

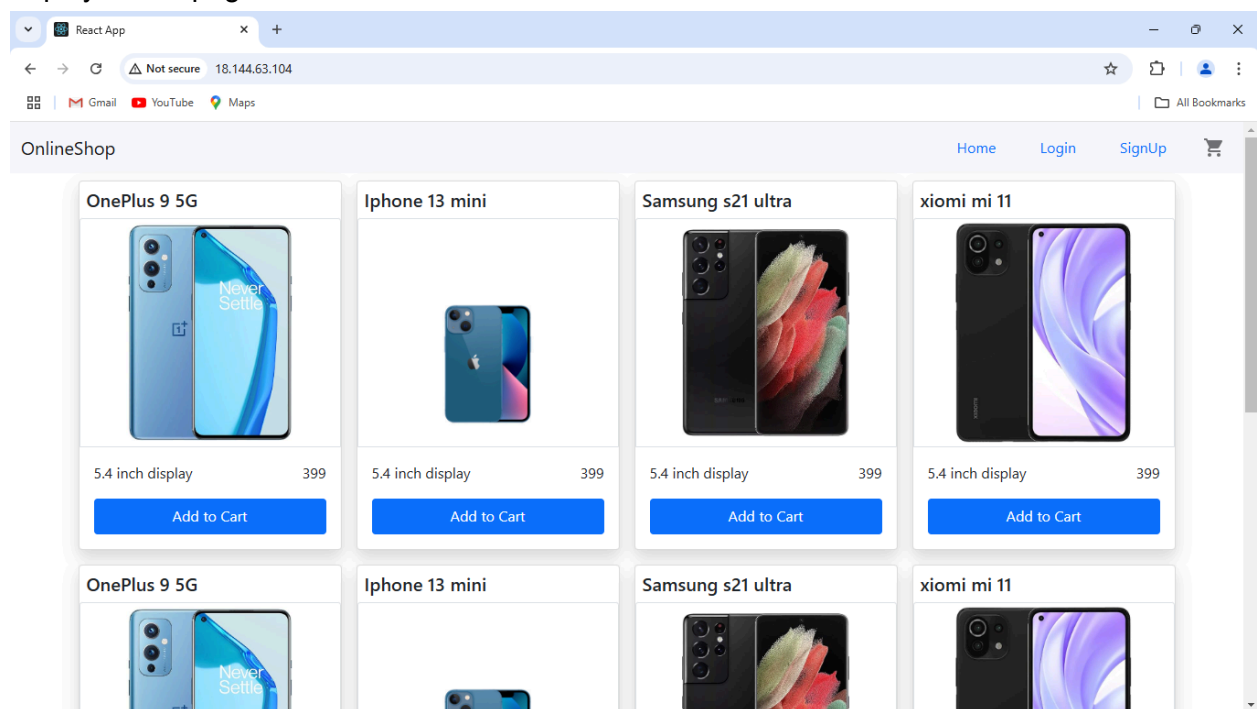
Capstone Project

