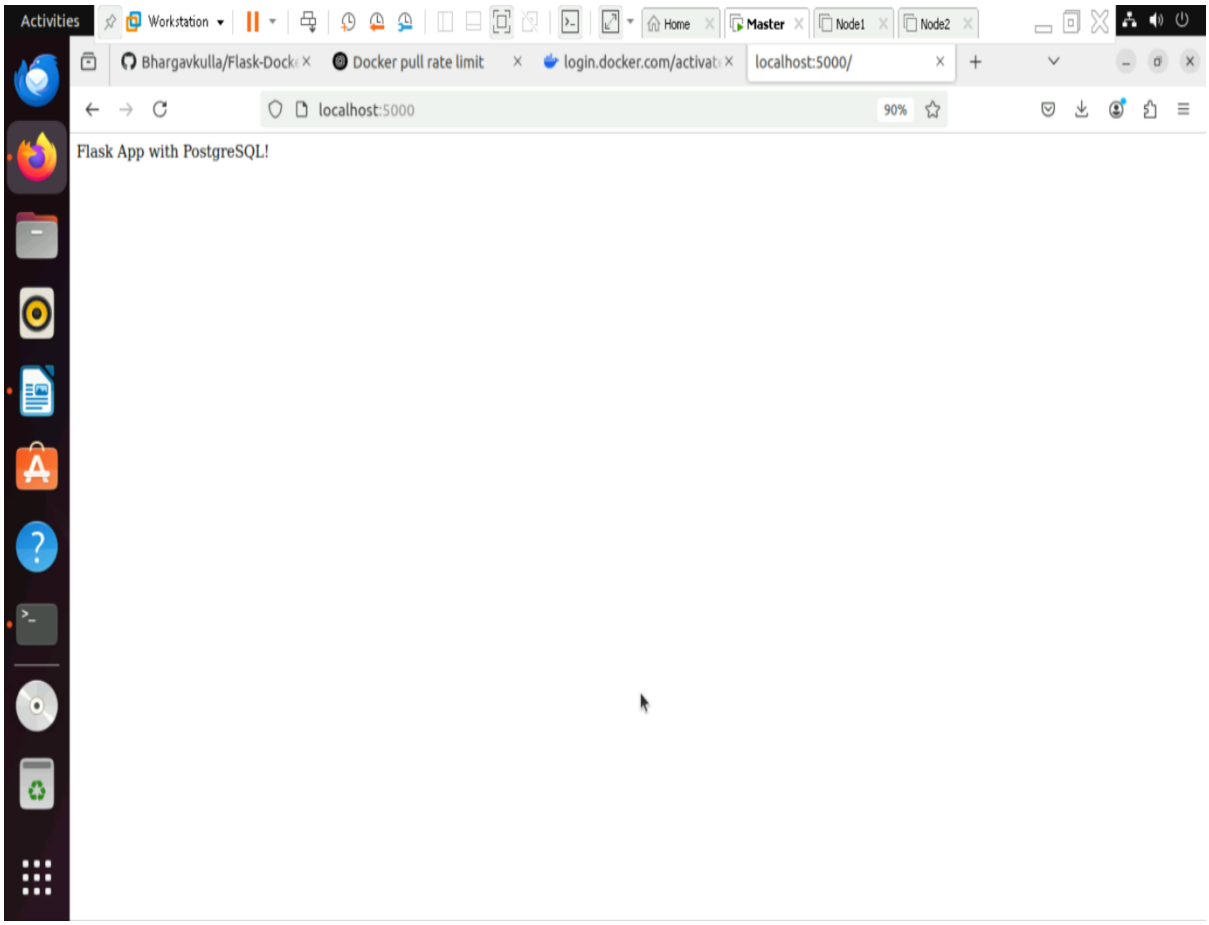
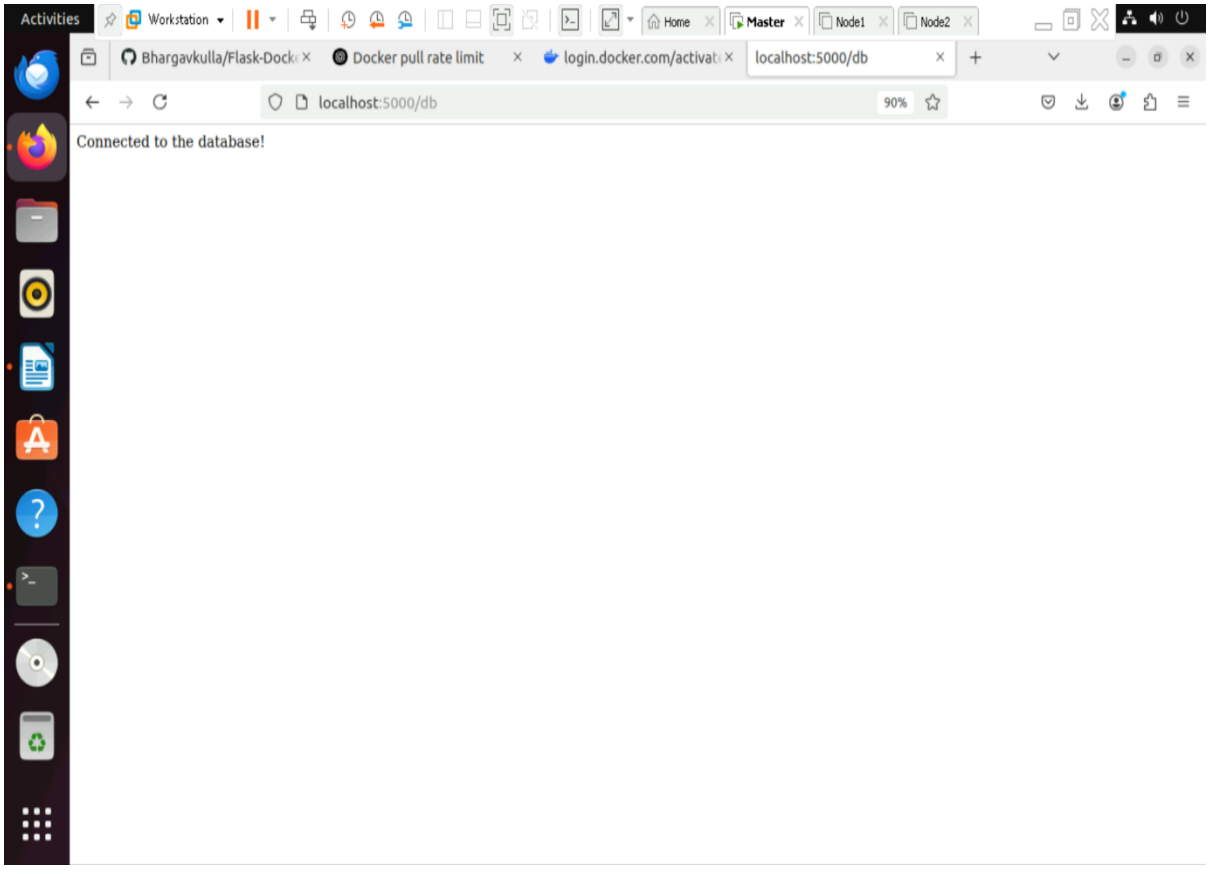
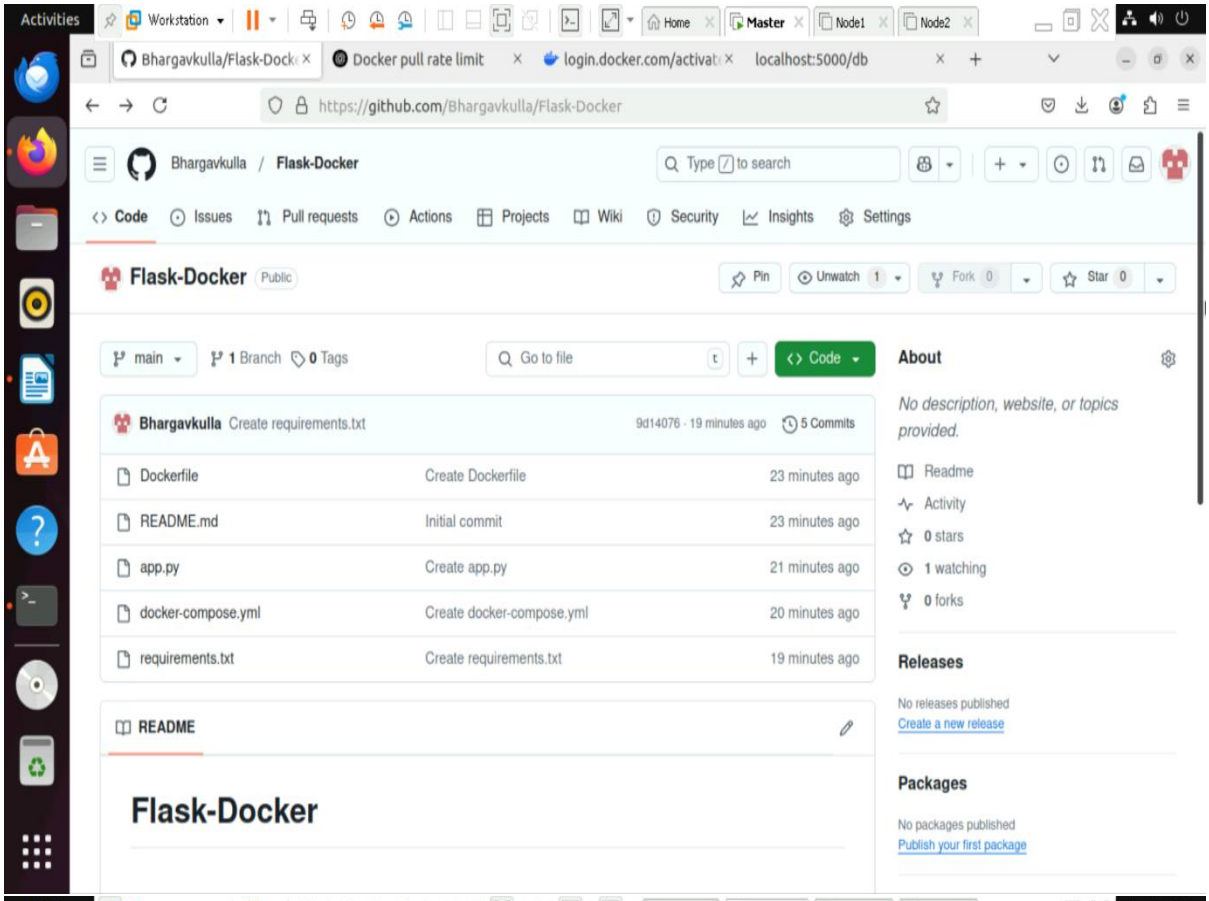
