

# Build a Docker image from source code

## Link For Docker Hub

[https://hub.docker.com/repository/docker/ankitojha2705/plant\\_identifier\\_app/general](https://hub.docker.com/repository/docker/ankitojha2705/plant_identifier_app/general)

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ankitojha2705/plant\_identifier\_app

Last pushed 1 day ago

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This repository does not have a category [🔗](#) [INCOMPLETE](#)

Docker commands

To push a new tag to this repository:

`docker push ankitojha2705/plant_identifier_app:tagname`

[Public View](#)

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
<a href="#">latest</a>		Image	a day ago	a day ago

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Automated Builds

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## Test run in container:

```
6
7 # Copy the current directory contents into the container at /app
8 COPY . /app
9
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS COMMENTS

File "/app/test\_example.py", line 3, in <module>  
from example import add  
ModuleNotFoundError: No module named 'example'

Ran 1 test in 0.000s

FAILED (errors=1)

ankitojha@Ankits-MacBook-Pro TestProject % docker build -t my-python-app .

[+] Building 1.5s (9/9) FINISHED  
=> [internal] load build definition from Dockerfile  
=> => transferring dockerfile: 403B 0.0s  
=> [internal] load metadata for docker.io/library/python:3.9-slim 0.5s  
=> [internal] load .dockerignore 0.0s  
=> => transferring context: 2B 0.0s  
=> [1/4] FROM docker.io/library/python:3.9-slimsha256:2851c06da1fdc3c451784beef8aa31d1a313d8e3fc122e4a1891085a104b7c7fb 0.0s  
=> [internal] load build context 0.0s  
=> => transferring context: 966B 0.0s  
=> CACHED [2/4] WORKDIR /app 0.0s  
=> [3/4] COPY . /app 0.0s  
=> [4/4] RUN pip install --no-cache-dir -r requirements.txt 1.0s  
=> exporting to image 0.0s  
=> exporting layers 0.0s  
=> writing image sha256:75299c23346cf992476ea266f6a749638dbb0cf8b9bb76acc3730ccab9bb4b30 0.0s  
=> naming to docker.io/library/my-python-app 0.0s

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/o7ivx4g3cjoo0xhaicmcpwgx

What's next:  
View a summary of image vulnerabilities and recommendations → [docker scout quickview](#)

ankitojha@Ankits-MacBook-Pro TestProject % docker run --rm my-python-app .

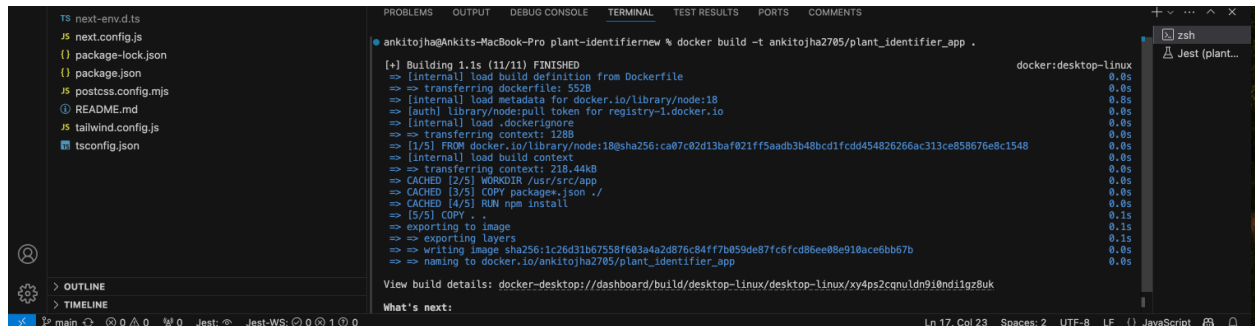
Ran 1 test in 0.000s

OK

ankitojha@Ankits-MacBook-Pro TestProject %

Ln 14, Col 45 Spaces: 4 UTF-8 LF Dockerfile

## Step 1: Build Docker Image

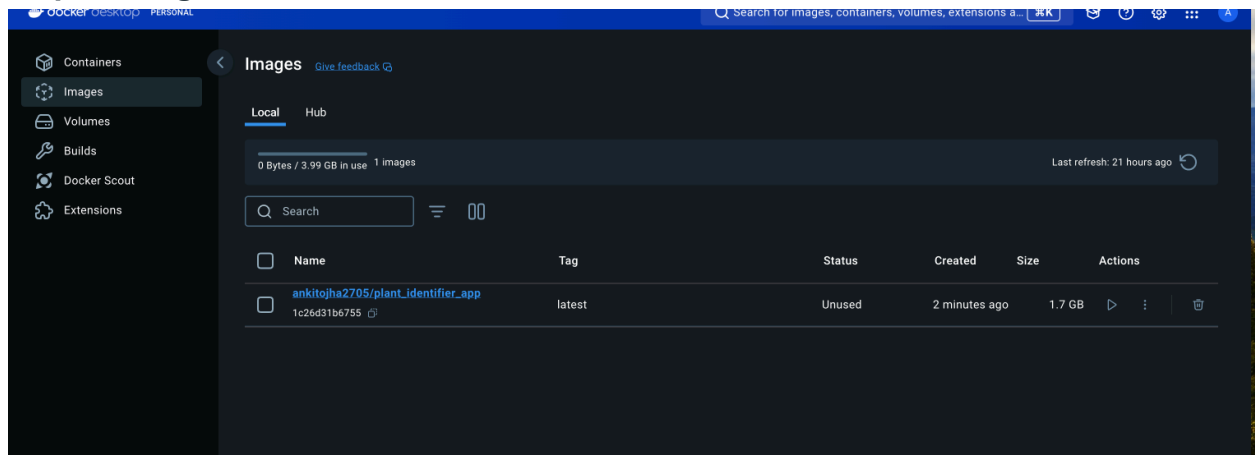


