## **GUVI\_REACT APPLICATION**

DEPLOYED IP ADDRESS: <u>35.78.245.148</u>

DEPLOYED IP ADDRESS: ec2-35-78-245-148.ap-northeast-1.compute.amazonaws.com

Git hub link: <a href="https://github.com/jeeviarajsam/guvi">https://github.com/jeeviarajsam/guvi</a> project1.git





Dockerfile and docker-compose.yml file creation:

```
## Open the property of the p
```

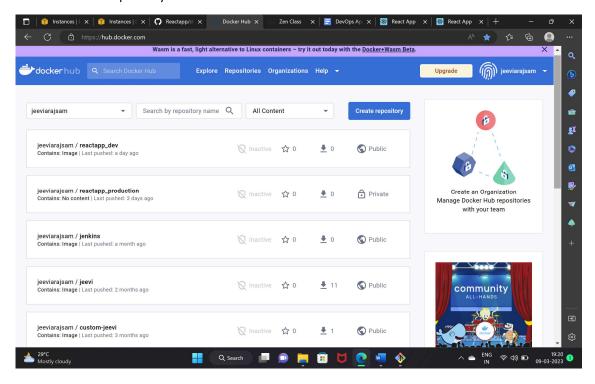
#### Build.sh file created

#### Deploy.sh file created

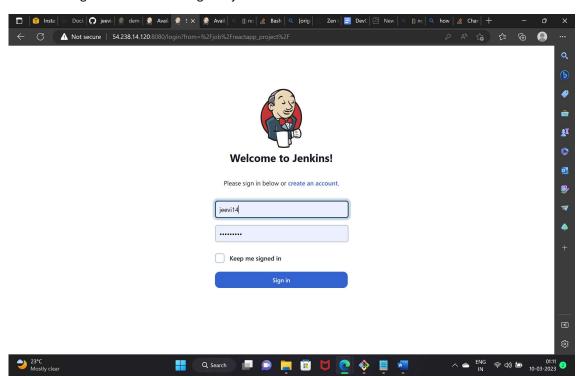
#### Git repocitory with 2 branches (master & dev ) created

```
ubuntu@ip-172-31-7-2:~/guvi_project/project1/reactjs-demo$ vim deploy.sh
ubuntu@ip-172-31-7-2:~/guvi_project/project1/reactjs-demo$ git branch
  dev
   master
ubuntu@ip-172-31-7-2:~/guvi_project/project1/reactjs-demo$ ls -la
total 616
                                             4096 Mar 10 08:50 .
4096 Mar 9 19:03 ...
drwxrwxr-x 5 ubuntu ubuntu
drwxrwxr-x 3 ubuntu ubuntu
                                             4096 Mar 10 08:31 .git
drwxrwxr-x 8 ubuntu ubuntu
                                             310 Mar 9 19:03 .gitignore
173 Mar 9 19:09 Dockerfile
2907 Mar 9 19:04 README.md
 -rw-rw-r-- 1 ubuntu ubuntu
 -rw-rw-r-- 1 ubuntu ubuntu
-rw-rw-r-- 1 ubuntu ubuntu
                                             2907 Mar 9 19:04 README.md
226 Mar 9 21:21 build.sh
1256 Mar 10 08:31 deploy.sh
 -rw-rw-r-- 1 ubuntu ubuntu
 rw-rw-r-- 1 ubuntu ubuntu
 -rw-rw-r-- 1 ubuntu ubuntu 1236 Mar 10 08.31 deproy.3n
-rw-rw-r-- 1 ubuntu ubuntu 136 Mar 10 05:11 docker-compose.yml
-rw-rw-r-- 1 ubuntu ubuntu 0 Mar 10 08:13 jenkins
-rw-rw-r-- 1 ubuntu ubuntu 579092 Mar 9 19:03 package-lock.json
-rw-rw-r-- 1 ubuntu ubuntu
drwxrwxr-x 2 ubuntu ubuntu
drwxrwxr-x 3 ubuntu ubuntu
                                              812 Mar 9 19:03 package.json
                                            4096 Mar 9 19:03 public
4096 Mar 9 19:03 src
ubuntu@ip-172-31-7-2:~/guvi_project/project1/reactjs-demo$
```

