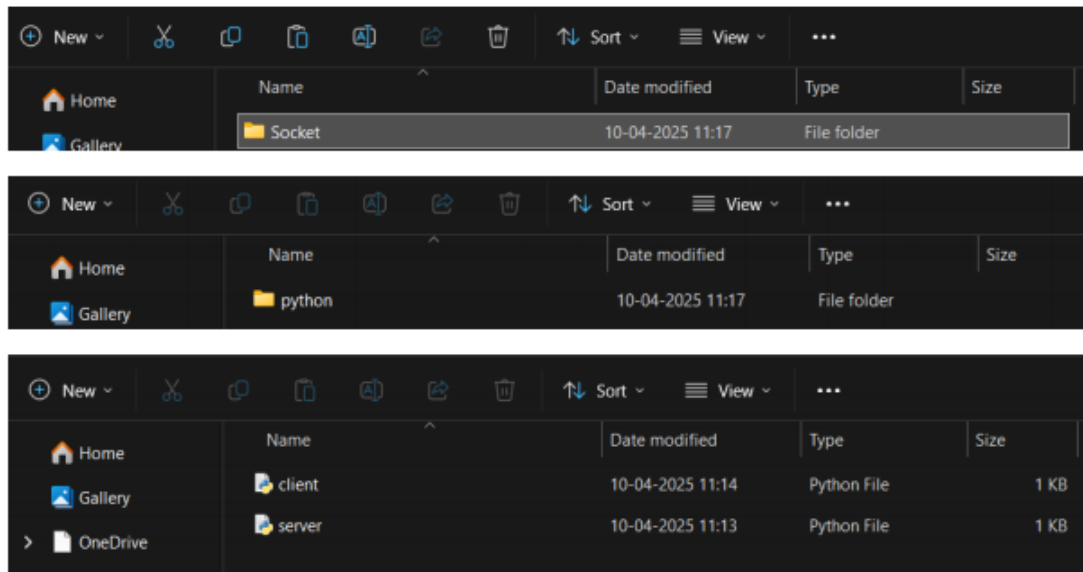


CAPSTONE

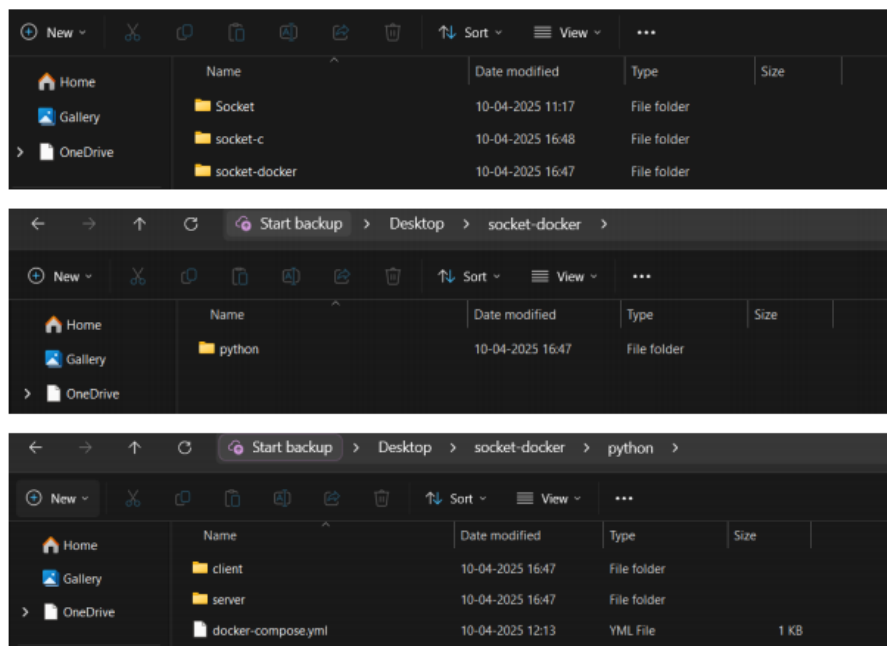
Name: Swayam Pradhan