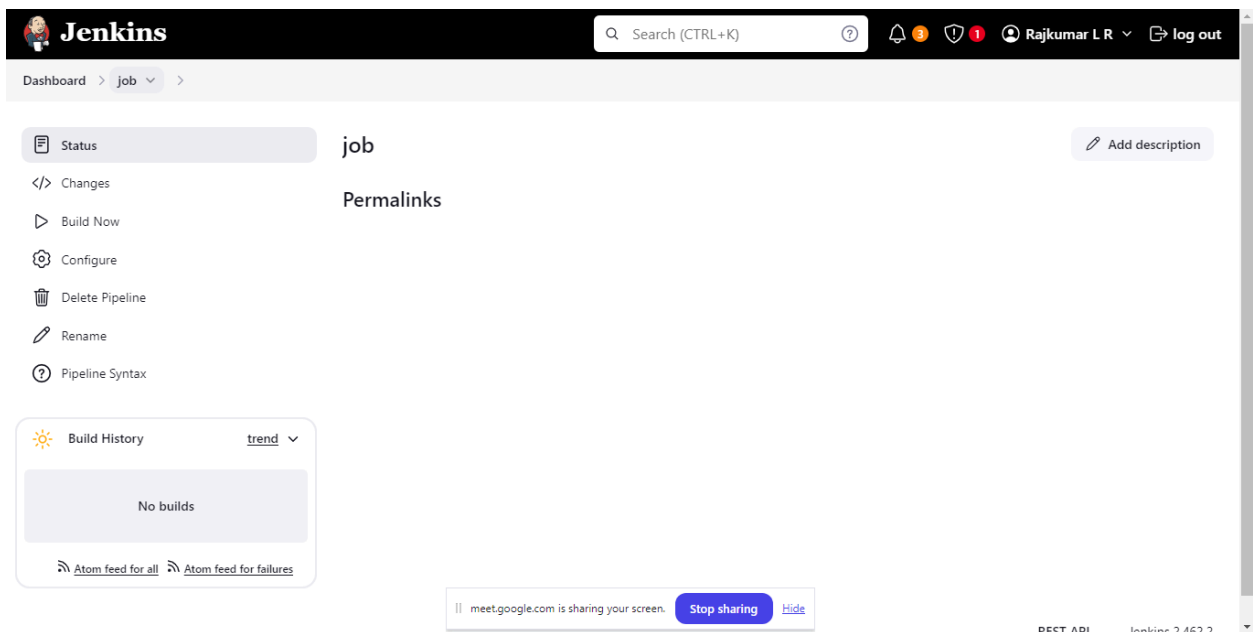
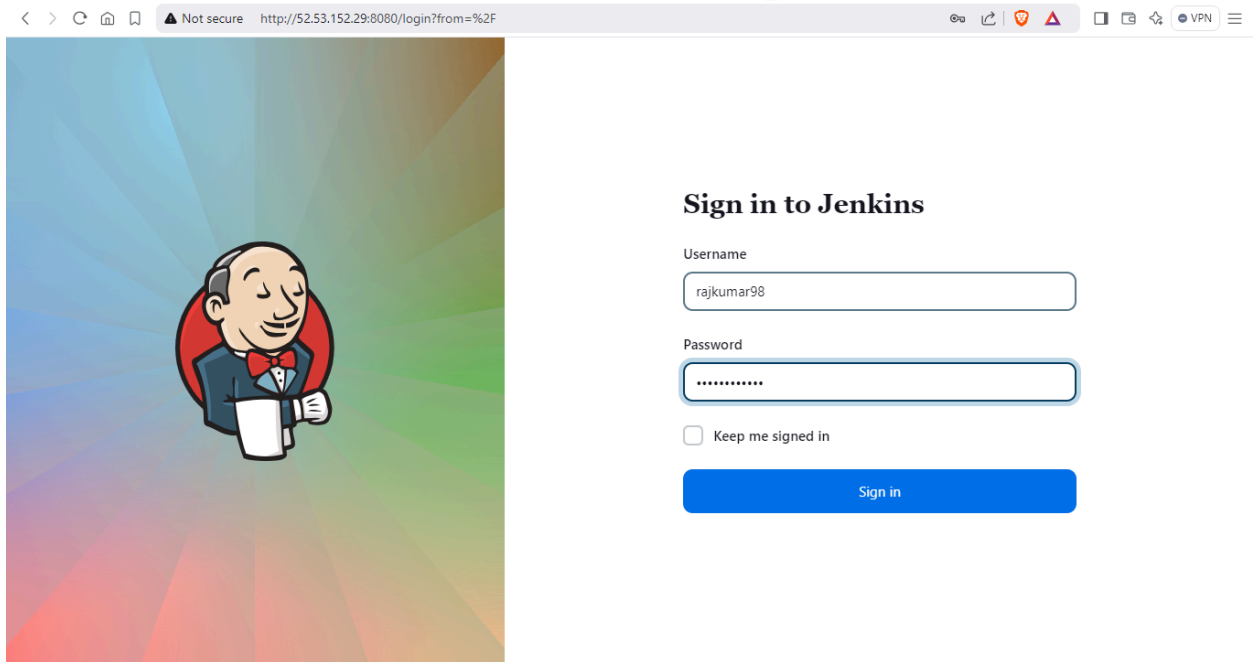
Github repo URL :

