

Capstone Projects

You have been Hired Sr. DevOps Engineer in Abode Software. They want to implement DevOpsLifecycle in their company. You have been asked to implement this lifecycle as fast as possible. Abode Software is a product-based company, their product is available on this GitHub link.

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

Following are the specifications of the lifecycle:

1. Install the necessary software on the machines using a configuration management tool.

2. Git Workflow has to be implemented

3.Code Build should automatically be triggered once commit is made to master branch or develop branch.

If commit is made to master branch, test and push to prod

If commit is made to develop branch, just test the product, do not push to prod

4.The Code should be containerized with the help of a Dockerfile. The Dockerfile should be built every time there is a push to Git-Hub. Use the following pre-built container for your application:

hshar/webapp

The code should reside in '/var/www/html'

5.The above tasks should be defined in a Jenkins Pipeline, with the following jobs:

Job1 : build

Job2: test

Job3 : prod

Upon reading we found below things

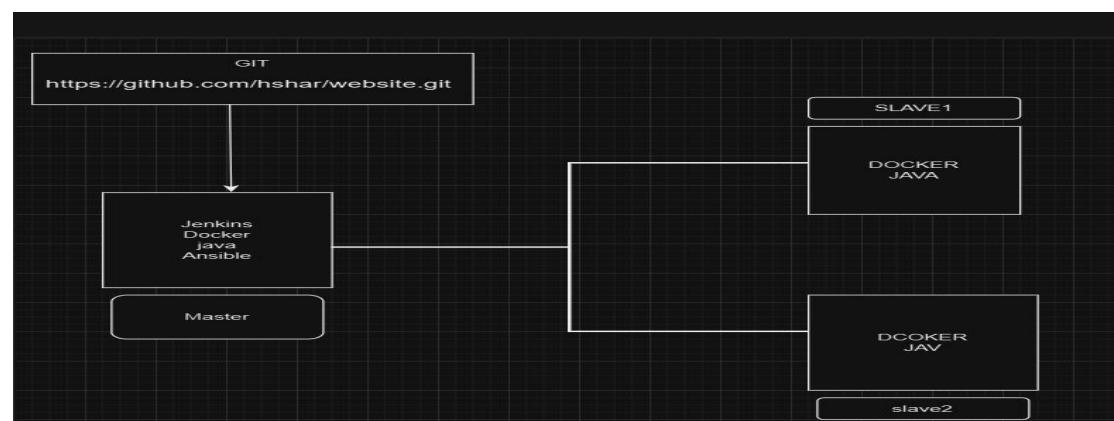
We will create cluster of three instances, one master and two slaves, according to line 1- we need to ansible to configure tools, according to line 2 we will be using GIT , according to line 3 and 5-we need Jenkins for automation and line 4 tells us to use docker.

We will be using following tools

1. Ansible
2. Docker
3. GIT
4. Jenkins

Master node -----> install Ansible,docker, Jenkins,java

Slave node -----> install docker and java



h

[Alt+S]

Mumbai ▾

vishwajeet.singh ▾

Instances (3) [Info](#)