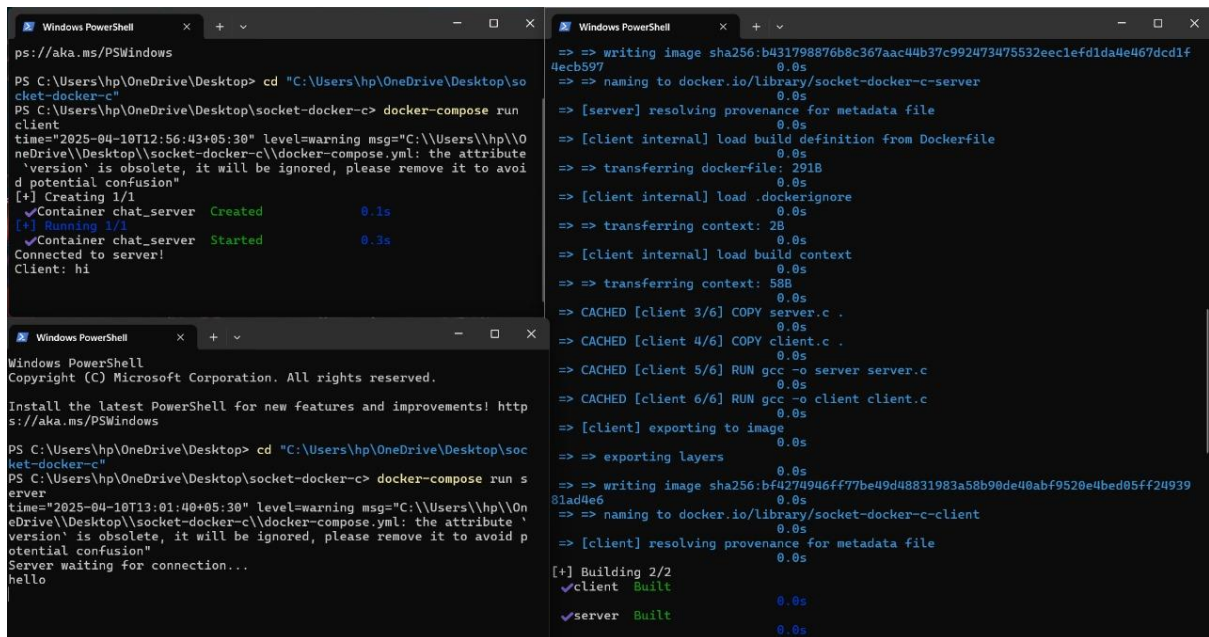
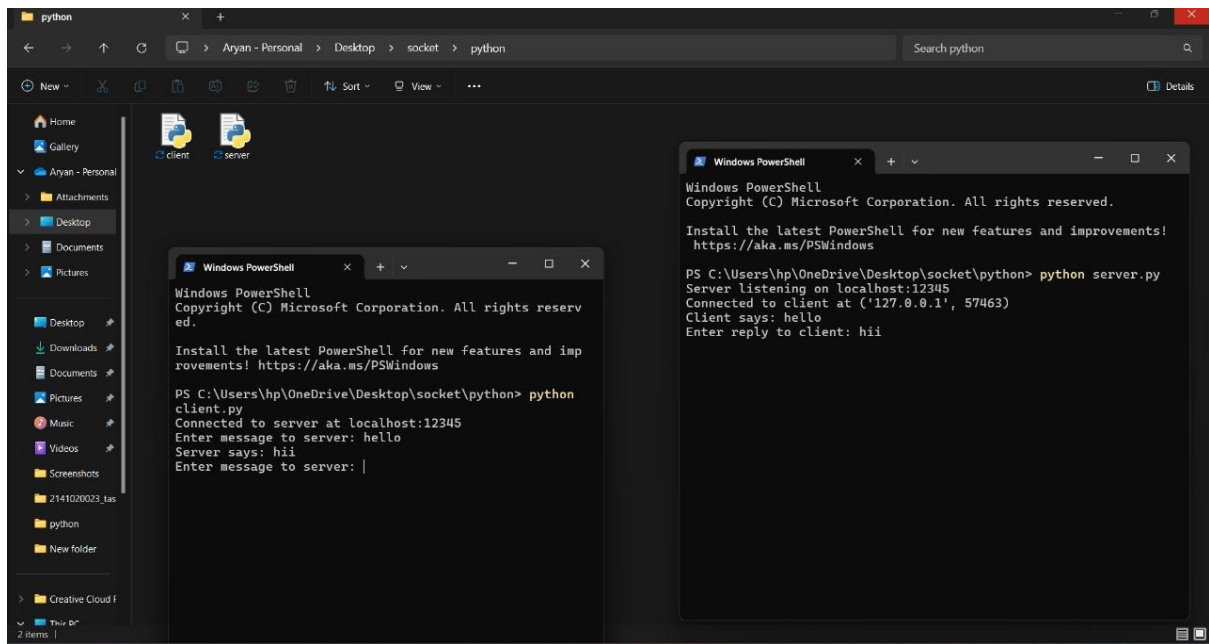
Regd no: 2141016281