<https://github.com/rajkumar28lr/Final-capstone-project.git>

Deployed site URL : <http://18.144.63.104/>

Deployed site page





Not secure http://52.53.152.29:8080/job/job01/configure

Dashboard > job01 > Configuration

Configure

- General
- Advanced Project Options
- Pipeline

Definition

Pipeline script from SCM

SCM ?

Git

Repositories ?

Repository URL ?

https://github.com/rajkumar28lr/lakshmi.git

Credentials ?

- none -

+ Add

Advanced

Save Apply

Jenkins Build and Push

Jenkins

Search (CTRL+K)

Rajkumar L R log out

Dashboard > job01 > #14 > Pipeline Console

< Build #14

Success 2 hr 28 min ago in 8.3 sec

- Checkout SCM
- Build and Push Docker Image

Stage 'Build and Push Docker Image'

Started 2 hr 28 min ago

Queued 0 ms

Took 6.5 sec

Success

View as plain text

chmod +x deploy.sh 0.28 sec

./deploy.sh 6.2 sec

```
0 + ./deploy.sh
1 WARNING! Using --password via the CLI is insecure. Use --password-stdin.
2 WARNING! Your password will be stored unencrypted in /var/lib/jenkins/.docker/config.json.
3 Configure a credential helper to remove this warning. See
```

Jenkins 2.462.3

✔ < Build #14

[▶ Rebuild](#) [🔗 Overview](#) [Configure](#) [⋮](#)

Success 2 hr 28 min ago in 8.3 sec

✔ Checkout SCM

✔ Build and Push Docker Image

```
4 https://docs.docker.com/engine/reference/commandline/login/#credentials-store
5
6 Login Succeeded
7 sh: 0: cannot open chmod +x build.sh: No such file
8 DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
9   Install the buildx component to build images with BuildKit:
10     https://docs.docker.com/go/buildx/
11
12 Sending build context to Docker daemon  3.731MB

13 Step 1/4 : FROM nginx:latest
14 ----> 3b25b682ea82
15 Step 2/4 : COPY build/ /usr/share/nginx/html
16 ----> Using cache
17 ----> b0cac8233677
18 Step 3/4 : EXPOSE 80
```

[Scroll to Bottom](#)

Jenkins 2.462.3

✔ < Build #14

[▶ Rebuild](#) [🔗 Overview](#) [Configure](#) [⋮](#)

Success 2 hr 28 min ago in 8.3 sec

✔ Checkout SCM


✔ Build and Push Docker Image


```
17 ----> b0cac8233677
18 Step 3/4 : EXPOSE 80
19 ----> Using cache
20 ----> 33b8da297606
21 Step 4/4 : CMD ["nginx", "-g", "daemon off;"]
22 ----> Using cache
23 ----> c9868d838aa8
24 Successfully built c9868d838aa8
25 Successfully tagged test:latest
26 Using default tag: latest
27 The push refers to repository [docker.io/rajkumar2128/prod]
28 f035e259d57e: Preparing
29 e4e9e9ad93c2: Preparing
30 6ac729401225: Preparing
31 8ce189049cb5: Preparing
32 296af1bd2844: Preparing
```

[Scroll to Bottom](#)

Jenkins 2.462.3

< Build #14

 Rebuild


 Overview

Configure

...

