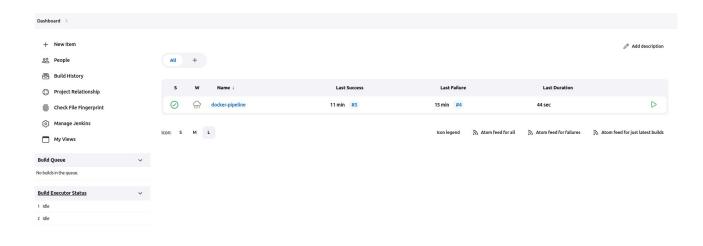
configure jenkins image to run docker commands on your hos docker daemon

```
os@os-Lenovo-ideapad-330-15IKB:~/Desktop/task$ sudo docker exec -it fb5305242cea bash
[sudo] password for os:
root@fb5305242cea:/# docker ps
CONTAINER ID IMAGE
                                          COMMAND
                                                                   CREATED
                                                                                STATUS
                                                                                             PORTS
                                                                                                                                                    NAMES
                                          "docker-entrypoint.s..."
e7287b03e9c1
              raniiaashraff/iticau:v1.0
                                                                  5 hours ago
                                                                                Up 5 hours
                                                                                             0.0.0.0:3000->3000/tcp, :::3000->3000/tcp
                                                                                                                                                    clever_wiles
                                          "/usr/bin/tini -- /u..."
                                                                  5 hours ago
                                                                                Up 5 hours
                                                                                             50000/tcp, 0.0.0.0:8084->8080/tcp, :::8084->8080/tcp
                                                                                                                                                   ecstatic rubin
fb5305242cea
              jenkins docker
cd6592878174 jenkins/jenkins:lts
                                          "/usr/bin/tini -- /u..."
                                                                                             50000/tcp, 0.0.0.0:8083->8080/tcp, :::8083->8080/tcp
                                                                                Up 9 hours
                                                                                                                                                   magical_kowalevski
                                                                  5 days ago
root@fb5305242cea:/#
```

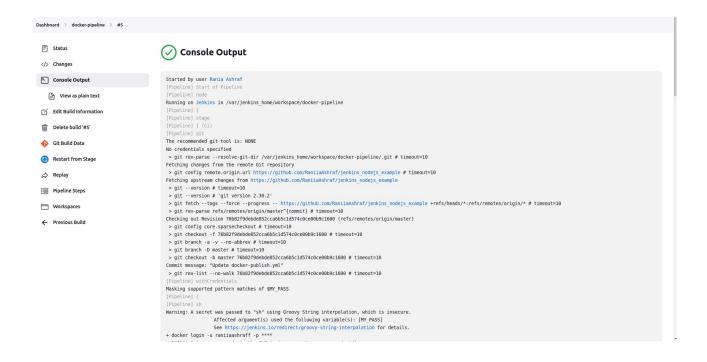
reate CI/CD for this repo https://github.com/mahmoud254/jenkins nodejs example.git

```
Script ?

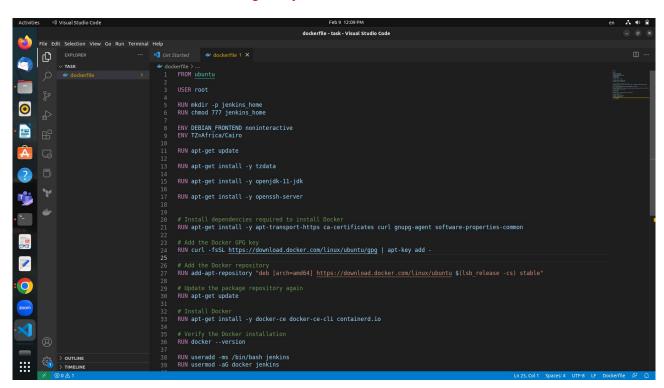
| Stage('Ci') {
| Steps {
| git https://github.com/RaniiaAshraf/jenkins.nodejs.example |
| withCredentials([usernamePassword(credentialsId: 'dockerhub', passwordVariable: 'MY_PASS', usernameVariable: 'MY_USER')]) {
| sh "" |
| docker login -u ${MY_USER} -p ${MY_PASS} |
| docker puild . -f dockerfile -t ranitaashraff/iticau:v1.0 |
| docker push raniiaashraff/iticau:v1.0 |
| in the control of the con
```



REST API Jenkins 2.375.2



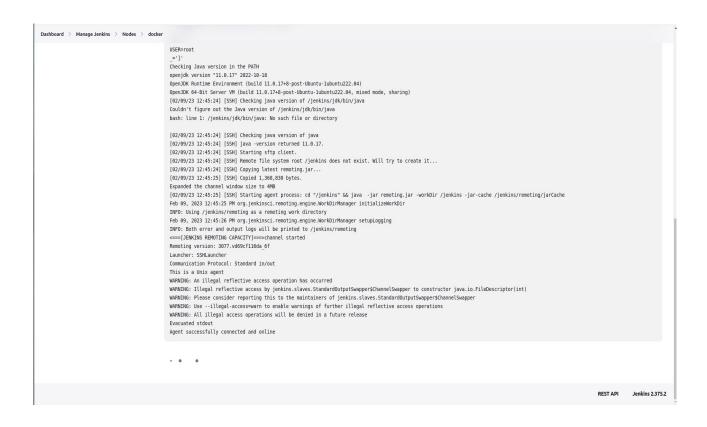
> create docker file to build image for jenkins slave

