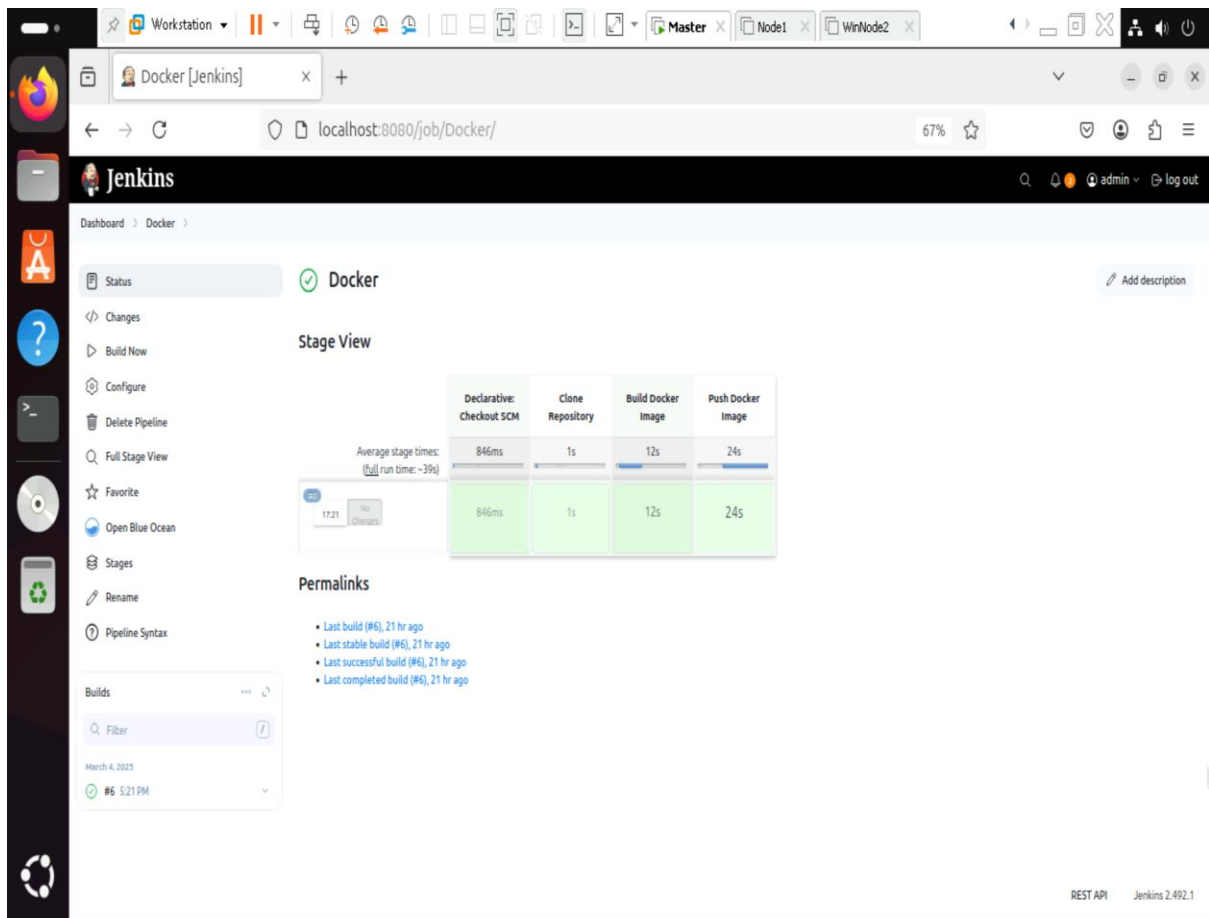


Deploy a Python Flask App using Docker



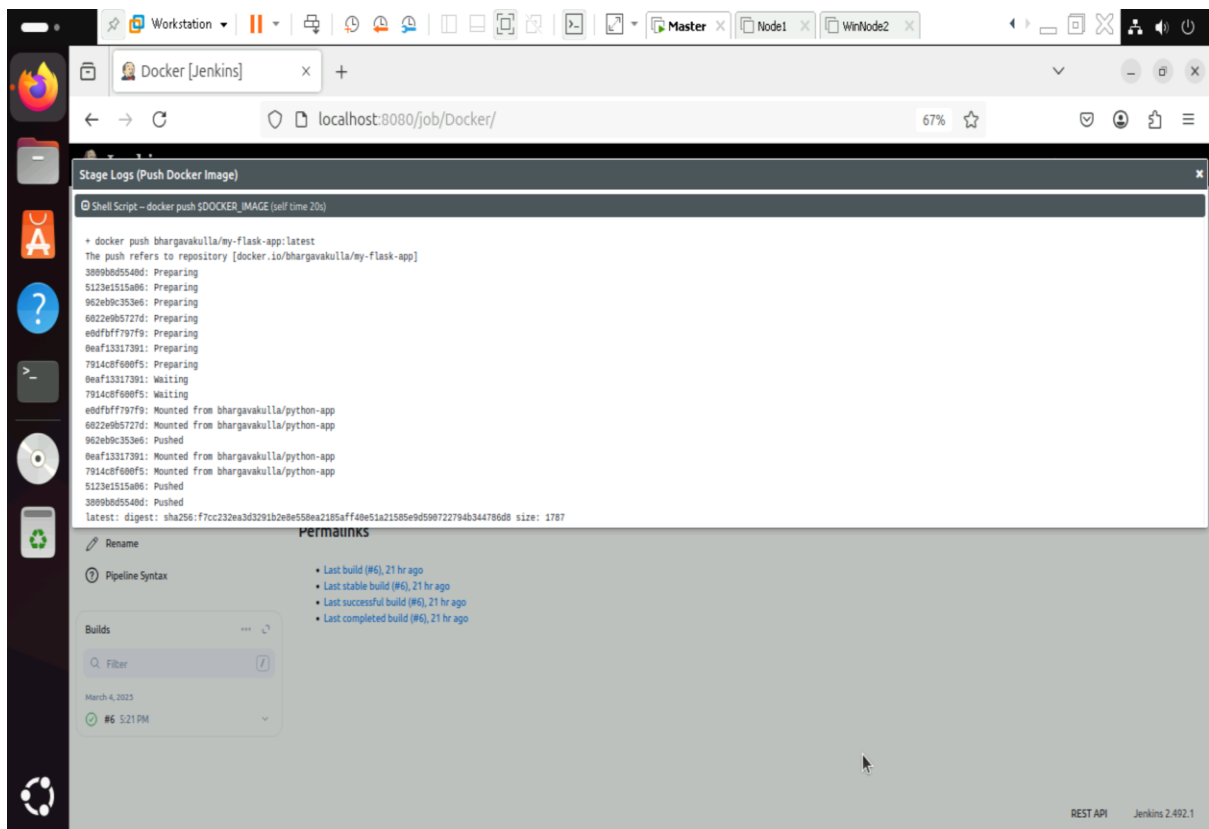
The screenshot shows the Jenkins web interface for a pipeline named 'Docker'. The left sidebar contains navigation links: Dashboard, Docker, Status, Changes, Build Now, Configure, Delete Pipeline, Full Stage View, Favorite, Open Blue Ocean, Stages, Rename, and Pipeline Syntax. The main content area displays the 'Stage View' for the 'Docker' pipeline. It shows a table of stages and their durations:

Stage	Declarative: Checkout SCM	Clone Repository	Build Docker Image	Push Docker Image
Average stage times: (Full run time: ~39s)	846ms	1s	12s	24s
1721 No Changes	846ms	1s	12s	24s

Below the table, there are 'Permalinks' for the build:

- Last build (#6), 21 hr ago
- Last stable build (#6), 21 hr ago
- Last successful build (#6), 21 hr ago
- Last completed build (#6), 21 hr ago

The bottom of the dashboard shows the 'Builds' section with a filter and a list of builds. The current build is #6, dated March 4, 2023, at 5:21 PM. The bottom right corner indicates 'REST API' and 'Jenkins 2.492.1'.