Success 2 hr 28 min ago in 8.3 sec

 Checkout SCM

 Build and Push Docker Image

```
31 8ce189049cb5: Preparing
32 296af1bd2844: Preparing
33 63d7ce983cd5: Preparing
34 b33db0c3c3a8: Preparing
35 98b5f35ea9d3: Preparing
36 63d7ce983cd5: Waiting
37 b33db0c3c3a8: Waiting
38 98b5f35ea9d3: Waiting
39 e4e9e9ad93c2: Mounted from rajkumar2128/dev
40 8ce189049cb5: Mounted from rajkumar2128/dev
41 f035e259d57e: Mounted from rajkumar2128/dev
42 296af1bd2844: Mounted from rajkumar2128/dev
43 6ac729401225: Mounted from rajkumar2128/dev
44 63d7ce983cd5: Mounted from rajkumar2128/dev
45 b33db0c3c3a8: Mounted from rajkumar2128/dev
46 98b5f35ea9d3: Mounted from rajkumar2128/dev
47 latest: digest: sha256:bc5f02a7781ee163df6564342d5b8ebfa550337c135b1161a9421b7decc57d7d size: 1989
```

Jenkins 2.462.3

Containers

Images

Volumes

Builds

Docker Scout

Extensions










Manage

NGINX

Images [Give feedback](#)

Local **Hub**

rajkumar2128

	Tags	OS	Vulnerabilities	Last pushed	Size
 rajkumar2128/prod	latest		 Inactive	10 minutes ago	73.66 MB
 rajkumar2128/dev	latest		 Inactive	14 minutes ago	73.66 MB
 rajkumar2128/custom-nginx	latest		 Inactive	15 days ago	72.92 MB

Repositories per page 5 1-3 of 3

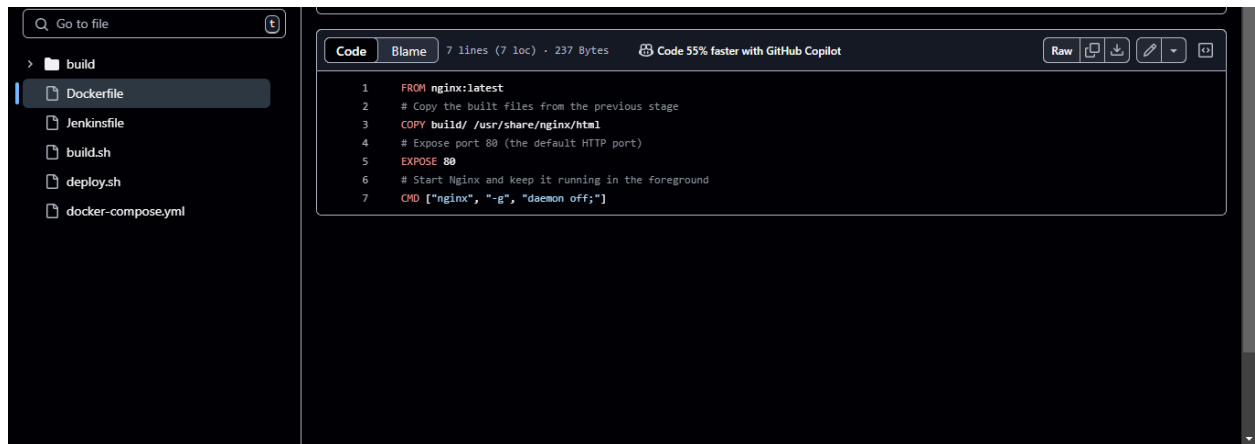
[View Scout dashboard](#)

