

```
master x slave x + v
ubuntu@ip-172-31-81-227:~$ java --version
openjdk 17.0.14 2025-01-21
OpenJDK Runtime Environment (build 17.0.14+7-Ubuntu-124.04)
OpenJDK 64-Bit Server VM (build 17.0.14+7-Ubuntu-124.04, mixed mode, sharing)
ubuntu@ip-172-31-81-227:~$ jenkins --version
2.503
ubuntu@ip-172-31-81-227:~$ |

ubuntu@ip-172-31-81-227:~$ git clone https://github.com/venkatesh1715/website.git
Cloning into 'website'...
remote: Enumerating objects: 8, done.
remote: Total 8 (delta 0), reused 0 (delta 0), pack-reused 8 (from 1)
Receiving objects: 100% (8/8), 82.69 KiB | 20.67 MiB/s, done.
Resolving deltas: 100% (1/1), done.
ubuntu@ip-172-31-81-227:~$ ls
jenkins.sh  website
ubuntu@ip-172-31-81-227:~$ rm jenkins.sh
rm: remove write-protected regular file 'jenkins.sh'? yes
ubuntu@ip-172-31-81-227:~$ ls
website
ubuntu@ip-172-31-81-227:~$ cd website/
ubuntu@ip-172-31-81-227:~/website$ ls
images  index.html
ubuntu@ip-172-31-81-227:~/website$ git branch
* master
ubuntu@ip-172-31-81-227:~/website$ |
```

venkatesh1715 / website

Code Pull requests Actions Projects Wiki Security Insights Settings

website Public  
forked from hshar/website

master 1 Branch 0 Tags

This branch is up to date with hshar/website:master.

Ubuntu modified

images final

index.html modified

README

Add a README

Local Codespaces

Clone

HTTPS SSH GitHub CLI

https://github.com/venkatesh1715/website.git

Clone using the web URL

Open with GitHub Desktop

Download ZIP

About

practice for jenkins

Activity

0 stars

0 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Languages

```
ubuntu@ip-172-31-81-227:~$ git clone https://github.com/venkatesh1715/website.git
Cloning into 'website'...
remote: Enumerating objects: 8, done.
remote: Total 8 (delta 0), reused 0 (delta 0), pack-reused 8 (from 1)
Receiving objects: 100% (8/8), 82.69 KiB | 20.67 MiB/s, done.
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ubuntu@ip-172-31-81-227:~$ ls
jenkins.sh  website
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ubuntu@ip-172-31-81-227:~$ ls
website
ubuntu@ip-172-31-81-227:~$ cd website/
ubuntu@ip-172-31-81-227:~/website$ ls
images  index.html
ubuntu@ip-172-31-81-227:~/website$ git branch
* master
ubuntu@ip-172-31-81-227:~/website$ sudo nano Dockerfile
ubuntu@ip-172-31-81-227:~/website$ cat Dockerfile
From ubuntu
RUN apt-get update -y
RUN apt-get install apache2 -y
ADD . /var/www/html
ENTRYPOINT apache2ctl -D FOREGROUND
ubuntu@ip-172-31-81-227:~/website$
```

```
master x slave x + v
ubuntu@ip-172-31-81-227:~$ rm jenkins.sh
rm: remove write-protected regular file 'jenkins.sh'? yes
ubuntu@ip-172-31-81-227:~$ ls
website
ubuntu@ip-172-31-81-227:~$ cd website/
ubuntu@ip-172-31-81-227:~/website$ ls
images index.html
ubuntu@ip-172-31-81-227:~/website$ git branch
* master
ubuntu@ip-172-31-81-227:~/website$ sudo nano Dockerfile
ubuntu@ip-172-31-81-227:~/website$ cat Dockerfile
From ubuntu
RUN apt-get update -y
RUN apt-get install apache2 -y
ADD . /var/www/html
ENTRYPOINT apachectl -D FOREGROUND
ubuntu@ip-172-31-81-227:~/website$ git add .
ubuntu@ip-172-31-81-227:~/website$ git commit -m "dockerfile"
[master 477fdda] dockerfile
Committer: Ubuntu <ubuntu@ip-172-31-81-227.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 5 insertions(+)
create mode 100644 Dockerfile
ubuntu@ip-172-31-81-227:~/website$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
ubuntu@ip-172-31-81-227:~/website$ |
```

```
master x slave x + v
ubuntu@ip-172-31-81-227:~/website$ git branch develop
ubuntu@ip-172-31-81-227:~/website$ git checkout develop
Switched to branch 'develop'
ubuntu@ip-172-31-81-227:~/website$ touch developfile
ubuntu@ip-172-31-81-227:~/website$ git add .
ubuntu@ip-172-31-81-227:~/website$ git commit -m "from develop branch"
[develop cbe5c6d] from develop branch
Committer: Ubuntu <ubuntu@ip-172-31-81-227.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 developfile
ubuntu@ip-172-31-81-227:~/website$ git push --all
Username for 'https://github.com': venkatesh1715
Password for 'https://venkatesh1715@github.com':
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 647 bytes | 647.00 KiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/venkatesh1715/website.git
  883b439..477fdda master -> master
* [new branch]      develop -> develop
ubuntu@ip-172-31-81-227:~/website$ |
```

