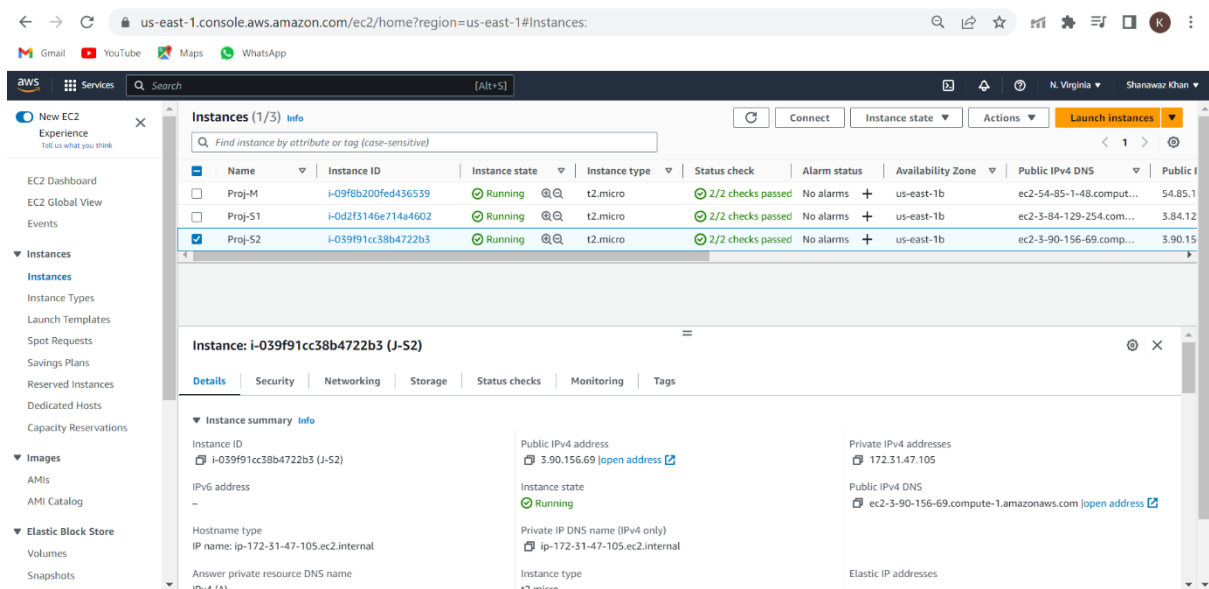
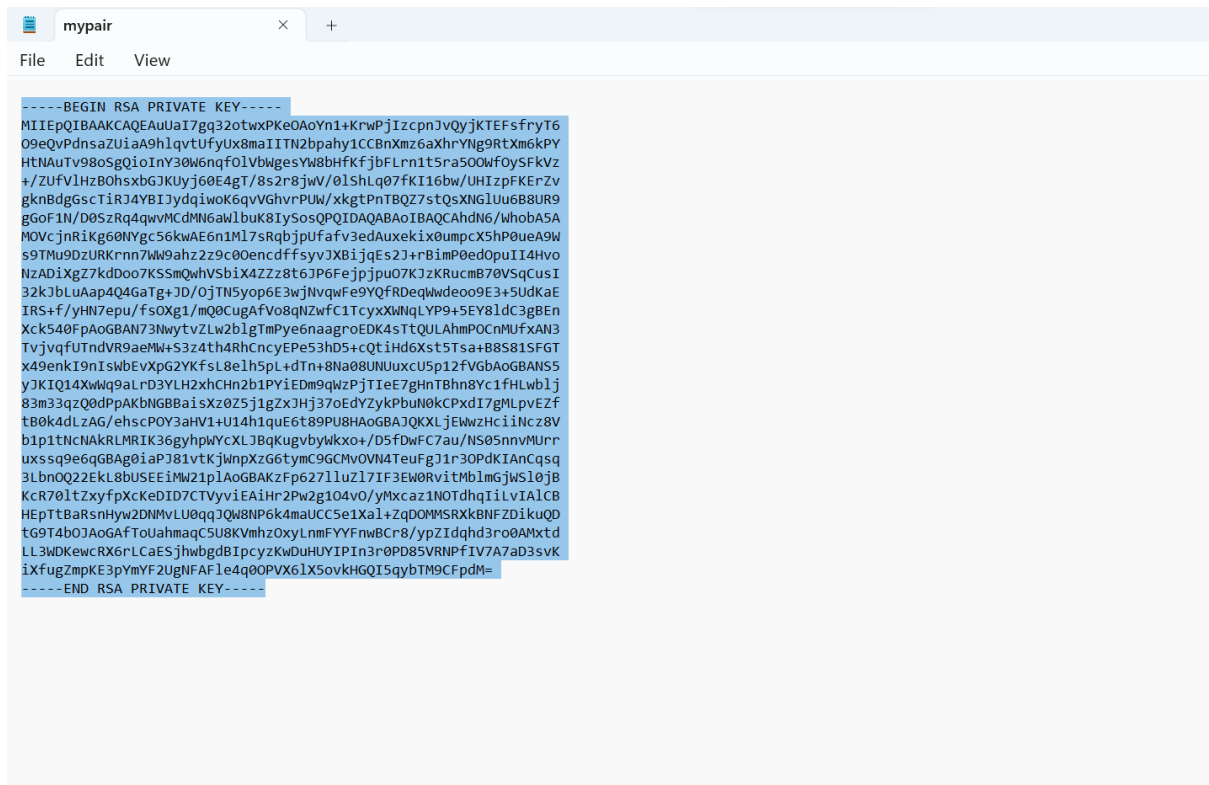