Engine running

RAM 1.54 GB CPU 2.74% Disk --- GB avail. of --- GB

BETA Terminal v4.34.3

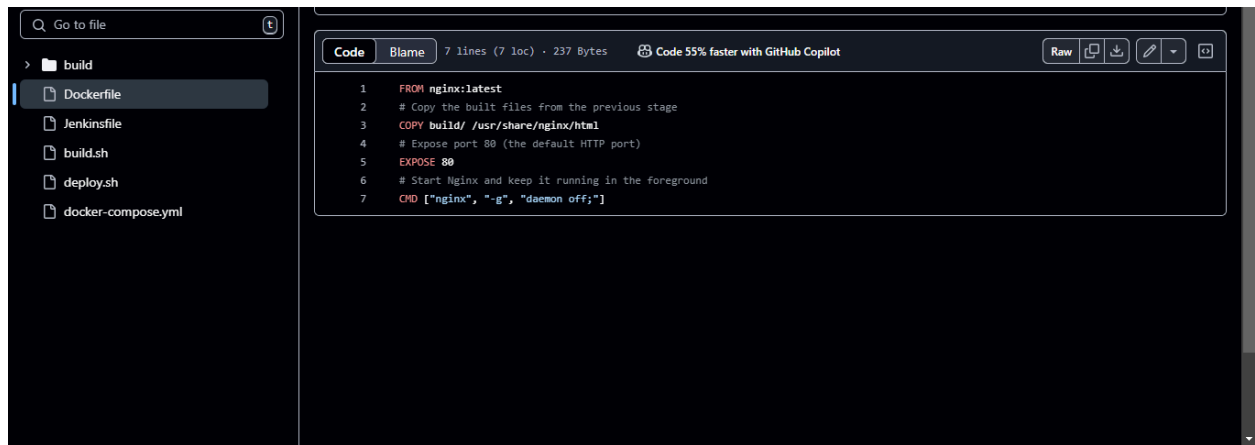
Docker file



The screenshot shows a code editor with a sidebar on the left containing a file explorer. The 'build' directory is expanded, showing files: Dockerfile, Jenkinsfile, build.sh, deploy.sh, and docker-compose.yml. The 'Dockerfile' is selected and its content is displayed in the main editor area. The code is as follows:

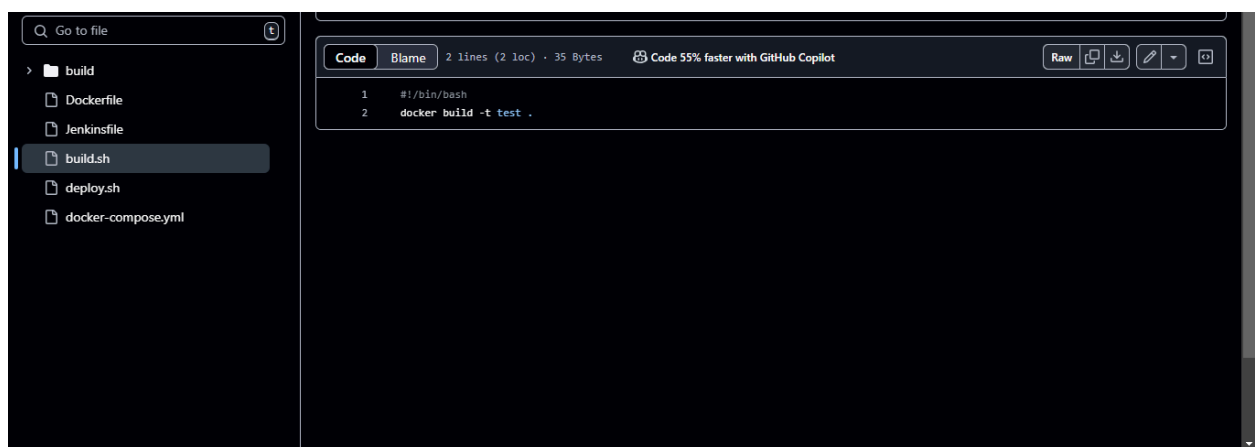
```
1 FROM nginx:latest
2 # Copy the built files from the previous stage
3 COPY build/ /usr/share/nginx/html
4 # Expose port 80 (the default HTTP port)
5 EXPOSE 80
6 # Start Nginx and keep it running in the foreground
7 CMD ["nginx", "-g", "daemon off;"]
```

Docker compose file



This screenshot is identical to the one above, showing the same code editor with the 'Dockerfile' selected and its content displayed in the main editor area.