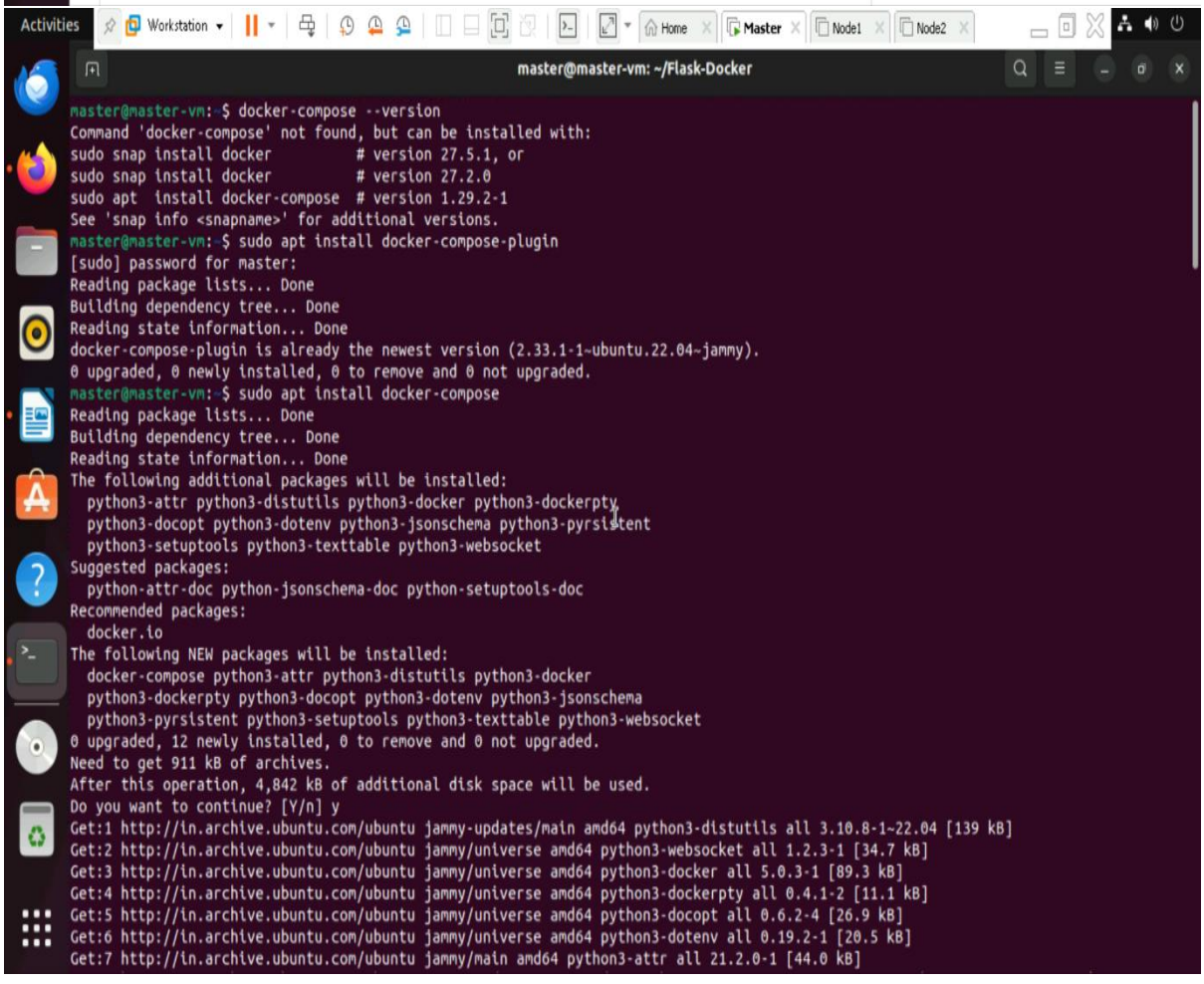
Setup a Multi-Container Application With Docker Compose

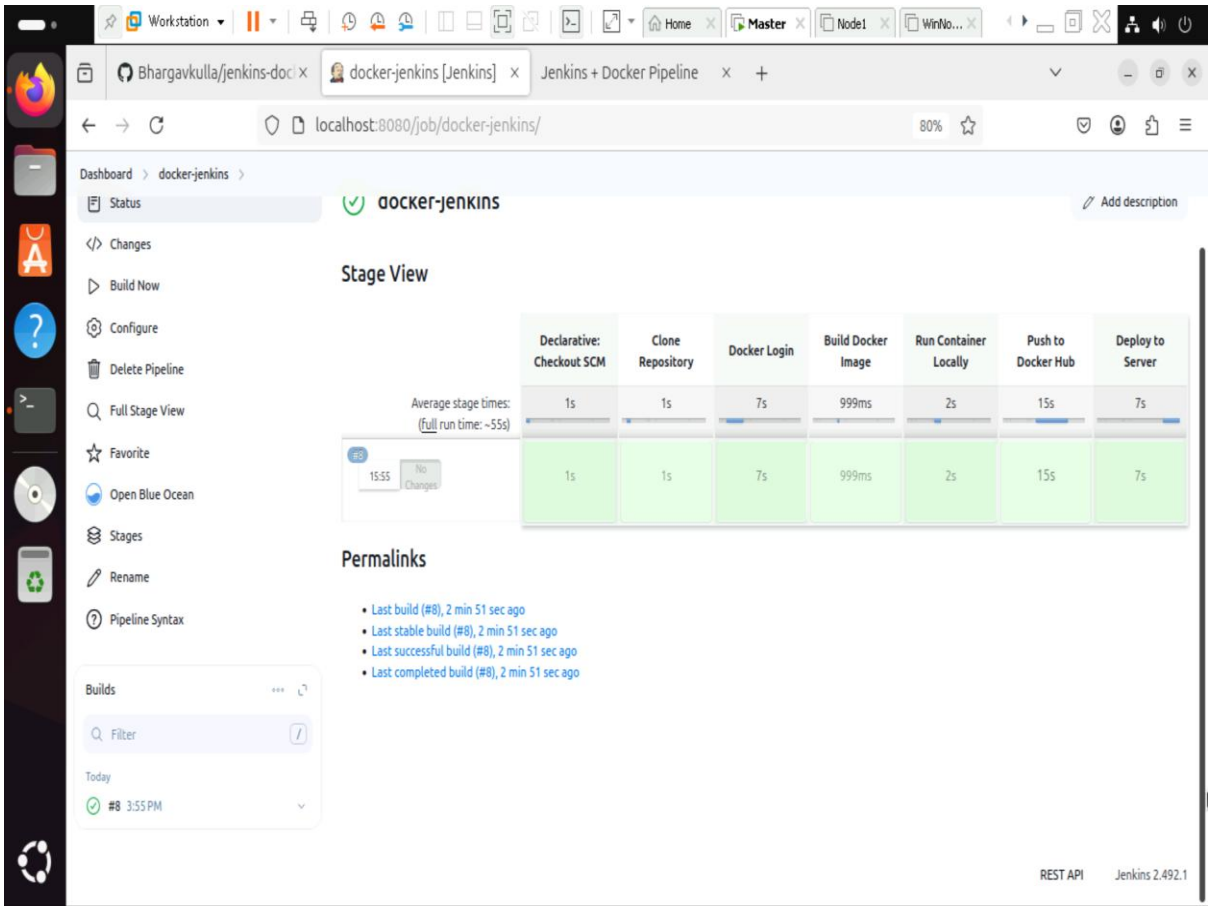