master

slave

```
ubuntu@ip-172-31-92-84:~$ docker --version
Docker version 26.1.3, build 26.1.3-0ubuntu1-24.04.1
ubuntu@ip-172-31-92-84:~$ java --version
openjdk 17.0.14 2025-01-21
OpenJDK Runtime Environment (build 17.0.14+7-Ubuntu-124.04)
OpenJDK 64-Bit Server VM (build 17.0.14+7-Ubuntu-124.04, mixed mode, sharing)
ubuntu@ip-172-31-92-84:~$
```

Jenkins Case Study (2).pdf

Webhooks - Settings - venkatesh

Jenkins Java Upgrade

Instances | EC2 | us-east-1

job1 Config - Jenkins

Not secure | 35.173.191.152:8080/job/job1/configure

Other favorites

Jenkins

venkatesh

log out

Dashboard > job1 > Configuration

Configure

General

Source Code Management

Triggers

Environment

Build Steps

Post-build Actions

Enabled

Description

Plain text Preview

☐ Discard old builds ?

☒ GitHub project

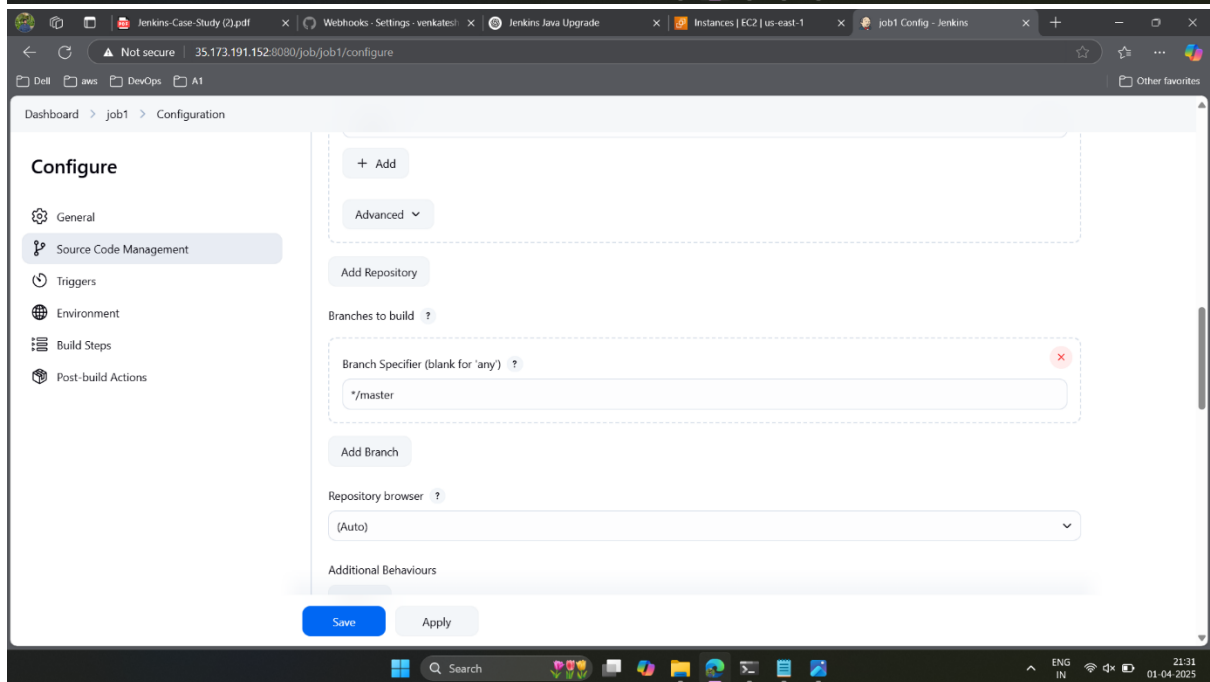
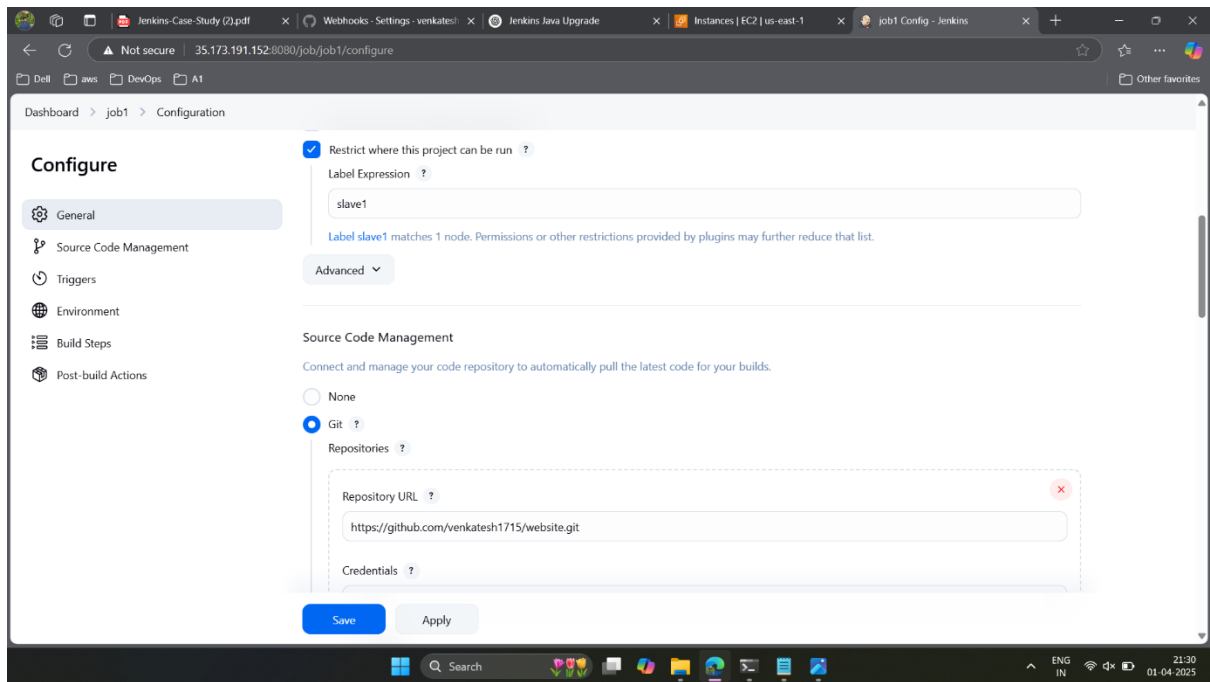
Project url ?

https://github.com/venkatesh1715/website.git

Advanced

Save

Apply



Dashboard > job1 > Configuration

## Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

Set up automated actions that start your build based on specific events, like code changes or scheduled times.

- ☐ Trigger builds remotely (e.g., from scripts) ?
- ☐ Build after other projects are built ?
- ☐ Build periodically ?
- ☒ GitHub hook trigger for GITScm polling ?
- ☐ Poll SCM ?