build .sh



The screenshot shows the same code editor, but now the 'build.sh' file is selected in the sidebar. The content of 'build.sh' is displayed in the main editor area:

```
1 #!/bin/bash
2 docker build -t test .
```

deploy.sh

build

Dockerfile

Jenkinsfile

build.sh

deploy.sh

docker-compose.yml

Code

Blame

20 lines (15 loc) · 470 Bytes

Code 55% faster with GitHub Copilot

Raw

Copy

Download

Edit

Share

```
1 #!/bin/bash
2 docker login -u rajkumar2128 -p dckr_pat_1bx711q5P_0123ZcGubtnJ9PMAQ
3
4 if [ $GIT_BRANCH == "origin/dev" ]; then
5     sh 'chmod +x build.sh'
6     sh './build.sh'
7
8     docker tag test rajkumar2128/dev
9     docker push rajkumar2128/dev
10
11 elif [ $GIT_BRANCH == "origin/master" ]; then
12     sh 'chmod +x build.sh'
13     sh './build.sh'
14
15     docker tag test rajkumar2128/prod
16     docker push rajkumar2128/prod
17
18 else
19     echo "failed"
20 fi
```

AWS

aws

Services

Search

[Alt+S]

N. California

rajkumarawscloud001

EC2 Dashboard

EC2 Global View

Events

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity

Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Instances (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

Instance state = running

Clear filters

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Z...
<input type="checkbox"/>	job28	i-076aa75ef34162e85	Running	t2.micro	2/2 checks passec	View alarms +	us-west-1c
<input type="checkbox"/>	capstone	i-03e6d0e6b8a927b2e	Running	t2.micro	2/2 checks passec	View alarms +	us-west-1b

Select an instance

CloudShell

Feedback

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Job28 instance SG configs

The screenshot displays the AWS Management Console interface for the 'Job28' instance. The left sidebar shows navigation options like EC2 Dashboard, Instances, and Images. The main content area is titled 'Security details' and shows the instance's IAM Role, Owner ID (590183989711), and Launch time (Wed Oct 30 2024 11:23:01 GMT+0530 (India Standard Time)). The Security groups section lists 'sg-063ddee2cd68a3dd8 (launch-wizard-6)'. Below this, the 'Inbound rules' table shows two rules: one for port 80 (TCP) and one for port 22 (TCP), both allowing traffic from 0.0.0.0/0. The 'Outbound rules' table shows one rule allowing all traffic to 0.0.0.0/0.

Name	Security group rule ID	Port range	Protocol	Source
-	sgr-0b5c5887226e29342	80	TCP	0.0.0.0/0
-	sgr-0d54bd28b5a042e76	22	TCP	0.0.0.0/0

Name	Security group rule ID	Port range	Protocol	Destination
-	sgr-0232df04810d52d64	All	All	0.0.0.0/0

Capstone instance SG configs

The screenshot displays the AWS Management Console interface for the 'Capstone' instance. The left sidebar shows navigation options like EC2 Dashboard, Instances, and Images. The main content area is titled 'Security details' and shows the instance's IAM Role, Owner ID (590183989711), and Launch time (Wed Oct 30 2024 10:06:20 GMT+0530 (India Standard Time)). The Security groups section lists 'sg-0e6300de883f4df85 (launch-wizard-5)'. Below this, the 'Inbound rules' table shows three rules: one for port 8080 (TCP), one for port 22 (TCP), and one for port 80 (TCP), all allowing traffic from 0.0.0.0/0. The 'Outbound rules' table shows one rule allowing all traffic to 0.0.0.0/0.

Name	Security group rule ID	Port range	Protocol	Source
-	sgr-02461b73abc8acab9	8080	TCP	0.0.0.0/0
-	sgr-08ba4de050428943f	22	TCP	0.0.0.0/0
-	sgr-000efc6c776b8a3df	80	TCP	0.0.0.0/0

Name	Security group rule ID	Port range	Protocol	Destination
-	sgr-0a88b4023bcca5cfe	All	All	0.0.0.0/0