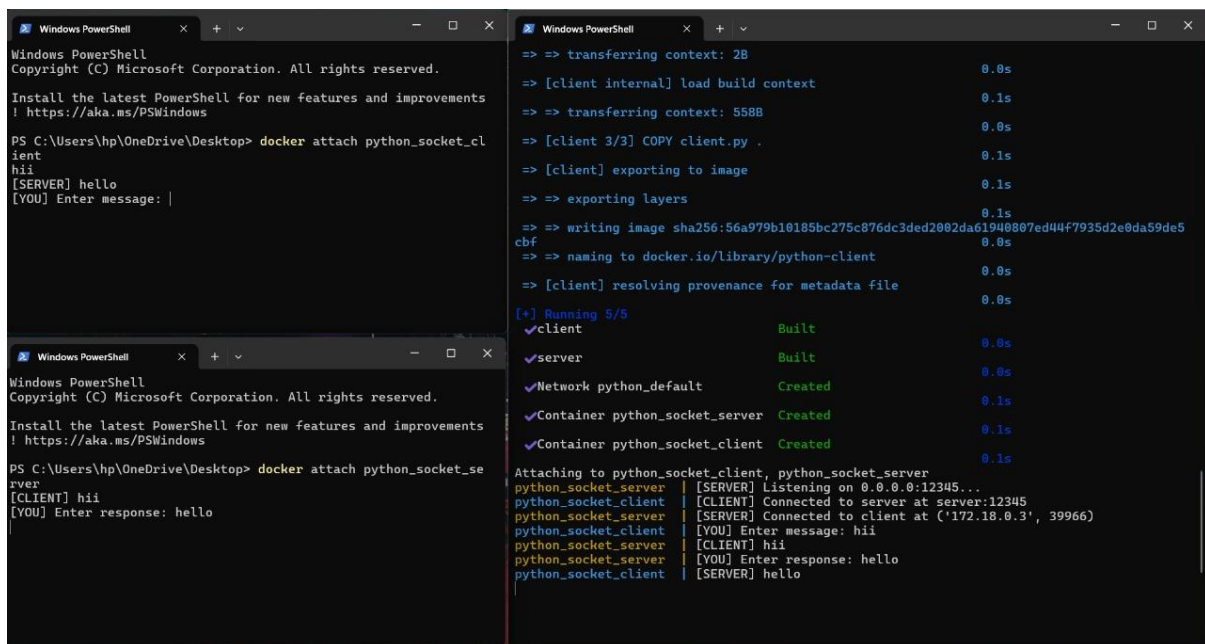
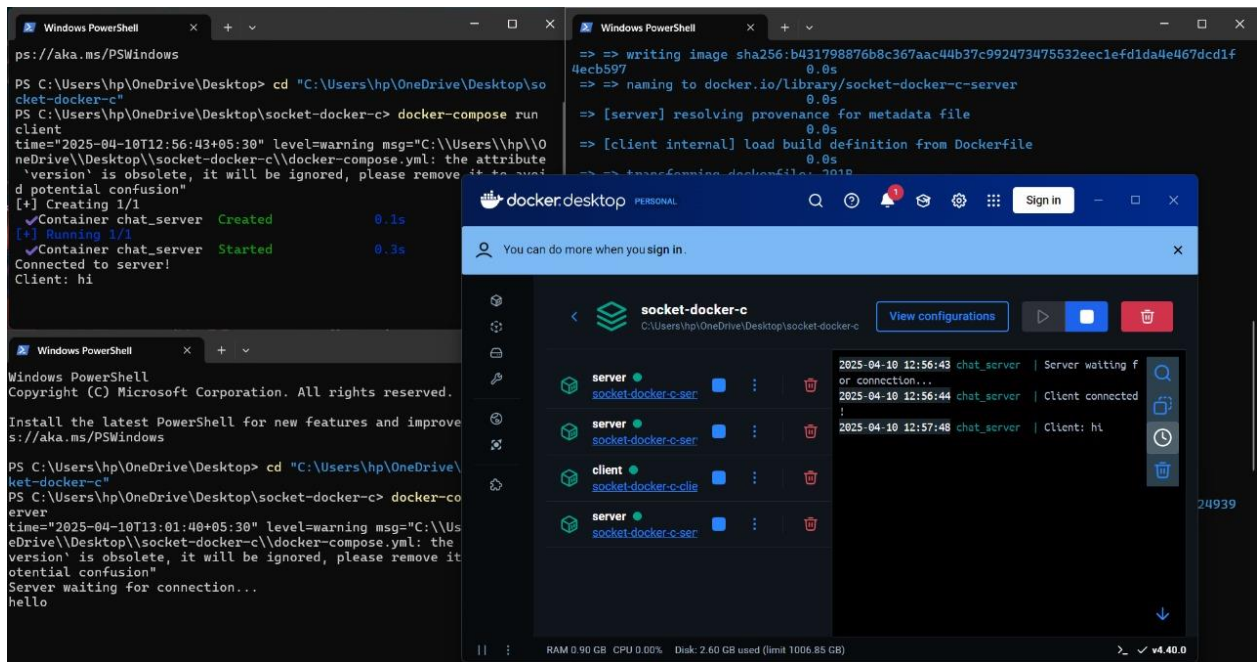
Socket-Locket/Python