You have been hired as a Sr. DevOps Engineer in Abode Software. They want to implement DevOps Lifecycle in their company. You have been asked to implement this lifecycle as fast as possible. Abode Software is a product-based company and their product is available on this GitHub link.

<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. CodeBuild should automatically be triggered once a commit is made to master branch or develop branch.
  - a. If a commit is made to master branch, test and push to prod
  - b. If a 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 GitHub. 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:
  - a. Job1 : build
  - b. Job2 : test
  - c. Job3 : prod



github.com/Shanbhai7/website

Gmail

YouTube

Maps

WhatsApp

Pin

Watch 0

Fork 1.8k

Star 0

websitePublic

forked from hshar/website

master

2 branches

0 tags

Go to file

Add file

Code

Your master branch isn't protected

Protect this branch from force pushing or deletion, or require status checks before merging. [Learn more](#)

Protect this branch

This branch is 1 commit ahead of hshar:master.

Contribute

Sync fork

Shanbhai7 Create Dockerfile

35e287d 1 hour ago 3 commits

images	final	5 years ago
Dockerfile	Create Dockerfile	1 hour ago
index.html	modified	5 years ago

Help people interested in this repository understand your project by adding a README.

Add a README

About

No description, website, or topics provided.

Activity

0 stars

0 watching

1.8k forks

Releases

No releases published

[Create a new release](#)

Packages

No packages published

[Publish your first package](#)

Not secure | 3.84.129.254:82


Gmail

YouTube

Maps

WhatsApp

Hello world!



mypair.pem

Show all

github.com/Shanbhai7/website/blob/develop/index.html

Shanbhai7 / website

Code Pull requests Actions Projects Wiki Security Insights Settings

Files

develop

Go to file

images

Dockerfile

index.html

Documentation • Share feedback

website / index.html

Shanbhai7 Update index.html 8082507 · 3 minutes ago History

Code Blame 8 lines (8 loc) · 213 Bytes Code 55% faster with GitHub Copilot Raw Download Edit

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

myipair.pem

Not secure | 54.85.1.48:8080/job1/

Dashboard > Job1 >

Delete Project

GitHub Hook Log

Rename

Build History trend

Filter builds...

#4 Sep 12, 2023, 5:36 PM

#3 Sep 12, 2023, 5:34 PM

#2 Sep 12, 2023, 5:30 PM

#1 Sep 12, 2023, 5:25 PM

- Last build (#4), 3 min 53 sec ago
- Last stable build (#2), 3 min 53 sec ago
- Last successful build (#2), 3 min 53 sec ago
- Last failed build (#1), 9 min 17 sec ago
- Last unsuccessful build (#1), 9 min 17 sec ago
- Last completed build (#2), 3 min 53 sec ago

Hello world! From develop branch



← → ↻ ⚠ Not secure | 54.85.1.48:8080

**Jenkins**

Q Search (CTRL+K) ?