```
ankitojha@Ankits-MacBook-Pro plant-identifiernew % docker build -t ankitojha2705/plant_identifier_app .
[*] Building 1.1s (11/11) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 552B
=> [internal] load metadata for docker.io/library/node:18
=> [auth] library/node:pull token for registry-1.docker.io
=> [internal] load .dockerignore
=> => transferring context: 128B
=> [1/5] FROM docker.io/library/node:18@sha256:ca87c82d13baf821ff5aadb3b48bcd1fcd454826266ac313ce858676e8c1548
=> [internal] load build context
=> => transferring context: 218.44kB
=> CACHED [2/5] WORKDIR /usr/src/app
=> CACHED [3/5] COPY package*.json ./
=> CACHED [4/5] RUN npm install
=> [5/5] COPY . .
=> exporting to image
=> exporting layers
=> writing image sha256:1c26d31b67558f603a4a2d876c84ff7b059de87fc6fcd86ee08e910ace6bb67b
=> naming to docker.io/ankitojha2705/plant_identifier_app

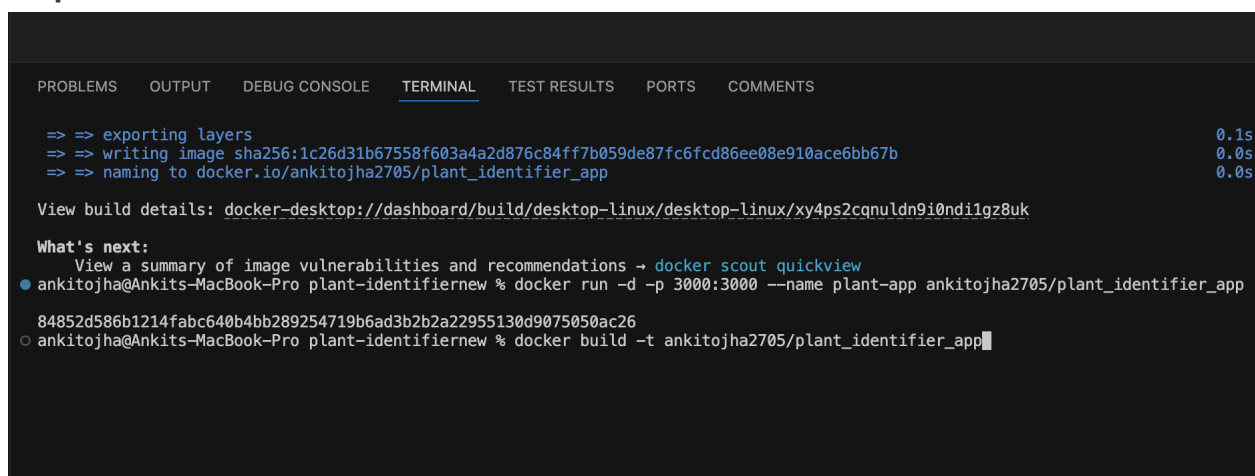
View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/xy4ps2cqnuldn9i0ndi1gz8uk

What's next:
```

## Step 2: Image Created

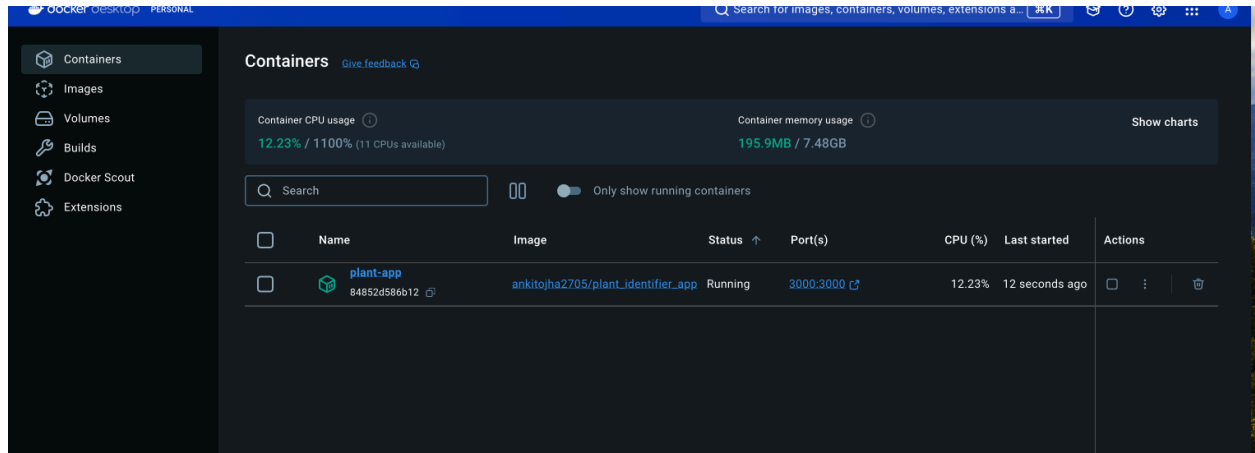


## Step 3: Docker Run



```
ankitojha@Ankits-MacBook-Pro plant-identifiernew % docker run -d -p 3000:3000 --name plant-app ankitojha2705/plant_identifier_app
```

## Step 4: Container Created



## Step 5: Application Running

