

TASK 2

Step 1: Open Jenkins and click "**New Item.**"

Step 2: Enter a project name, select "**Pipeline,**" then click **OK.**

Step 3: In the **General** tab, scroll down to the "**Pipeline**" section.

Step 4: Under "**Definition,**" select "**Pipeline script from SCM.**"

Step 5: In the **SCM** field, choose "**Git,**" then enter your GitHub repository URL.

Step 6: Ensure your GitHub repository contains the following files:

- app.py (Application code)
- Dockerfile (Instructions to build the Docker image)
- docker-compose.yml (For container orchestration)
- Jenkinsfile (Defines the pipeline stages)
- requirements.txt (Dependencies for the application)

Step 7: Click "**Save**" to apply the configuration.

Step 8: On the project page, click "**Build Now**" to start the job.

Step 9: The build status will appear in the **Build History** panel (left-side panel).

Step 10: Click on the latest build (#1, #2, etc.) and select "**Console Output**" to view logs and results.

✔️ < Build #12

▶ Rebuild

📄 Console

⚙️ Configure

Pipeline

Start

Checkout SCM

Checkout Code

Build Docker Im...

Login to Docker ...

Push Image to D...

Deploy using D...

Post Actions

End

Details

👤 Manually run by Kaviyavikashini M

🕒 Started 4 min 57 sec ago

⌚ Queued 4 ms

🕒 Took 35 sec

Jenkins 2.492.2

✔️ < Build #12

▶ Rebuild

👁️ Overview

⚙️ Configure

⋮

Success 4 min 35 sec ago in 35 sec

- ✔️ Checkout SCM
- ✔️ Checkout Code
- ✔️ Build Docker Image
- ✔️ Login to Docker Registry
- ✔️ Push Image to Docker Registry
- ✔️ Deploy using Docker Compose
- ✔️ Post Actions

Stage 'Post Actions'

🕒 Started 4 min 1 sec ago

⌚ Queued 0 ms

🕒 Took 71 ms

📄 Success

💻 Running on Jenkins

🔗 [View as plain text](#)

✔️ Pipeline executed successfully!

Print Message

0 Pipeline executed successfully!

Jenkins 2.492.2

Status

Changes

Console Output

Edit Build Information

Timings

Git Build Data

Pipeline Overview

Pipeline Console

Thread Dump

Pause/resume

Replay

Pipeline Steps

Workspaces

Previous Build

✓

Console Output

DownloadCopyView as plain text

Started by user Kaviyavikashini M

Obtained jenkinsfile from git <https://github.com/KaviyavikashiniMohanasundaram/Jenkins>

[Pipeline] Start of Pipeline

[Pipeline] node

Running on Jenkins in /var/lib/jenkins/workspace/t2

[Pipeline] {

[Pipeline] stage

[Pipeline] { (Declarative: Checkout SCM)

[Pipeline] checkout

Selected Git installation does not exist. Using Default

The recommended git tool is: NONE

using credential github

> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/t2/.git # timeout=10

Fetching changes from the remote Git repository

> git config remote.origin.url <https://github.com/KaviyavikashiniMohanasundaram/Jenkins> # timeout=10

Fetching upstream changes from <https://github.com/KaviyavikashiniMohanasundaram/Jenkins>

> git --version # timeout=10

> git --version # 'git version 2.43.0'

using GIT_ASKPASS to set credentials

> git fetch --tags --force --progress -- <https://github.com/KaviyavikashiniMohanasundaram/Jenkins> +refs/heads/*:refs/remotes/origin/* # timeout=10

chatgpt - Yahoo India Search R...x

Docker Compose Permission Fi...x


Linuxx

t2 #12 [Jenkins]x

+

localhost:8080/job/t2/12/

All Bookmarks

 **Jenkins**

log out

Dashboard > t2 > #12

Status

Changes

Console Output

Edit Build Information

Delete build '#12'

Timings

Git Build Data

Pipeline Overview

Pipeline Console

Restart from Stage

Replay

Pipeline Steps

Workspaces

Previous Build

✓ #12 (Mar 20, 2025, 5:02:22 AM)

Started by user [Kaviyavikashini M](#)

This run spent:

- 14 ms waiting;
- 35 sec build duration;
- 35 sec total from scheduled to completion.

git

Revision: e747231a3af7494f3fe5a48405cf717e1bfbd5cb

Repository: <https://github.com/KaviyavikashiniMohanasundaram/Jenkins>

- refs/remotes/origin/main

</>

No changes.

Add description

Keep this build forever

Started 4 min 8 sec ago

Took 35 sec

Search

ENG IN

10:36 20-03-2025