Environment

Configure settings and variables that define the context in which your build runs, like credentials, paths, and global parameters.

- ☐ Delete workspace before build starts
- ☐ Use secret text(s) or file(s) ?
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published build scans
- ☐ Terminate a build if it's stuck
- ☐ With Ant ?

[Save](#) [Apply](#)

Dashboard > job1 > Configuration

## Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

☐ With Ant ?

Build Steps

Automate your build process with ordered tasks like code compilation, testing, and deployment.

**Execute shell** ?

Command

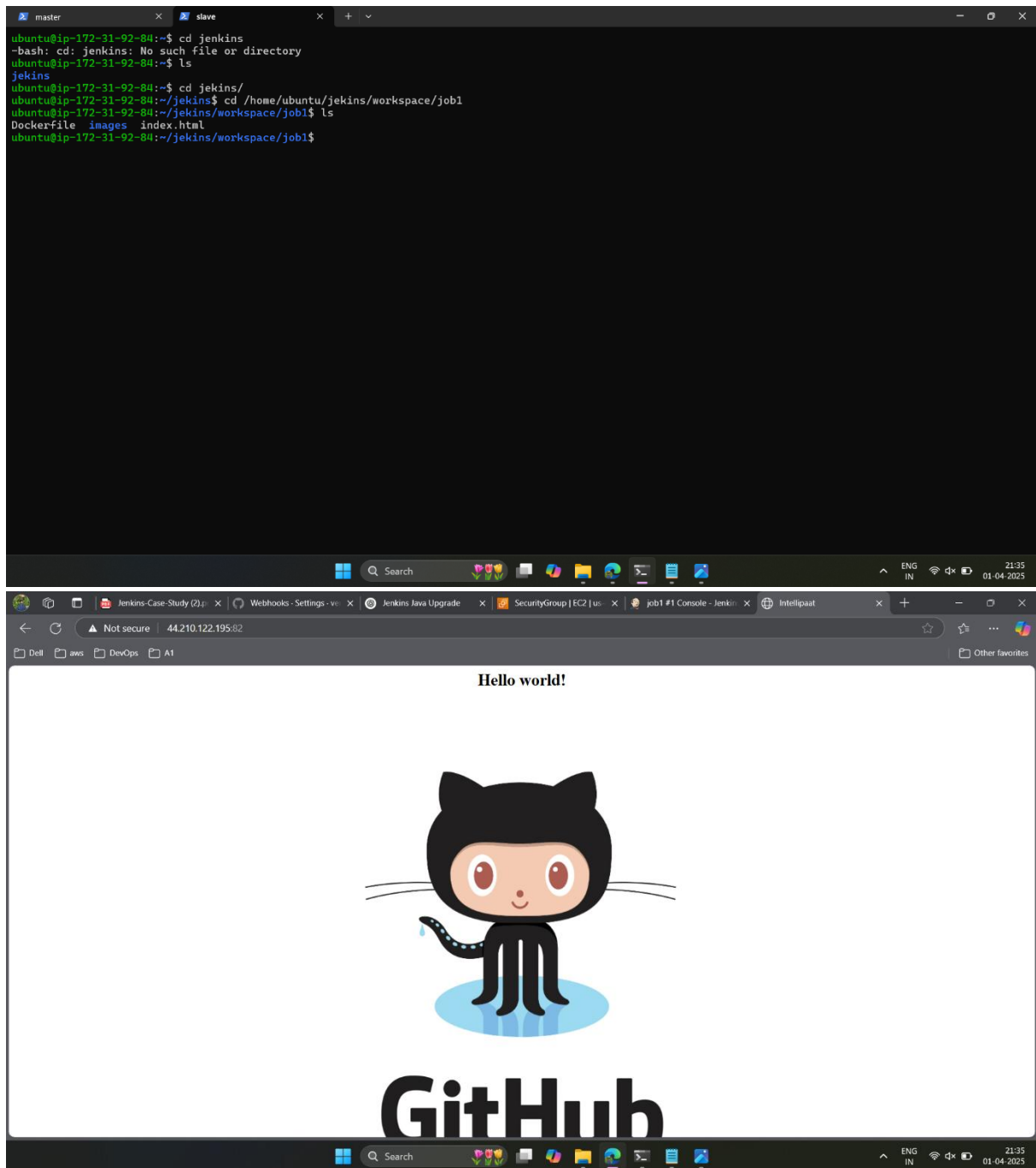
[See the list of available environment variables](#)

```
sudo docker build . -t image1  
sudo docker run -itd --name c1 -p 82:80 image1
```