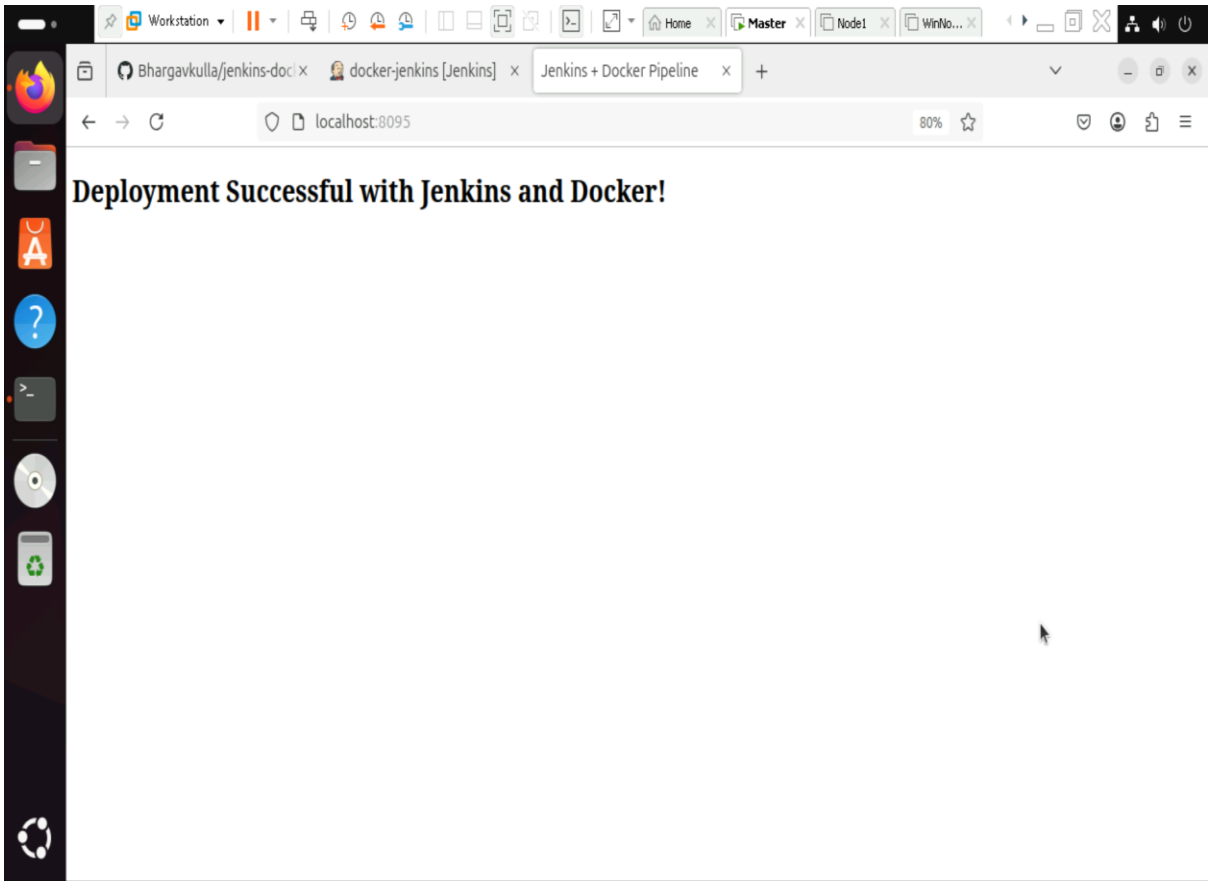


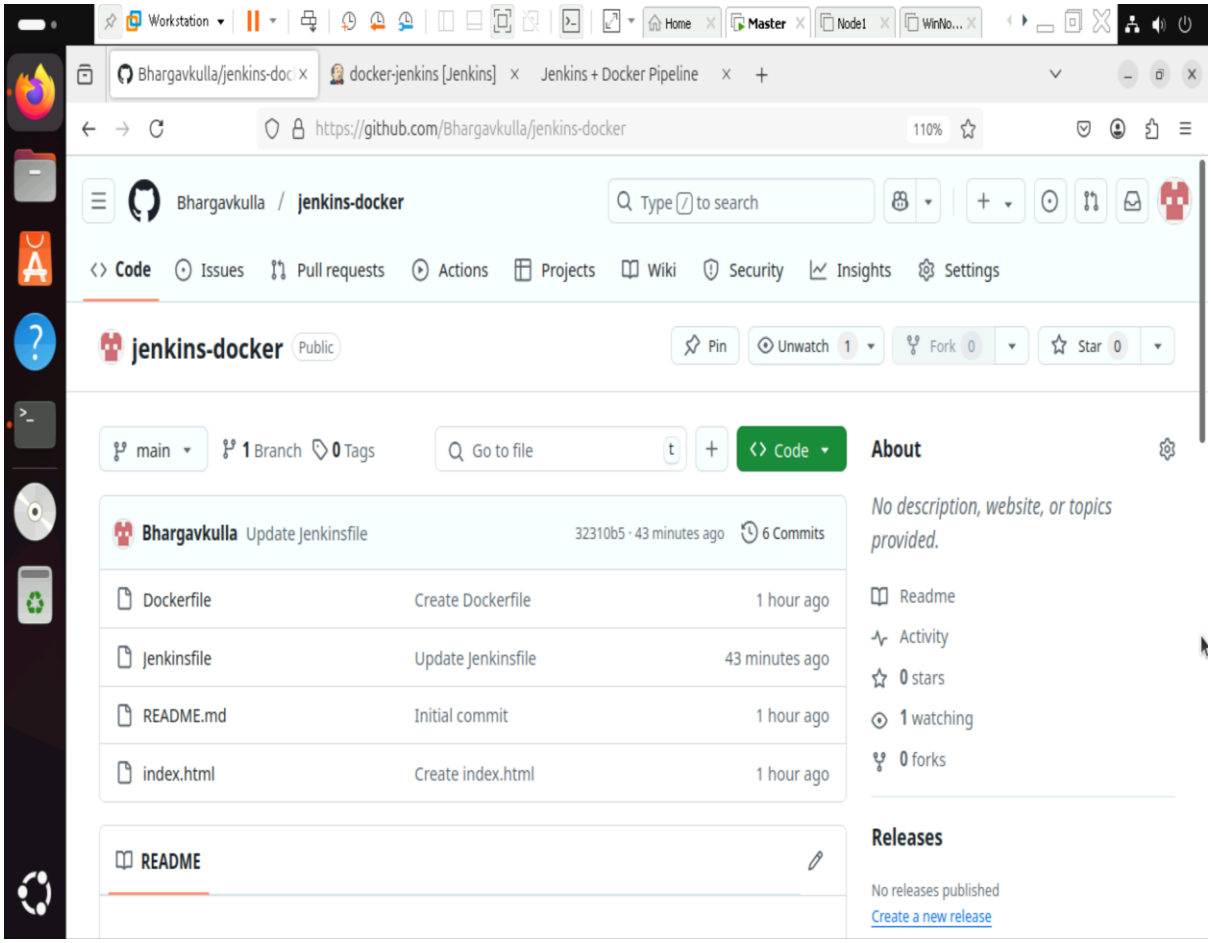

Activities
Workstation
Home
Master
Node1
Node2
Bhargavkulla/Flask-Dock
Docker pull rate limit
login.docker.com/activat
localhost:5000/db
https://github.com/Bhargavkulla/Flask-Docker
Bhargavkulla / Flask-Docker
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Flask-Docker
Public
Pin
Unwatch 1
Fork 0
Star 0
main
1 Branch
0 Tags
Go to file
Code
About
No description, website, or topics provided.
