Dashboard [Jenki × | M Internship Offer × | Devops_Guvi_No × | NIDHARSAN-V/ × | NIDHARSAN-V/ × | PrasanndhRaaju × | Git Branch and × | ⊕ Welcome to ngi × +

localhost:32768

Import favorites | McAfee Security Dell

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

---

docker desktop PERSONAL

Q Search: nginx   Ctrl+K

Containers   Give feedback

View all your running containers and applications. Learn more

Container CPU usage   Container memory usage   Show charts
0.00% / 1600% (16 CPUs available)   12.89MB / 7.43GB

Q Search   Only show running containers

		Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions		
☐	○	hungry_lamport	062f62a496cf	library/img1docker		0%	19 hours ago	▷	⋮	🗑
☐	○	nervous_buck	2e173571e47f	library/img1docker		0%	20 hours ago	▷	⋮	🗑
☐	○	zealous_brown	dc58ec45025b	library/img1docker		0%	20 hours ago	▷	⋮	🗑
☐	○	ecstatic_turing	0aa535ab0102	ubuntu		0%	14 days ago	▷	⋮	🗑
☐	●	admiring_dijkstra	ee28deb699b7	53a18edff809	32768:80	0%	2 minutes ago	◼	⋮	🗑

Showing 5 items

Containers
Images
Volumes
Builds

Docker Hub
Docker Scout

Extensions

Terminal   + ∨   ×

```
REPOSITORY   TAG      IMAGE ID       CREATED        SIZE
img1docker   latest   889707b33221   19 hours ago   520MB
ubuntu       latest   a04dc4851cbc   7 weeks ago    78.1MB
PS C:\Users\Prasanndh Raaju> docker images
REPOSITORY   TAG      IMAGE ID       CREATED        SIZE
img1docker   latest   889707b33221   20 hours ago   520MB
nginx        latest   53a18edff809   5 weeks ago    192MB
ubuntu       latest   a04dc4851cbc   7 weeks ago    78.1MB
PS C:\Users\Prasanndh Raaju> docker run -itd -P 53a18edff809
ee28deb699b7eb61f323f2a8e9d7085119137cbcd6457d593f69df5ae8f534b1
PS C:\Users\Prasanndh Raaju>
```

Windo...   ×

Engine running   ‖ ⋮   RAM 1.10 GB CPU 0.13%   Disk: 2.10 GB used (limit 1006.85 GB)   >_ Terminal   ⓘ New version available

Q Search   Ctrl+K

Containers   Give feedback

View all your running containers and applications. Learn more

Container CPU usage   Container memory usage   Show charts
No containers are running.   No containers are running.

Q Search   Only show running containers

		Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
☐	○	hungry_lamport	062f62a496cf	library/img1docker		N/A	19 hours ago	▷ ⋮ 🗑
☐	○	nervous_buck	2e173571e47f	library/img1docker		N/A	19 hours ago	▷ ⋮ 🗑
☐	○	zealous_brown	dc58ec45025b	library/img1docker		N/A	19 hours ago	▷ ⋮ 🗑
☐	○	ecstatic_turing	0aa535ab0102	ubuntu		N/A	14 days ago	▷ ⋮ 🗑