[Advanced](#) ▾

[Add build step](#) ▾

[Save](#) [Apply](#)



Jenkins Case Study (2) x Webhooks - Settings - v Jenkins Java Upgrade x SecurityGroup | EC2 | us x job2 Config - Jenkins x Intelligaat x + - x

Not secure 35.173.191.152:8080/job/job2/configure

Dashboard > job2 > Configuration

### Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

### General

Enabled

Description

Plain text [Preview](#)

☐ Discard old builds ?

☒ GitHub project

Project url ?

<https://github.com/venkatesh1715/website.git/>

Advanced

Save Apply

Jenkins Case Study (2) x Webhooks - Settings - v Jenkins Java Upgrade x SecurityGroup | EC2 | us x job2 Config - Jenkins x Intelligaat x + - x

Not secure 35.173.191.152:8080/job/job2/configure

Dashboard > job2 > Configuration

### Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

☒ Restrict where this project can be run ?

Label Expression ?

[slave1](#)

[Label slave1 matches 1 node. Permissions or other restrictions provided by plugins may further reduce that list.](#)

Advanced

### Source Code Management

Connect and manage your code repository to automatically pull the latest code for your builds.

☐ None

☒ Git ?

Repositories ?

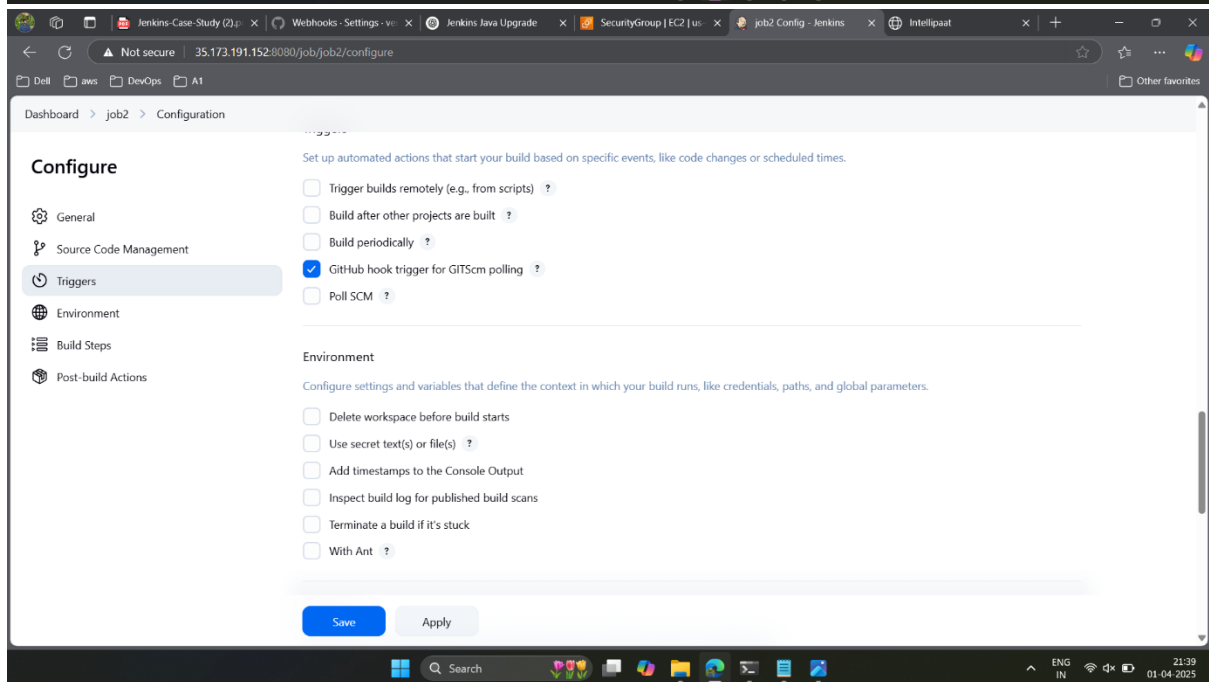
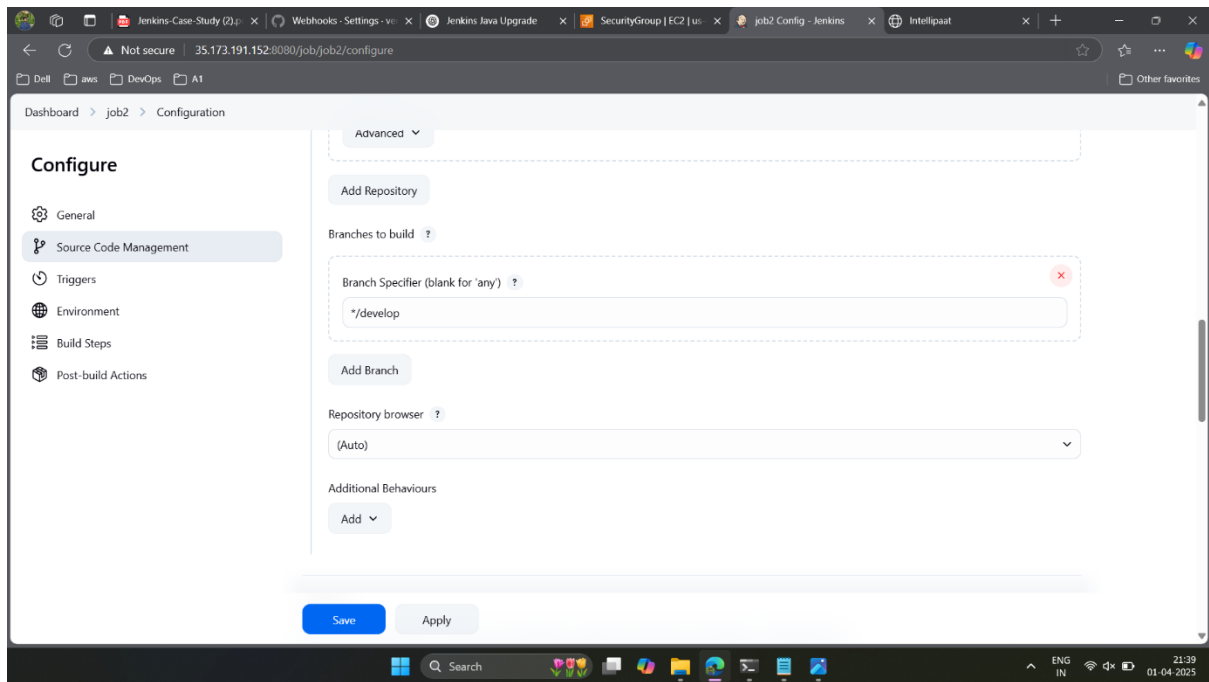
Repository URL ?

<https://github.com/venkatesh1715/website.git>

Credentials ?

Save Apply





Dashboard > job2 > Configuration

## Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps**
- Post-build Actions

### Execute shell ?

Command

[See the list of available environment variables](#)

```
sudo docker rm -f $(sudo docker ps -a -q)
sudo docker build . -t image2
sudo docker run -itd --name C2 -p 83:80 image2
```

Advanced ▾

Add build step ▾

Post-build Actions

Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.

Add post-build action ▾

✓ Saved

Save Apply

venkatesh1715 / website

Code Pull requests Actions Projects Wiki Security Insights Settings

website / index.html in develop

Cancel changes Commit changes...