Last updated less than a minute ago

Connect

Instance state ▾

Actions ▾

Launch instances ▾

< 1 >

All states ▾

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Pub
<input type="checkbox"/>	master	i-0e97ce03b443766c3	Running	t2.micro	Initializing	View alarms +	ap-south-1b	ec2
<input type="checkbox"/>	slave1	i-049bea59b02a0de59	Running	t2.micro	Initializing	View alarms +	ap-south-1b	ec2
<input type="checkbox"/>	slave2	i-05763dda22e1ef728	Running	t2.micro	Initializing	View alarms +	ap-south-1b	ec2

```
sudo apt update
sudo apt install software-properties-common
sudo add-apt-repository --yes --update ppa:ansible/ansible
sudo apt install ansible
```

```
ubuntu@ip-172-31-3-54:~$ ansible --version
ansible [core 2.17.5]
  config file = /etc/ansible/ansible.cfg
  configured module search path = ['/home/ubuntu/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3/dist-packages/ansible
  ansible collection location = /home/ubuntu/.ansible/collections:/usr/share/ansible/collections
  executable location = /usr/bin/ansible
  python version = 3.10.12 (main, Sep 11 2024, 15:47:36) [GCC 11.4.0] (/usr/bin/python3)
  jinja version = 3.0.3
  libyaml = True
ubuntu@ip-172-31-3-54:~$
```

```

ubuntu@ip-172-31-3-54:~$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/home/ubuntu/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/ubuntu/.ssh/id_rsa
Your public key has been saved in /home/ubuntu/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:wb18RgU1O435Mwrrh19b7O6oMTFXfknHNRq5OFDbO4 ubuntu@ip-172-31-3-54
The key's randomart image is:
[-----RSA 3072-----]
.+++. |
. X .+..+ |
. O .+G+ |
. O .+o+ |
. S .++O+ |
. Eo.+ |
. O.O |
. +.O+ |
. O.+O+ |
[-----SHA256-----]
ubuntu@ip-172-31-3-54:~$ cat .ssh/id.pub.rsa
cat: .ssh/id.pub.rsa: No such file or directory
ubuntu@ip-172-31-3-54:~$ cat .ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGC23q6BDRW2k15Yd12qgrv7CkF4ufyWpD034hg7E9dBiA0CTIMJfqlKpYo/hzQMP6C5cNZgRWj0/x/XpNod/U87XMPGwDIUj1xbxCdc1kh3CP9t5XKpgyvgT0
hWRE8yB7Jh32xpyY87ycnqk9c1Kus3al/v65yqr7CnbnqrcTVZ59XKFBjtYpQnmM524F12u2u/V94TOYDj/DwZFFK3MvoWzm2aiftqpc0bX3s9xSeUfMLXqJowTnUlhY3q3aFvm24s7+BSZ274SaxmZvUjHR
GPF8TcXVKhRR7/XA/31l0ttfd616FhKds09hiWj6+Idaevr1v7Jp3HhMvO= ubuntu@ip-172-31-3-54
ubuntu@ip-172-31-3-54:~$ []

i-0e97ce03b44376563 (master)
PublicIPs: 35.154.89.71 PrivateIPs: 172.31.3.54 |

ubuntu@ip-172-31-3-80:~$ nano .ssh/authorized_keys
ubuntu@ip-172-31-80:~$ cat .ssh/authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGC23q6BDRW2k15Yd12qgrv7CkF4ufyWpD034hg7E9dBiA0CTIMJfqlKpYo/hzQMP6C5cNZgRWj0/x/XpNod/U87XMPGwDIUj1xbxCdc1kh3CP9t5XKpgyvgT0
hWRE8yB7Jh32xpyY87ycnqk9c1Kus3al/v65yqr7CnbnqrcTVZ59XKFBjtYpQnmM524F12u2u/V94TOYDj/DwZFFK3MvoWzm2aiftqpc0bX3s9xSeUfMLXqJowTnUlhY3q3aFvm24s7+BSZ274SaxmZvUjHR
GPF8TcXVKhRR7/XA/31l0ttfd616FhKds09hiWj6+Idaevr1v7Jp3HhMvO= ubuntu@ip-172-31-3-54
ubuntu@ip-172-31-3-80:~$

i-05763dda22e1ef728 (slave2)
PublicIPs: 43.204.145.241 PrivateIPs: 172.31.3.80

ubuntu@ip-172-31-40-132:~$ nano .ssh/authorized_keys
ubuntu@ip-172-31-40-132:~$ cat .ssh/authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGC23q6BDRW2k15Yd12qgrv7CkF4ufyWpD034hg7E9dBiA0CTIMJfqlKpYo/hzQMP6C5cNZgRWj0/x/XpNod/U87XMPGwDIUj1xbxCdc1kh3CP9t5XKpgyvgT0
hWRE8yB7Jh32xpyY87ycnqk9c1Kus3al/v65yqr7CnbnqrcTVZ59XKFBjtYpQnmM524F12u2u/V94TOYDj/DwZFFK3MvoWzm2aiftqpc0bX3s9xSeUfMLXqJowTnUlhY3q3aFvm24s7+BSZ274SaxmZvUjHR
GPF8TcXVKhRR7/XA/31l0ttfd616FhKds09hiWj6+Idaevr1v7Jp3HhMvO= ubuntu@ip-172-31-3-54
ubuntu@ip-172-31-40-132:~$

i-049b6a59b02a0de59 (slave1)
PublicIPs: 13.127.154.27 PrivateIPs: 172.31.10.132