Showing 4 items

Walkthroughs   ✕

Terminal   + ∨   ✕

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\Users\Prasanndh Raaju> docker images
REPOSITORY   TAG      IMAGE ID       CREATED       SIZE
img1docker   latest   889707b33221   19 hours ago  520MB
ubuntu       latest   a04dc4851cbc   7 weeks ago   78.1MB
PS C:\Users\Prasanndh Raaju>
```
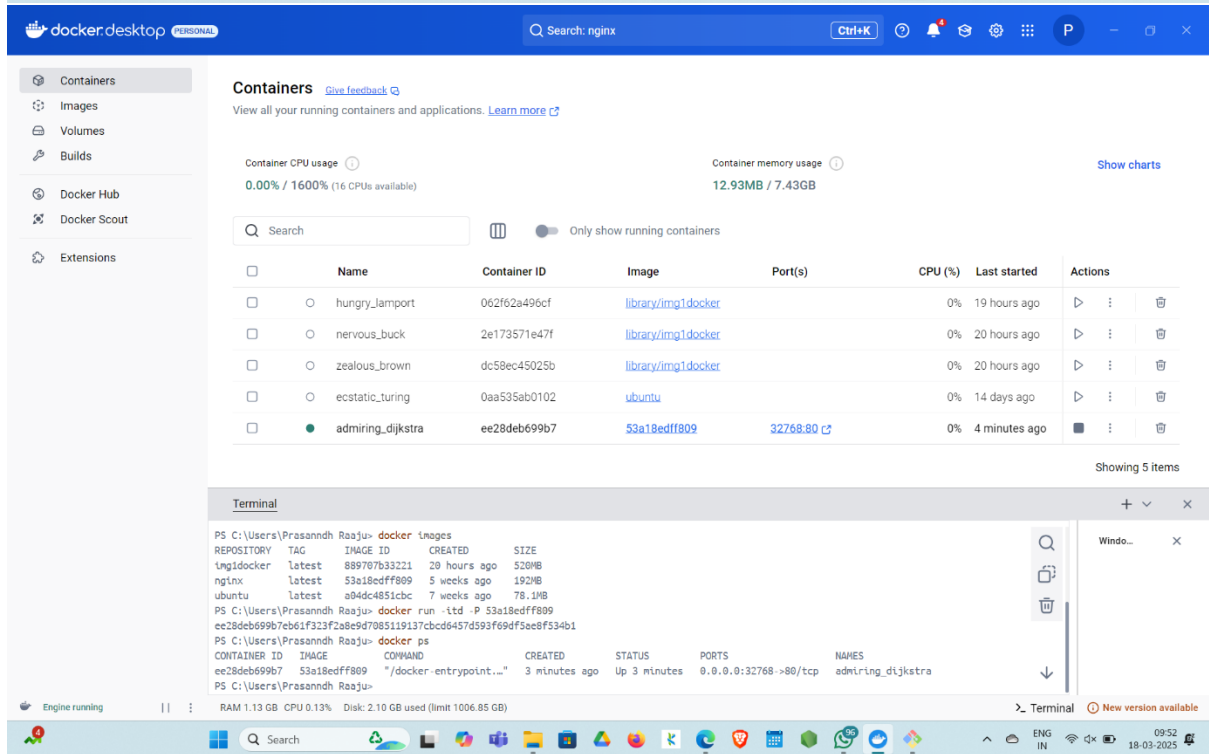
Windo...   ✕

Resource Saver mode   ▷ ⋮   RAM 0.74 GB CPU 0.81% Disk: 1.91 GB used (limit 1006.85 GB)   >_ Terminal   ⓘ New version available

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Q Search: nginx   Ctrl+K

Containers   Give feedback

View all your running containers and applications. Learn more

Container CPU usage   Container memory usage   Show charts
0.00% / 1600% (16 CPUs available)   12.93MB / 7.43GB

Q Search   Only show running containers

		Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
☐	○	hungry_lamport	062f62a496cf	library/img1docker		0%	19 hours ago	▷ ⋮ 🗑
☐	○	nervous_buck	2e173571e47f	library/img1docker		0%	20 hours ago	▷ ⋮ 🗑
☐	○	zealous_brown	dc58ec45025b	library/img1docker		0%	20 hours ago	▷ ⋮ 🗑
☐	○	ecstatic_turing	0aa535ab0102	ubuntu		0%	14 days ago	▷ ⋮ 🗑
☐	●	admiring_dijkstra	ee28deb699b7	53a18edff809	32768:80	0%	4 minutes ago	■ ⋮ 🗑

Showing 5 items

Terminal   + ∨   ✕

```
PS C:\Users\Prasanndh Raaju> docker images
REPOSITORY   TAG      IMAGE ID       CREATED       SIZE
img1docker   latest   889707b33221   20 hours ago  520MB
nginx        latest   53a18edff809   5 weeks ago   192MB
ubuntu       latest   a04dc4851cbc   7 weeks ago   78.1MB
PS C:\Users\Prasanndh Raaju> docker run -itd -P 53a18edff809
ee28deb699b7eb61f323f2a8e9d7085119137cbcd6457d593f69df5ae8f534b1
PS C:\Users\Prasanndh Raaju> docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED         STATUS         PORTS                    NAMES
ee28deb699b7   53a18edff809   "/docker-entrypoint…"    3 minutes ago   Up 3 minutes   0.0.0.0:32768->80/tcp    admiring_dijkstra
PS C:\Users\Prasanndh Raaju>
```

Windo...   ✕

Engine running || ⋮   RAM 1.13 GB CPU 0.13% Disk: 2.10 GB used (limit 1006.85 GB)   >_ Terminal   ⓘ New version available

Software Development Life Cycle (SDLC)

SDLC is a structured approach to software development, ensuring quality and efficiency. It consists of several phases:

1. Requirement Analysis – Gather and analyze project needs.

2. Planning – Define scope, cost, and timeline.

3. Design – Create architectural and UI/UX designs.

4. Development – Write and implement the code.

5. Testing – Identify and fix bugs, ensuring quality.

6. Deployment – Release the software to production.

7. Maintenance – Provide updates and fixes post-deployment.

Docker

Docker is a containerization platform that allows developers to package applications and dependencies into lightweight, portable containers. It ensures consistency across environments, making deployment faster and more reliable.

Jenkins

Jenkins is an open-source automation tool for continuous integration and continuous delivery (CI/CD). It automates building, testing, and deploying applications, improving development efficiency.

Docker Nginx

Docker Nginx refers to running the Nginx web server inside a Docker container. Nginx is commonly used as a reverse proxy, load balancer, or web server, ensuring efficient handling of web traffic in containerized applications.

Docker Commands:

```
docker ps
docker run -itd -P <img_id>
docker images
docker ls
docker cp <s.f> <c.i>:<path>
docker exec -it containerid bin/bash
```