Edit Preview Code 55% faster with GitHub Copilot

Spaces 2 No wrap

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>IntelliPaat</title>
7   <style>
8     body {
9       background-image: url('images/github3.jpg');
10      background-size: cover;
11      background-position: center;
12      background-repeat: no-repeat;
13      margin: 0;
14      padding: 0;
15      height: 100vh;
16      display: flex;
17      justify-content: center;
18      align-items: center;
19    }
20
21    /* Adding a semi-transparent overlay for readability */
22    .overlay {
23
```

Use Control + Shift + M to toggle the tab key moving focus. Alternatively, use esc then tab to move to the next interactive element on the page.

master x slave + v

Last login: Tue Apr 1 15:58:43 2025 from 49.37.217.12  
ubuntu@ip-172-31-92-84:~\$ cd /home/ubuntu/jenkins/workspace/job1  
ubuntu@ip-172-31-92-84:~/jenkins/workspace/job1\$ ls  
Dockerfile images index.html  
ubuntu@ip-172-31-92-84:~/jenkins/workspace/job1\$ git branch  
\* (HEAD detached at 477fddda)  
ubuntu@ip-172-31-92-84:~/jenkins/workspace/job1\$ cat index.html  
<html>  
<head>  
<title> Intellipaat </title>  
</head>  
<body style = "background-image:url('images/github3.jpg'); background-size: 100%">  
<h2 ALIGN=CENTER>Hello world!</h2>  
</body>  
</html>  
ubuntu@ip-172-31-92-84:~/jenkins/workspace/job1\$ cd /home/ubuntu/jenkins/workspace/job2  
ubuntu@ip-172-31-92-84:~/jenkins/workspace/job2\$ ls  
Dockerfile developfile images index.html  
ubuntu@ip-172-31-92-84:~/jenkins/workspace/job2\$ cat index.html  
<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <meta name="viewport" content="width=device-width, initial-scale=1.0">  
 <title>Intellipaat</title>  
 <style>  
 body {  
 background-image: url('images/github3.jpg');  
 background-size: cover;  
 background-position: center;  
 background-repeat: no-repeat;  
 margin: 0;  
 padding: 0;  
 height: 100vh;  
 display: flex;  
 justify-content: center;  
 align-items: center;  
 }  
 </style>  
</head>

44.210.122.195:83

Not secure | 44.210.122.195:83

Del | aws | DevOps | A1 | Other favorites

Hello Buddys

GitHub

21:45 01-04-2025

Jenkins

venkatesh

log out

Dashboard

+ New Item

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

Built-In Node0/2

slave10/1

All

S	W	Name ↓	Last Success	Last Failure	Last Duration	
✓	☀	job1	14 min #1	N/A	35 sec	▶
✓	☀	job2	3 min 13 sec #2	N/A	1.2 sec	▶

Icon: S M L

...

REST API Jenkins 2.503

Jenkins

venkatesh

log out

Dashboard > Manage Jenkins > Nodes

Nodes

Clouds

Build Queue

No builds in the queue.

Build Executor Status

Built-In Node0/2

slave10/1

+ New Node

Configure Monitors

S	Name ↓	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
🖥	Built-In Node	Linux (amd64)	In sync	3.70 GiB	0 B	3.70 GiB	0ms
🖥	slave1	Linux (amd64)	In sync	4.17 GiB	0 B	4.17 GiB	44ms
Data obtained		23 min	23 min	23 min	23 min	23 min	23 min

Icon: S M L

Legend

REST API Jenkins 2.503

EC2 > Instances

EC2

Dashboard

EC2 Global View

Events

▼ Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

▼ Images

AMIs

AMI Catalog

▼ Elastic Block Store

Volumes

CloudShell

Feedback

Instances (2/2) info

Last updated less than a minute ago

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Platform
<input checked="" type="checkbox"/>	jenkins-slave	i-010147cc7ce40ce48	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2
<input checked="" type="checkbox"/>	jenkins-master	i-08d8d013724dc6c17	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b	ec2

2 instances selected

Percent

Bytes

Bytes

Count

Network packets out (...)

Metadata no token (co...)

CPU credit usage (cou...)

CPU credit balance (co...)

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ENG

IN

21:47

01-04-2025