```

Check if connection has been established or not

```
ubuntu@ip-172-31-10-132:~$ exit
logout
Connection to 172.31.10.132 closed.
ubuntu@ip-172-31-3-54:~$ ssh 172.31.3.80
The authenticity of host '172.31.3.80 (172.31.3.80)' can't be established.
ED25519 key fingerprint is SHA256:esU7oZCagmJOPjsEFw1TBeopb9OKLrwwB1u2DaRw+KM.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '172.31.3.80' (ED25519) to the list of known hosts.
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1015-aws x86_64)

i-0e97ce03b443766c3 (master)
PublicIPs: 35.154.89.71 PrivateIPs: 172.31.3.54
```

Now we will add the private ip in hosts file, run command `sudo nano /etc/ansible/hosts`

```
[slave]
172.31.10.132
172.31.3.80

i-0e97ce03b443766c3 (master)
PublicIPs: 35.154.89.71 PrivateIPs: 172.31.3.54
```

now we will create yaml file to install the tools, which is

On master - Java ,Docker, Jenkins

On slave- Java, Docker

We will do this with the help of script, so lets create two script as per above requirement

Master.sh(check official documenttion for below commands)

```
#!/bin/bash
Sudo apt update
sudo apt install fontconfig openjdk-17-jre -y
sudo apt install docker.io -y
sudo wget -O /usr/share/keyrings/jenkins-keyring.asc \
  https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key
echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc]" \
  https://pkg.jenkins.io/debian-stable binary/ | sudo tee \
  /etc/apt/sources.list.d/jenkins.list > /dev/null
sudo apt update
sudo apt install jenkins -y
```

```
ubuntu@ip-172-31-3-54:~$ sudo nano master.sh
ubuntu@ip-172-31-3-54:~$ cat master.sh
#!/bin/bash
Sudo apt-get update
Sudo apt install openjdk-17-jre
sudo apt-get install docker.io -y
sudo wget -O /usr/share/keyrings/jenkins-keyring.asc \
  https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key
echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc]" \
  https://pkg.jenkins.io/debian-stable binary/ | sudo tee \
  /etc/apt/sources.list.d/jenkins.list > /dev/null
sudo apt-get update
sudo apt-get install jenkins -y
ubuntu@ip-172-31-3-54:~$

i-0e97ce03b443766c3 (master)
PublicIPs: 35.154.89.71 PrivateIPs: 172.31.3.54
```