Readme
Activity
0 stars
1 watching
0 forks
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package
Bhargavkulla Create requirements.txt
9d14076 · 19 minutes ago
5 Commits
Dockerfile
Create Dockerfile
23 minutes ago
README.md
Initial commit
23 minutes ago
app.py
Create app.py
21 minutes ago
docker-compose.yml
Create docker-compose.yml
20 minutes ago
requirements.txt
Create requirements.txt
19 minutes ago
README
Flask-Docker

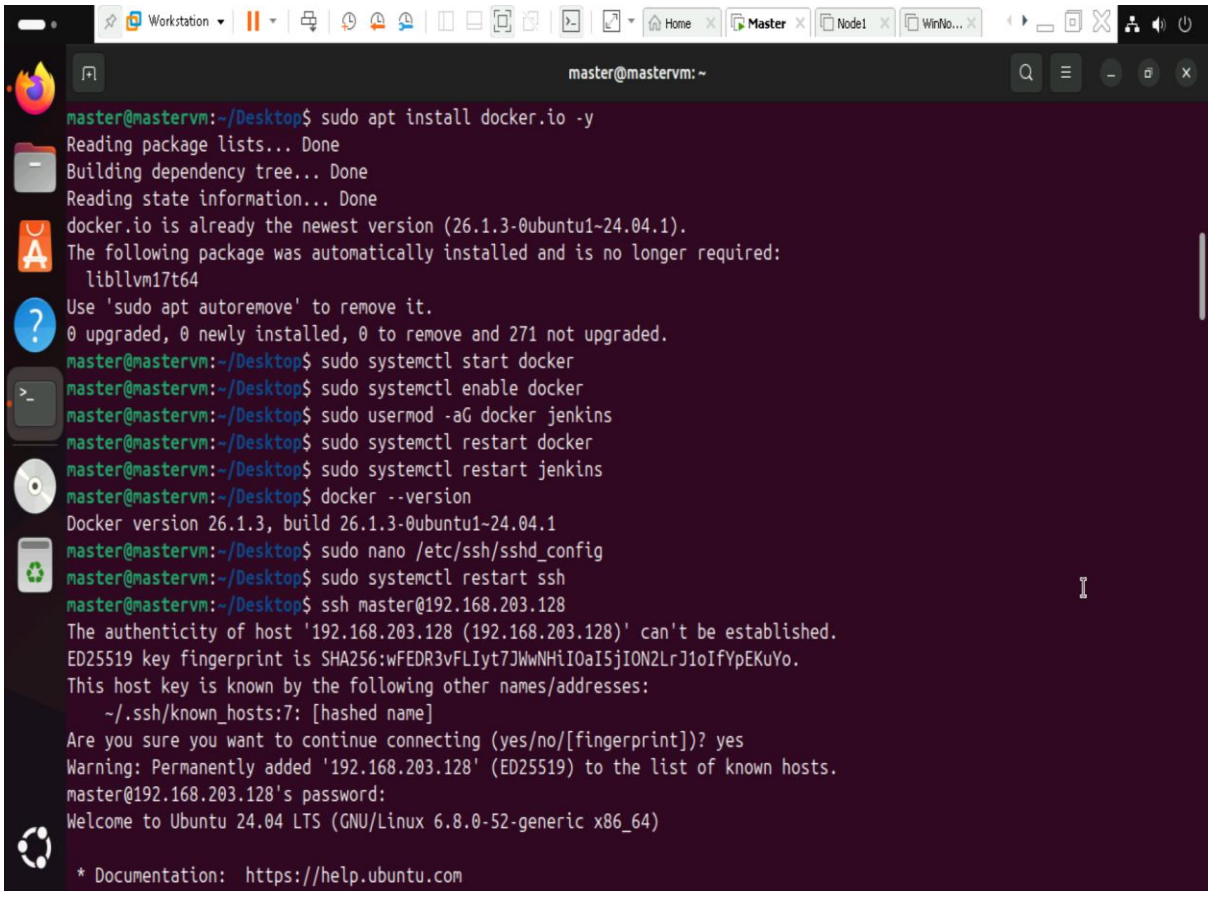

Activities
Workstation
Home
Master
Node1
Node2
master@master-vm: ~/Flask-Docker
master@master-vm:~$ docker-compose --version
Command 'docker-compose' not found, but can be installed with:
sudo snap install docker   # version 27.5.1, or
sudo snap install docker   # version 27.2.0
sudo apt install docker-compose # version 1.29.2-1
See 'snap info <snapname>' for additional versions.
