing the tag `1.0` as an "Image" type, pulled "less than 1 day" and pushed "8 minutes" ago. The right sidebar features a "Docker commands" section with the command `docker push jackdev250/my_flask:tagname` and a "Public view" button. Below this is a "Build with Docker Build Cloud" section, which includes a description of the service and a "Go to Docker Build Cloud" link. The bottom of the page shows a "Repository overview" section with an "INCOMPLETE" status.

Tag	OS	Type	Pulled	Pushed
1.0		Image	less than 1 day	8 minutes

#Run your application

```
PS C:\Users\JacquesBoyodi\myapp> curl http://localhost:9090/
```

```
StatusLine      : 200
StatusDescription : OK
Content         : This is a sfeir school about Docker !
RawContent      : HTTP/1.1 200 OK
                  Connection: close
                  Content-Length: 37
                  Content-Type: text/html; charset=utf-8
                  Date: Thu, 28 Aug 2025 09:54:00 GMT
                  Server: Werkzeug/3.1.3 Python/3.9.23

                  This is a sfeir school abou...
Forms           : {}
Headers         : {[Connection, close], [Content-Length, 37], [Content-Type,
                  text/html; charset=utf-8], [Date, Thu, 28 Aug 2025 09:54:00
                  GMT]...}
Images          : {}
InputFields     : {}
Links           : {}
ParsedHtml      : mshtml.HTMLDocumentClass
RawContentLength : 37
```

```
PS C:\Users\JacquesBoyodi\myapp> |
```



This is a sfeir school about Docker !