Socket-Docker/Python







Ask Gordon

Containers

Images

Volumes

Builds

Docker Hub

Docker Scout

Extensions

Images

View and manage your local and Docker Hub images. [Learn more](#)

Local

Docker Hub repositories

1 GB / 3 Bytes in use

4 images

Last refresh: 21 hours ago

Q Search

	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	python-client	latest	363f1016388d	37 minutes ago	1 GB	▶ ⋮ 🗑
<input type="checkbox"/>	python-server	latest	35796dc79645	37 minutes ago	1 GB	▶ ⋮ 🗑
<input type="checkbox"/>	python	latest	285e872b452	2 days ago	1.01 GB	▶ ⋮ 🗑
<input type="checkbox"/>	hello-world	latest	74c54e27dc4	3 months ago	10.07 KB	▶ ⋮ 🗑

Showing 4 items

Walkthroughs

1. intro video

2. how to setup up

3. how to push

4. how to pull

How do I run a container?

5 mins

Run Docker Hub images

5 mins

[View more in the Learning center](#)

Ask Gordon

Containers

Images

Volumes

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Docker Hub

Docker Scout

Extensions

Containers

View all your running containers and applications. [Learn more](#)

Container CPU usage

0.00% / 1400% (14 CPUs available)

Container memory usage

7.89MB / 7.33GB

[Show charts](#)

Q Search

☐ Only show running containers

	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
<input type="checkbox"/>	python	-	-	-	0%	5 minutes ago	▶ ⋮ 🗑