Slave.sh

```
#!/bin/bash
sudo apt update
sudo apt install fontconfig openjdk-17-jre -y
sudo apt-get install docker.io -y
```

```
ubuntu@ip-172-31-3-54:~$ sudo nano slave.sh
ubuntu@ip-172-31-3-54:~$ cat slave.sh
#!/bin/bash
Sudo apt-get update
Sudo apt install openjdk-17-jre
sudo apt-get install docker.io -y
ubuntu@ip-172-31-3-54:~$

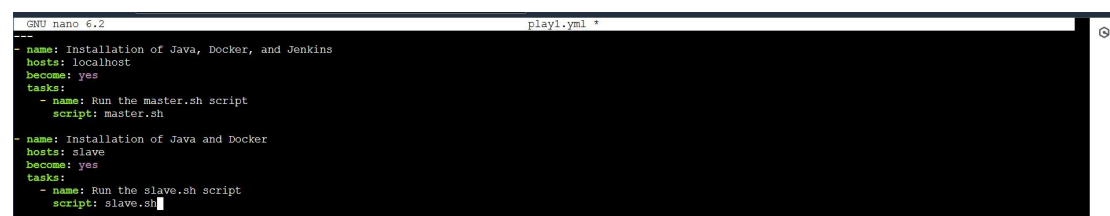
i-0e97ce03b443766c3 (master)
PublicIPs: 35.154.89.71 PrivateIPs: 172.31.3.54
```

Lets write the playbook which will be in yaml format

- ```

- name: Installation of Java, Docker, and Jenkins
 hosts: localhost
 become: yes
 tasks:
 - name: Run the master.sh script
 script: master.sh

- name: Installation of Java and Docker
 hosts: slave
 become: yes
 tasks:
 - name: Run the slave.sh script
 script: slave.sh
```



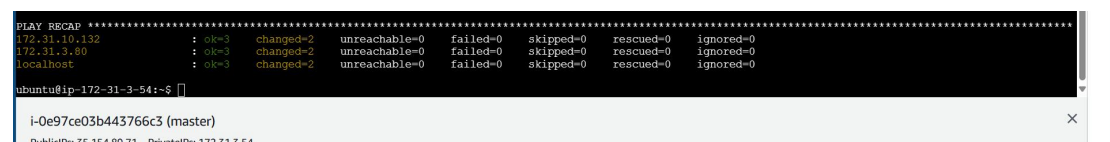
```
GNU nano 6.2 play1.yml

- name: Installation of Java, Docker, and Jenkins
 hosts: localhost
 become: yes
 tasks:
 - name: Run the master.sh script
 script: master.sh

- name: Installation of Java and Docker
 hosts: slave
 become: yes
 tasks:
 - name: Run the slave.sh script
 script: slave.sh
```

### step3: lets run playbook

Run the command ansible-playbook play1.yml



```
PLAY RECAP *****
172.31.10.132 : ok=3 changed=2 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
172.31.3.80 : ok=3 changed=2 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
localhost : ok=3 changed=2 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

ubuntu@ip-172-31-3-54:~$
```