1 Shanawaz Khan log out

Dashboard >

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

All +

S	W	Name ↓	Last Success	Last Failure	Last Duration
		Job1	11 min <a href="#">#4</a>	22 min <a href="#">#1</a>	1.2 sec
		Job2	1 min 16 sec <a href="#">#1</a>	N/A	1.1 sec

Icon: S M **L** Atom feed for all Atom feed for failures Atom feed for just latest builds

Build Queue

mypair.pem ^

Show all X

← → ↻ ⚠ Not secure | 54.85.1.48:8080/job/Job2/configure

Dashboard > Job2 > Configuration

**Configure**

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Execute shell ?

Command

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

```
sudo docker build /home/ubuntu/jenkins/workspace/Job2 -t job2
sudo docker run -itd -p 81:88 --name=container2 job2
```

Advanced ▾

Save

Apply

mypair.pem ^

Show all X

Hello world!



GitHuh

Dashboard > Job2 > #2 > Console Output

```
Sending build context to Docker daemon 278.8kB

Step 1/5 : FROM ubuntu
--> c6b84b685f35
Step 2/5 : RUN apt update
--> Using cache
--> e237565208bd
Step 3/5 : Run apt install apache2 -y
--> Using cache
--> c01b9059b6dd
Step 4/5 : ADD . /var/www/html/
--> Using cache
--> f89251390d44
Step 5/5 : ENTRYPOINT apachectl -D FOREGROUND
--> Using cache
--> b84583e93f50
Successfully built b84583e93f50
Successfully tagged job2:latest
+ sudo docker run -itd -p 81:80 --name=container2 job2
2b84473d8cda5b16aad3696824f4bf7dc8ef21d80aa5de85c6827b024d9dbaa7
Finished: SUCCESS
```

← → ↻ Not secure | 54.85.148.8080/job/Job3/configure

Gmail YouTube Maps WhatsApp

Dashboard > Job3 > Configuration

## Configure

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

**Execute shell ?**

Command

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

```
#sudo docker rm -f container2
sudo docker build /home/ubuntu/jenkins/workspace/Job3 -t job3
sudo docker run -itd -p 80:80 --name=container3 job3
```

Advanced ▾

Add build step ▾

Save Apply

← → ↻ Not secure | 54.85.148.8080

Gmail YouTube Maps WhatsApp

# Jenkins

Search (CTRL+K) ?

Shanawaz Khan ▾ log out

Dashboard >

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

S	W	Name 1	Last Success	Last Failure	Last Duration
✓	☁	Job1	26 min #4	37 min #1	1.2 sec ▶
✓	☀	Job2	11 min #2	N/A	1 sec ▶
✓	☁	Job3	1 min 24 sec #2	4 min 6 sec #1	1.4 sec ▶

Build Queue ▾

No builds in the queue.

Icon: S M L Icon legend

Atom feed for all


Atom feed for failures

Atom feed for just latest builds

← → ↻ Not secure | 3.90.156.69

Gmail YouTube Maps WhatsApp

## Hello world!



# GitHub

← → ↻ ⚠ Not secure | 54.85.1.48:8080/job/Job3/configure

Dashboard > Job3 > Configuration

## Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Execute shell ?

Command

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

```
sudo docker rm -f container3
sudo docker build /home/ubuntu/jenkins/workspace/Job3 -t job3
sudo docker run -itd -p 80:80 --name=container3 job3
```

Advanced ▾

Add build step ▾

Save

Apply

← → ↻ ⚠ Not secure | 54.85.1.48:8080

Dashboard >

Search (CTRL+K)

1

Shanawaz Khan ▾

log out

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue ▾

No builds in the queue.

All +

S	W	Name ↓	Last Success	Last Failure	Last Duration	
		Job1	36 min #4	47 min #1	1.2 sec	
		Job2	57 sec #7	N/A	1 sec	
		Job3	49 sec #11	2 min 24 sec #8	1 sec	

Icon: S M L

Icon legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

Add description