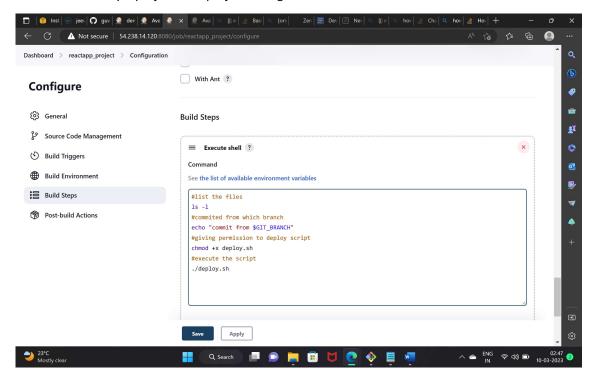
# Create 2 docker repocitory in docker hub:



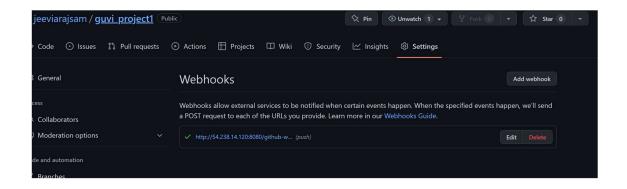
## Jenkins configuration done and login as jeevi14 user



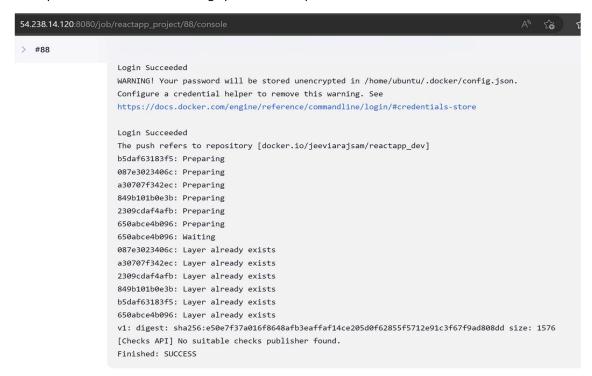
Create new freestyle project with project configuration:



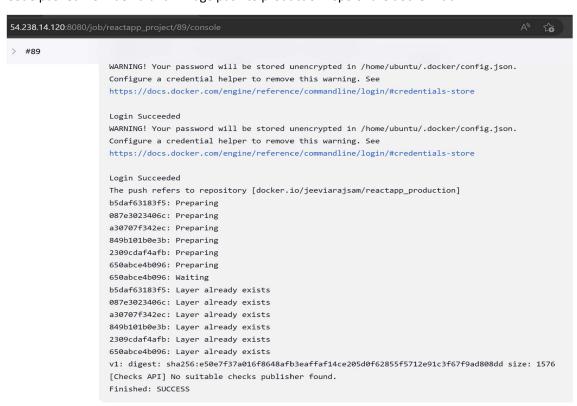
Create webhook in github for trigger the push event from github repocitory to jenkins