Check if all tools has been installed or not

Run command on master

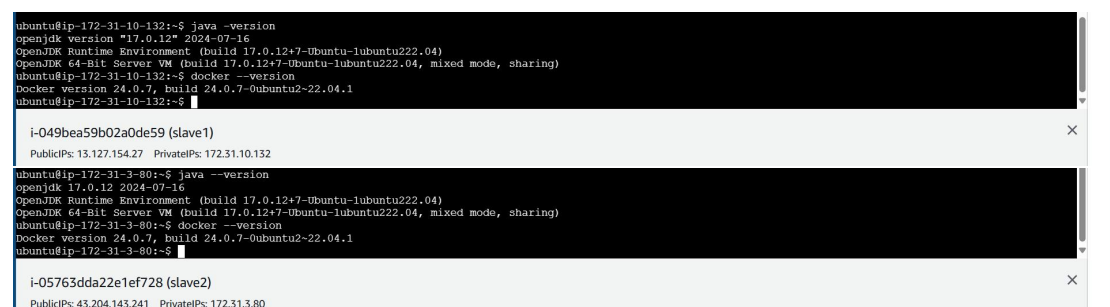
Java --version

Docker --version

Jenkins --version



```
ubuntu@ip-172-31-3-54:~$ java -version
openjdk version "17.0.12" 2024-07-16
OpenJDK Runtime Environment (build 17.0.12+7-Ubuntu-lubuntu222.04)
OpenJDK 64-Bit Server VM (build 17.0.12+7-Ubuntu-lubuntu222.04, mixed mode, sharing)
ubuntu@ip-172-31-3-54:~$ docker --version
Docker version 24.0.7, build 24.0.7-0ubuntu2-22.04.1
ubuntu@ip-172-31-3-54:~$ jenkins --version
2.462.3
ubuntu@ip-172-31-3-54:~$
```



```
ubuntu@ip-172-31-10-132:~$ java -version
openjdk version "17.0.12" 2024-07-16
OpenJDK Runtime Environment (build 17.0.12+7-Ubuntu-lubuntu222.04)
OpenJDK 64-Bit Server VM (build 17.0.12+7-Ubuntu-lubuntu222.04, mixed mode, sharing)
ubuntu@ip-172-31-10-132:~$ docker --version
Docker version 24.0.7, build 24.0.7-0ubuntu2-22.04.1
ubuntu@ip-172-31-10-132:~$

i-049bea59b02a0de59 (slave1)
PublicIPs: 13.127.154.27 PrivateIPs: 172.31.10.132

ubuntu@ip-172-31-3-80:~$ java --version
openjdk 17.0.12 2024-07-16
OpenJDK Runtime Environment (build 17.0.12+7-Ubuntu-lubuntu222.04)
OpenJDK 64-Bit Server VM (build 17.0.12+7-Ubuntu-lubuntu222.04, mixed mode, sharing)
ubuntu@ip-172-31-3-80:~$ docker --version
Docker version 24.0.7, build 24.0.7-0ubuntu2-22.04.1
ubuntu@ip-172-31-3-80:~$

i-05763dda22e1ef728 (slave2)
PublicIPs: 43.204.143.241 PrivateIPs: 172.31.3.80
```

Required tools have been installed. Now let's do the assigned task, we will establish Jenkins and clone the repo to execute the task. So let's configure the Jenkins first

#### Step 4: configure jenkins

Copy public ip of master and add :8080 after it to get below page on browser  
Now let's do all the setup

The top screenshot shows the 'Unlock Jenkins' screen. It prompts the user to enter the administrator password from the log file `/var/lib/jenkins/secrets/initialAdminPassword`. The bottom screenshot shows the 'Getting Started' screen with a progress bar and a table of installed plugins. The table includes:

| Plugin                 | Status |
|------------------------|--------|
| Folders                | ✓      |
| OWASP Markup Formatter | ✓      |
| Build Timeout          | ✗      |
| Credentials Binding    | ✗      |
| Ionicons API           | ✗      |
| Timestampers           | ✗      |
| Workspace Cleanup      | ✗      |
| Ant                    | ✗      |
| Gradle                 | ✗      |
| OWASP Markup Formatter | ✗      |
| ASH API                | ✗      |

The bottom screenshot shows the Jenkins dashboard. It includes a sidebar with links to 'New Item', 'Build History', 'Manage Jenkins', and 'My Views'. The main content area displays 'Welcome to Jenkins!' and 'Start building your software project' with buttons for 'Create a job', 'Set up a distributed build', 'Set up an agent', 'Configure a cloud', and 'Learn more about distributed builds'.

#### Step 5: now we will add the slave nodes on jenkins

The screenshot shows the 'New Item' form in Jenkins. The 'Name' field is set to 'slave1'. The 'Description' field contains 'this is first slave node'. The 'Number of executors' is set to '1'. The 'Remote root directory' is set to '/home/ubuntu/jenkins'.

Launch method ?  
Launch agents via SSH

Host ?  
172.31.10.132

Credentials ?  
ubuntu (slave1)

+ Add

Host Key Verification Strategy ?  
Non verifying Verification Strategy

Advanced Edited

Dashboard > Manage Jenkins > Nodes

Nodes

+ 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          | 3.99 GiB        | 0 B             | 3.99 GiB        | 0ms           |
|   | slave1        | Linux (amd64) | In sync          | 4.49 GiB        | 0 B             | 4.49 GiB        | 24ms          |
|   | slave2        | Linux (amd64) | In sync          | 4.49 GiB        | 0 B             | 4.49 GiB        | 47ms          |
|   | Data obtained |               | 9.2 sec          | 9.2 sec         | 9.2 sec         | 9.2 sec         | 9.2 sec       |

Icon: S M L

Legend

Build Queue  
No builds in the queue.