master@master-vm:~$ sudo apt install docker-compose-plugin
[sudo] password for master:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker-compose-plugin is already the newest version (2.33.1-1~ubuntu.22.04~jammy).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
master@master-vm:~$ sudo apt install docker-compose
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  python3-attr python3-distutils python3-docker python3-dockerpty
  python3-docopt python3-dotenv python3-jsonschema python3-pyrsistent
  python3-setuptools python3-texttable python3-websocket
Suggested packages:
  python-attr-doc python-jsonschema-doc python-setuptools-doc
Recommended packages:
  docker.io
The following NEW packages will be installed:
  docker-compose python3-attr python3-distutils python3-docker
  python3-dockerpty python3-docopt python3-dotenv python3-jsonschema
  python3-pyrsistent python3-setuptools python3-texttable python3-websocket
0 upgraded, 12 newly installed, 0 to remove and 0 not upgraded.
Need to get 911 kB of archives.
After this operation, 4,842 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://in.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-distutils all 3.10.8-1~22.04 [139 kB]
Get:2 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-websocket all 1.2.3-1 [34.7 kB]
Get:3 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-docker all 5.0.3-1 [89.3 kB]
Get:4 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-dockerpty all 0.4.1-2 [11.1 kB]
Get:5 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-docopt all 0.6.2-4 [26.9 kB]
Get:6 http://in.archive.ubuntu.com/ubuntu jammy/universe amd64 python3-dotenv all 0.19.2-1 [20.5 kB]
Get:7 http://in.archive.ubuntu.com/ubuntu jammy/main amd64 python3-attr all 21.2.0-1 [44.0 kB]

Jenkins + Docker Pipeline






Bhargavkulla / jenkins-docker
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
jenkins-docker
Public
Pin
Unwatch 1
Fork 0
Star 0
main
1 Branch
0 Tags
Go to file
Code
About
No description, website, or topics provided.
Bhargavkulla Update Jenkinsfile
32310b5 · 43 minutes ago
6 Commits
Dockerfile Create Dockerfile 1 hour ago
Jenkinsfile Update Jenkinsfile 43 minutes ago
README.md Initial commit 1 hour ago
index.html Create index.html 1 hour ago
README
Readme
Activity
0 stars
1 watching
0 forks
Releases
No releases published
Create a new release


master@mastervm: ~
master@mastervm:~/Desktop$ sudo apt install docker.io -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker.io is already the newest version (26.1.3-0ubuntu1~24.04.1).
The following package was automatically installed and is no longer required:
libllvm17t64
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 271 not upgraded.
master@mastervm:~/Desktop$ sudo systemctl start docker
master@mastervm:~/Desktop$ sudo systemctl enable docker
master@mastervm:~/Desktop$ sudo usermod -aG docker jenkins
master@mastervm:~/Desktop$ sudo systemctl restart docker
master@mastervm:~/Desktop$ sudo systemctl restart jenkins
master@mastervm:~/Desktop$ docker --version
Docker version 26.1.3, build 26.1.3-0ubuntu1~24.04.1
master@mastervm:~/Desktop$ sudo nano /etc/ssh/sshd_config
master@mastervm:~/Desktop$ sudo systemctl restart ssh
master@mastervm:~/Desktop$ ssh master@192.168.203.128
The authenticity of host '192.168.203.128 (192.168.203.128)' can't be established.
ED25519 key fingerprint is SHA256:wFEDR3vFLIyt7JWwNHiIOaI5jION2LrJ1oIfYpEKuYo.
This host key is known by the following other names/addresses:
~/.ssh/known_hosts:7: [hashed name]
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.203.128' (ED25519) to the list of known hosts.
master@192.168.203.128's password:
Welcome to Ubuntu 24.04 LTS (GNU/Linux 6.8.0-52-generic x86_64)
* Documentation: https://help.ubuntu.com