#### Code pushed from dev branch image push to dev repo of the docker hub

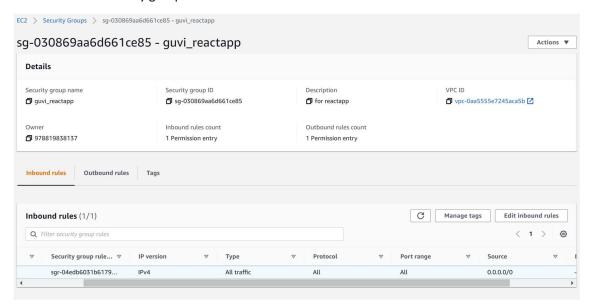


## Code pushed from dev branch image push to production repo of the docker hub

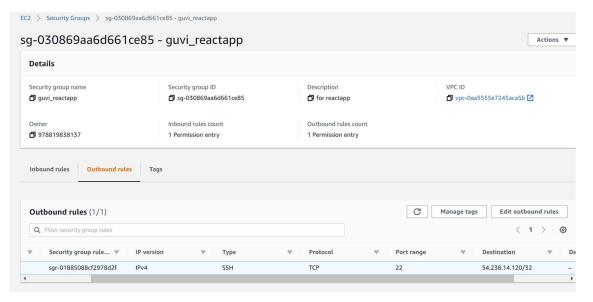


# Security group created in AWS EC2 with the name guvi\_reactapp

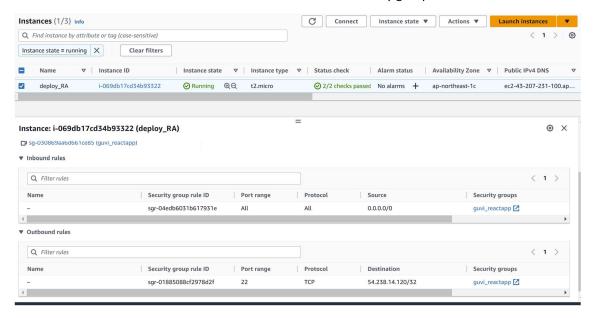
## Inboud rules of security group



## Outbound rules of the security group

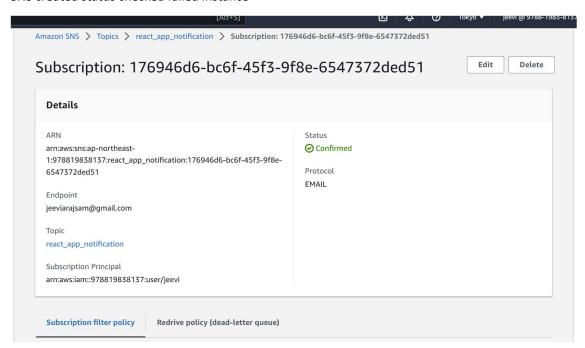


## Instance launched with t2.micro and attached with created securtiy group

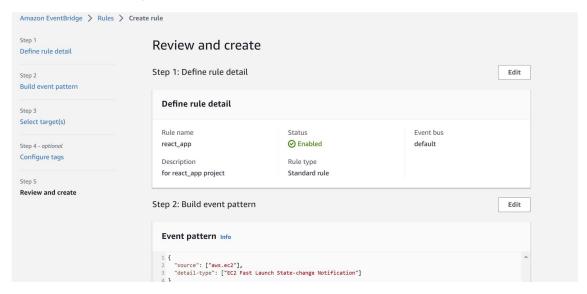


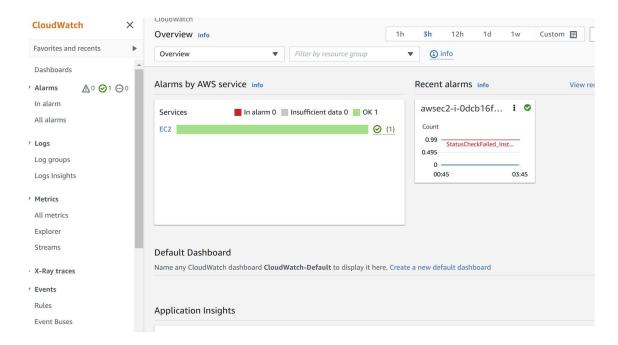
## Cloud watch monitoring

SNS created status checked failed instance



Cloud watch monitoring and event created for status check failure instance:





Output application run in created instance:

From production branch

http://35.78.245.148/, ec2-43-207-231-100.ap-northeast-1.compute.amazonaws.com