Build Executor Status  
Built-In Node  
1 Idle  
2 Idle

We have added the both nodes. Now we clone the repo which is given in this assignment

### Step6: clone the repo

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

Now fork the repo in your repo

website Public

Watch 4 Fork 2.8k Star 25

master 1 Branch Tags

Go to file Add file Code

Ubuntu modified 883b439 · 5 years ago 2 Commits

images final 5 years ago

index.html modified 5 years ago

About  
No description, website, or topics provided.  
Activity  
25 stars  
4 watching

## Create a new fork

A *fork* is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project. [View existing forks.](#)

Required fields are marked with an asterisk (\*).

Owner \*



Vish0ruyzaki

Repository name \*

website

✔ website is available.

By default, forks are named the same as their upstream repository. You can customize the name to distinguish it further.

Description (optional)

☒ Copy the `master` branch only

Contribute back to hshar/website by adding your own branch. [Learn more.](#)

You are creating a fork in your personal account.

Create fork

Now we will run command git clone “link” to clone the repo

```
ubuntu@ip-172-31-3-54:~$ git clone https://github.com/Vish0ruyzaki/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 | 7.52 MiB/s, done.
Resolving deltas: 100% (1/1), done.
ubuntu@ip-172-31-3-54:~$ ls
master.sh playwright slave.sh website
ubuntu@ip-172-31-3-54:~$ cd website
ubuntu@ip-172-31-3-54:~/website$ ls
images index.html
ubuntu@ip-172-31-3-54:~/website$
```

i-Oe97ce03b443766c3 (master)

PublicIPs: 13.201.103.230 PrivateIPs: 172.31.3.54

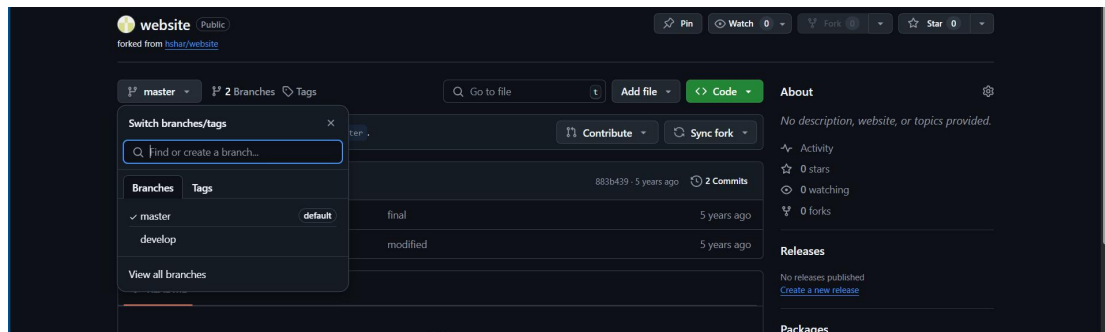
### Step7: lets create develop branch and then push it to github

```
ubuntu@ip-172-31-3-54:~/website$ git branch develop
ubuntu@ip-172-31-3-54:~/website$ git branch
 develop
* master
ubuntu@ip-172-31-3-54:~/website$ git checkout develop
Switched to branch 'develop'
ubuntu@ip-172-31-3-54:~/website$ ls
images index.html
ubuntu@ip-172-31-3-54:~/website$ git push --all
error: did you mean '--all' (with two dashes)?
ubuntu@ip-172-31-3-54:~/website$ git push --all
Username for 'https://github.com': Vish0ruyzaki
Password for 'https://Vish0ruyzaki@github.com':
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'develop' on GitHub by visiting:
remote: https://github.com/Vish0ruyzaki/website/pull/new/develop
remotes:
to https://github.com/Vish0ruyzaki/website.git
 * [new branch] develop -> develop
ubuntu@ip-172-31-3-54:~/website$
```

i-Oe97ce03b443766c3 (master)