The screenshot shows the 'Stage Logs (Push Docker Image)' for the Jenkins pipeline. The logs display the output of the 'docker push' command, showing the image being pushed to the repository. The logs include the following information:

```
docker push bhargavakulla/my-flask-app:latest
The push refers to repository [docker.io/bhargavakulla/my-flask-app]
3809b0d5540d: Preparing
5123e1515a06: Preparing
962eb0c353e6: Preparing
6022e9b5727d: Preparing
e0dfbf7797f9: Preparing
0eaf13317391: Preparing
7914c8f606f5: Preparing
0eaf13317391: Waiting
7914c8f606f5: Waiting
e0dfbf7797f9: Mounted from bhargavakulla/python-app
6022e9b5727d: Mounted from bhargavakulla/python-app
962eb0c353e6: Pushed
0eaf13317391: Mounted from bhargavakulla/python-app
7914c8f606f5: Mounted from bhargavakulla/python-app
5123e1515a06: Pushed
3809b0d5540d: Pushed
latest: digest: sha256:f7cc232ea3d3291b2e0e550ea2185aff40e51a21585e9d590722794b344786d8 size: 1787
```

Below the logs, there are 'Permalinks' for the build:

- Last build (#6), 21 hr ago
- Last stable build (#6), 21 hr ago
- Last successful build (#6), 21 hr ago
- Last completed build (#6), 21 hr ago

The bottom of the logs section shows the 'Builds' section with a filter and a list of builds. The current build is #6, dated March 4, 2023, at 5:21 PM. The bottom right corner indicates 'REST API' and 'Jenkins 2.492.1'.

Workstation | Docker [Jenkins] | bhargavakulla/my-flask-app | Master | Node1 | WinNode2

https://hub.docker.com/repository/docker/bhargavakulla/my-flask-app/general

bhargavakulla/my-flask-app

Last pushed about 21 hours ago • Repository size: 50.9 MB

[Add a description](#) [Add a category](#)

Docker commands [Public view](#)

To push a new tag to this repository:

```
docker push bhargavakulla/my-flask-app:tag name
```

General | Tags | Image Management **BETA** | Builds | Collaborators | Webhooks | Settings

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
latest		Image	less than 1 day	about 21 hours

[See all](#)

Automated builds

Manually pushing images to Docker Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

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[Upgrade](#)

Repository overview **INCOMPLETE**

Workstation | Docker [Jenkins] | bhargavakulla/my-flask-app | Bhargavakulla/simple_docker | Master | Node1 | WinNode2

https://github.com/Bhargavakulla/simple_docker

Bhargavakulla / simple_docker

Code | Issues | Pull requests | Actions | Projects | Wiki | Security | Insights | Settings

simple_docker

main | 1 Branch | 0 Tags

Go to file

About

No description, website, or topics provided.

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[Activity](#)

[0 stars](#)

[1 watching](#)

[0 forks](#)

Releases

No releases published

[Create a new release](#)

Packages

Commits

Commit	Message	Time
0d40379	Update Jenkinsfile	yesterday
[file icon]	Create Dockerfile	yesterday
[file icon]	Update Jenkinsfile	yesterday
[file icon]	Initial commit	yesterday
[file icon]	Create app.py	yesterday
[file icon]	Create requirements.txt	yesterday

README

Deploy an Nginx Web Server with Docker

The image shows a desktop environment with a Ubuntu-style interface. The top panel displays the 'Activities' button and several application icons. The main window is a web browser with multiple tabs. The active tab is 'Portainer | local', showing the 'Container list' page. The browser's address bar shows 'localhost:9000/#/3/docker/containers'. The Portainer interface includes a sidebar with navigation options like 'Home', 'Dashboard', 'Templates', 'Stacks', 'Containers', 'Images', 'Networks', 'Volumes', 'Events', 'Host', 'Administration', 'User-related', 'Environment-related', and 'Registries'. The 'Containers' section is selected, displaying a table of running containers. The table has columns for Name, State, Quick Actions, Stack, Image, Created, IP Address, and Published Ports. Three containers are listed: 'custom-nginx', 'my-nginx', and 'portainer'. Below the table, there is a 'Welcome to nginx!' message and instructions for further configuration.

Containers

Container list

Containers Search... Start Stop Kill Restart Pause Resume Remove Add container

Name	State	Quick Actions	Stack	Image	Created	IP Address	Published Ports
custom-nginx	running		-	nginx	2025-03-05 09:22:39	172.17.0.4	8081:80
my-nginx	running		-	nginx	2025-03-05 09:14:53	172.17.0.3	8080:80
portainer	running		-	portainer/portainer-ce	2025-03-04 12:52:51	172.17.0.2	9000:9000

Items per page 10

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.