Showing 1 item

Walkthroughs

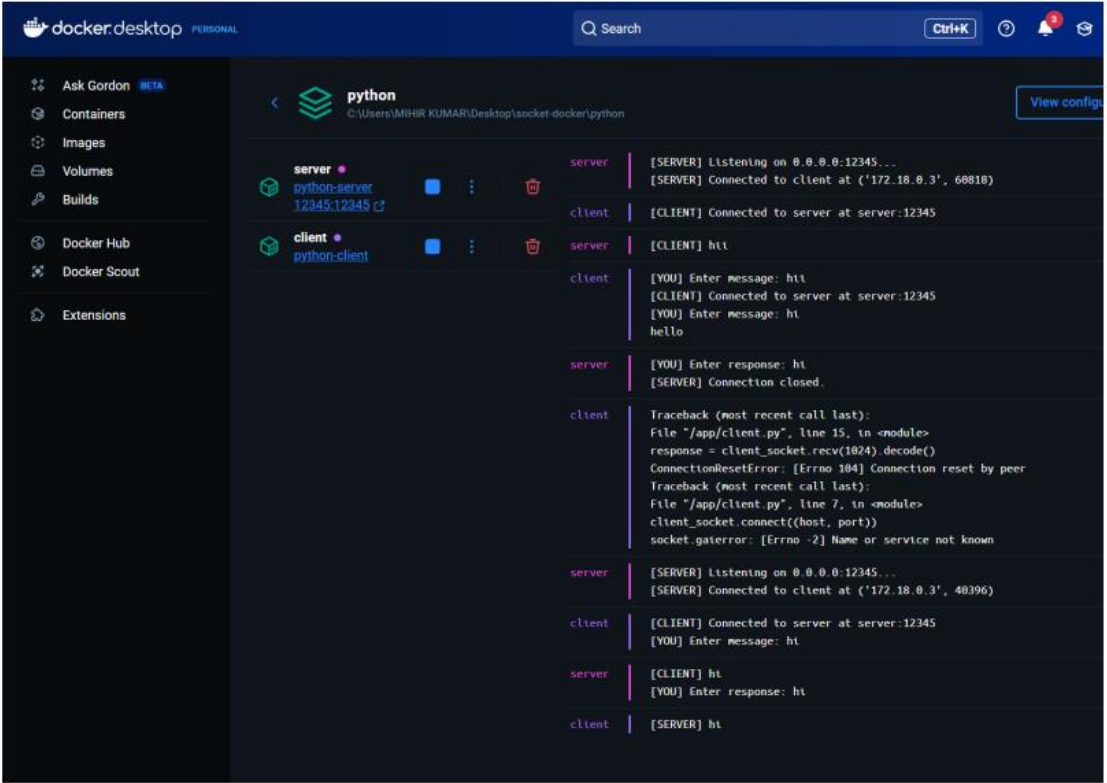
Multi-container applications

8 mins

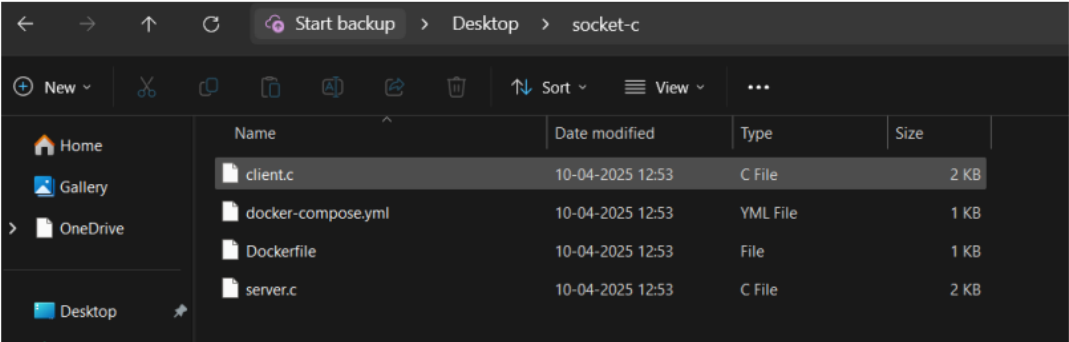
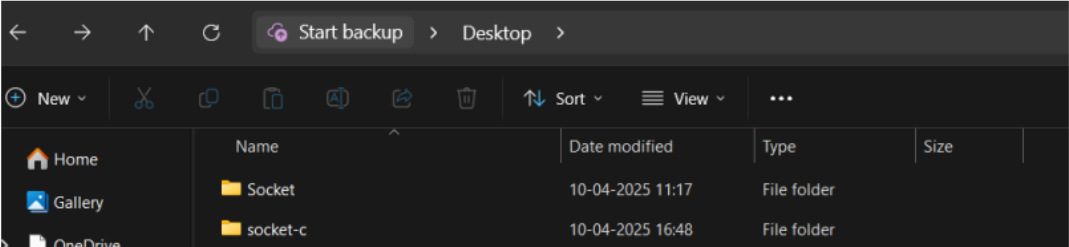
Containerize your application

3 mins

[View more in the Learning center](#)



Socket-Docker/C




```
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\MIHIR KUMAR\Desktop\socket-c> docker-compose run client
time="2025-04-10T12:59:54+05:30" level=warning msg="C:\\Users\\MIHIR KUMAR\\Desktop\\socket-c\\docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion"
[+] Creating 1/1
  Container chat_server  Running
Client: hi

=> sha256:a0fcfad35b187f556943bae42047e6b09c6a79788921825df88a820773ec8ecb 2.81MB / 2.81MB
=> sha256:8b77cd7514d65ebffdfc56971b896c1e9f0067d45e9ffcf96a76802cbd596d6 9.61kB / 9.61kB
=> sha256:ea589c0b318435eaaa443207f64cbb47ec482575de53c1b3ad00642ab59c4b4 1.78kB / 1.78kB
=> extracting sha256:a0fcfad35b187f556943bae42047e6b09c6a79788921825df88a820773ec8ecb 0.1s
=> extracting sha256:e4dd9c082dd2bb0fbb6delf18a350e5c0aeabcc16e0fa702c1aba0c09c9936cd 2.7s
=> extracting sha256:8b77cd7514d65ebffdfc56971b896c1e9f0067d45e9ffcf96a76802cbd596d6 0.0s
=> extracting sha256:ea589c0b318435eaaa443207f64cbb47ec482575de53c1b3ad00642ab59c4b4 0.0s
=> [server internal] load build context
=> transferring context: 2.93kB
=> [server auth] library/gcc:pull token for registry-1.docker.io
=> CACHED [client 2/6] WORKDIR /app
=> [server 3/6] COPY server.c .
=> [server 4/6] COPY client.c .
=> [server 5/6] RUN gcc -o server server.c
=> [server 6/6] RUN gcc -o client client.c
=> [server] exporting to image
=> exporting layers
=> writing image sha256:01ffcb914712c5af092d6ce8c63ea91ca880e3439de929a8174fbcf8f6ce5162 0.0s
=> naming to docker.io/library/socket-c-server
=> [server] resolving provenance for metadata file
=> [client internal] load build definition from Dockerfile
=> transferring dockerfile: 291B
```