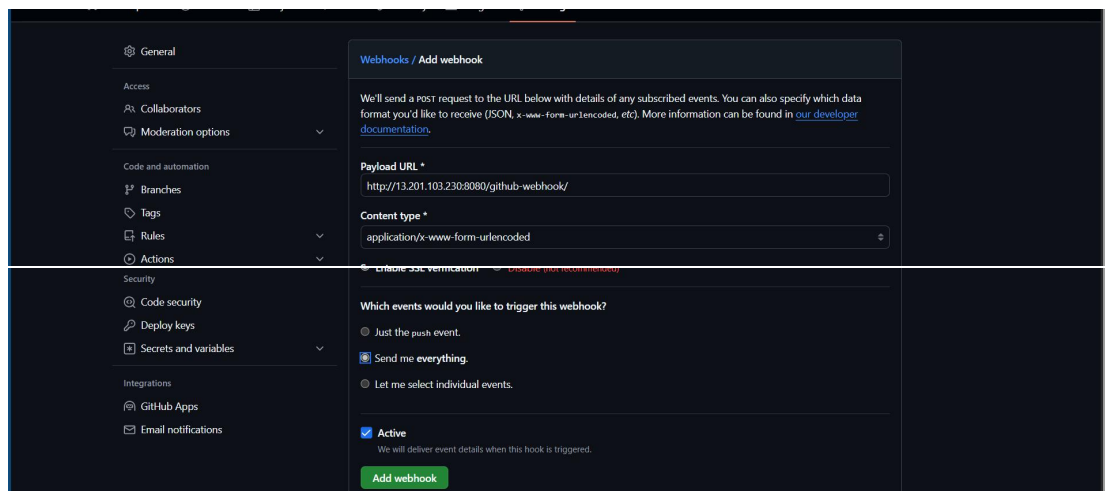
PublicIPs: 13.201.103.230 PrivateIPs: 172.31.3.54

Branch is created and its pushed to github, lets check



The branches has been pushed succesfully

### Step8: lets set webhook with our repo



### Step 9: we will create dockerfile and create image out of it. This image will be pushed to repo

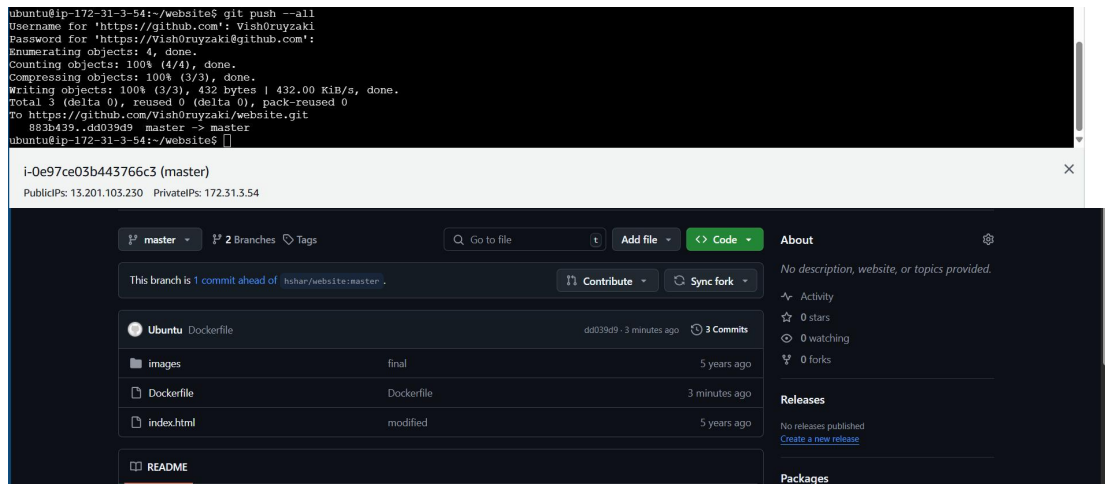


Lets commit this change



Push the changes back to github





## Step 10: lets create the below pipeline on jenkins to run the task

Job1 : build and test (merging two task together)

Job2 : prod

### New Item

Enter an item name

build and test

Select an item type



#### Freestyle project

Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.



#### Pipeline

Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.



#### Multi-configuration project

Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.



#### Folder

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different

OK

### Configure

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

### General

Enabled ☒

Description

for develop branch

Plain text [Preview](#)

☐ Discard old builds ?

☒ GitHub project

Project url ?

<https://github.com/Vish0ruyzaki/website.git>

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

☐ Throttle builds ?

☐ Execute concurrent builds if necessary ?

☒ 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

☐ None

☒ Git ?

Repositories ?

Repository URL ?

https://github.com/Vish0ruyzaki/website.git

Jenkins Credentials Provider: Jenkins

Scope ?

Global (Jenkins, nodes, items, all child items, etc)

Username ?

Vish0ruyzaki

☐ Treat username as secret ?

Password ?

ID ?

Description ?

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

\*/develop

Add Branch

Build Triggers

☐ Trigger builds remotely (e.g., from scripts) ?

☐ Build after other projects are built ?

☐ Build periodically ?

☒ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

Similarly create job which will run on slave2 and will be restricted on master branch

One prod job is created we will add additional step which build after and add script command to run

[Add description](#)

All +

| S | W | Name ↓         | Last Success | Last Failure | Last Duration |
|---|---|----------------|--------------|--------------|---------------|
| ☹ | ☀ | build and test | N/A          | N/A          | N/A           |
| ☹ | ☀ | prod           | N/A          | N/A          | N/A           |

Icon: S M L

### Configure

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

### Build Environment

☐ Delete workspace before build starts

Filter

- Execute Windows batch command
- Execute shell
- Invoke Ant
- Invoke Gradle script
- Invoke top-level Maven targets
- Run with timeout
- Set build status to "pending" on GitHub commit

[Add build step](#)

```
sudo docker build . -t hello
sudo docker run -itd -p 80:80 hello
```

### Build Steps

Execute shell ?
✕

Command

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

```
sudo docker build . -t hello
sudo docker run -itd -p 80:80 hello
```

**Step11: if commit is done on master, then test and prod job should run automatically**

Made change in the html file now lets commit it

Edit Preview
Code 55% faster with GitHub Copilot
Spaces 2 No wrap

```

1 <html>
2 <head>
3 <title> hi Intellipaat, this is vishwajeet </title>
4 </head>
5 <body style = "background-image:url('images/github3.jpg'); background-size: 100%;>
6 <h2 ALIGN=CENTER>Hello world!</h2>
7 </body>
8 </html>
9

```

Commit changes

Commit message

Update index.html

Extended description

Add an optional extended description..

☒ Commit directly to the master branch

☐ Create a new branch for this commit and start a pull request [Learn more about pull requests](#)

Cancel

Commit changes

We can see the job run automatically once we made change,

Dashboard > build and test >

Status

Changes

Workspace

build and test

for develop branch

Edit description

Dashboard > prod >

Changes

Workspace

Build Now

Configure

Delete Project

GitHub Hook Log

GitHub

Rename

this is for production

Upstream Projects

build and test

Permalinks

- Last build (#2), 3 min 22 sec ago
- Last stable build (#1), 9 min 52 sec ago
- Last successful build (#1), 9 min 52 sec ago
- Last failed build (#2), 3 min 22 sec ago
- Last unsuccessful build (#2), 3 min 22 sec ago
- Last completed build (#2), 3 min 22 sec ago

We can see the webpage on browser