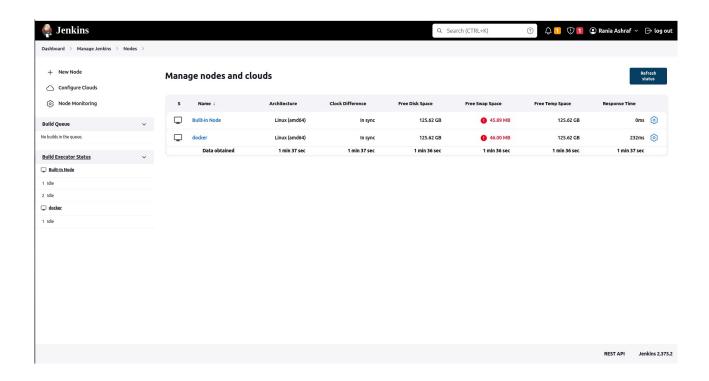


> create container from this image and configure ssh

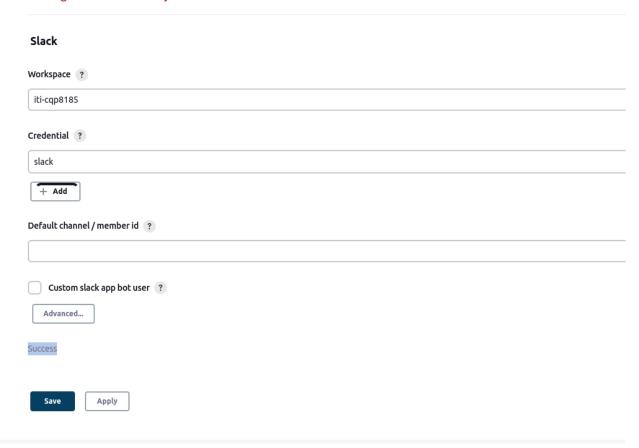
```
root@c14675e02b48:~/.ssh# vin id_rsa
root@c14675e02b48:~/.ssh# vin id_rsa.pub
root@c14675e02b48:~/.ssh# cp id_rsa.pub authorized-keys
root@c14675e02b48:~/.ssh# cp id_rsa.pub authorized-keys
root@c14675e02b48:~/.ssh# cp id_rsa.pub authorized-keys
root@c14675e02b48:~/.ssh# cp id_rsa.pub authorized-keys
root@c14675e02b48:~/.ssh# rm authorized-keys
root@c14675e02b48:~/.ssh# rm authorized-keys
root@c14675e02b48:~/.ssh# ls
authorized_keys id_rsa id_rsa.pub
root@c14675e02b48:~/.ssh# vin authorized_keys
```

from jenkins maste create new node with the slave container

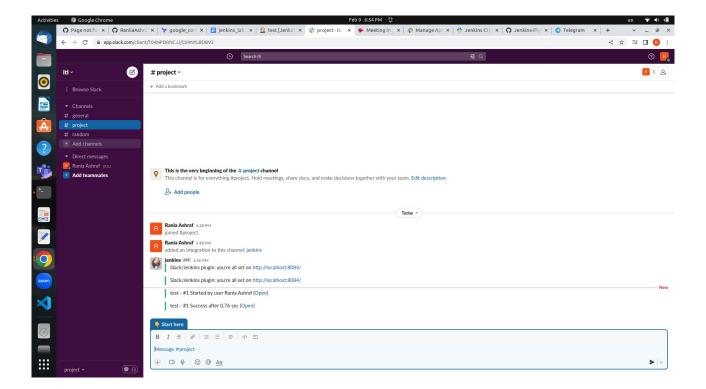


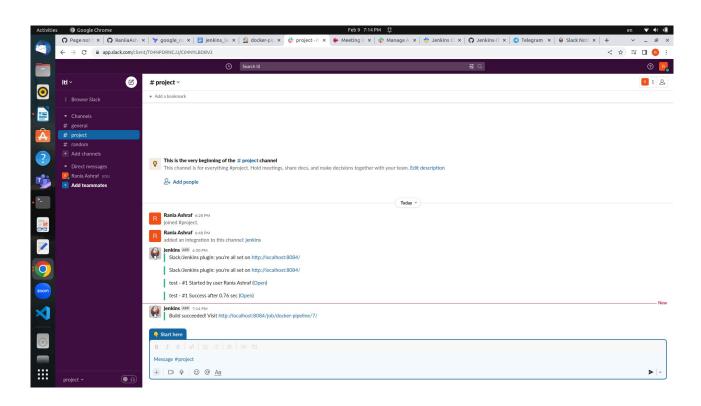


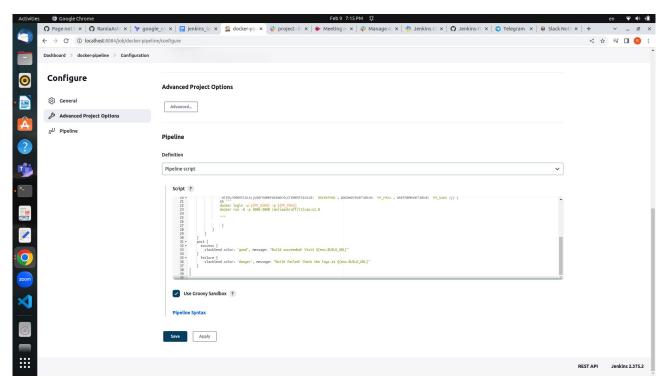
integrate slack with jenkins



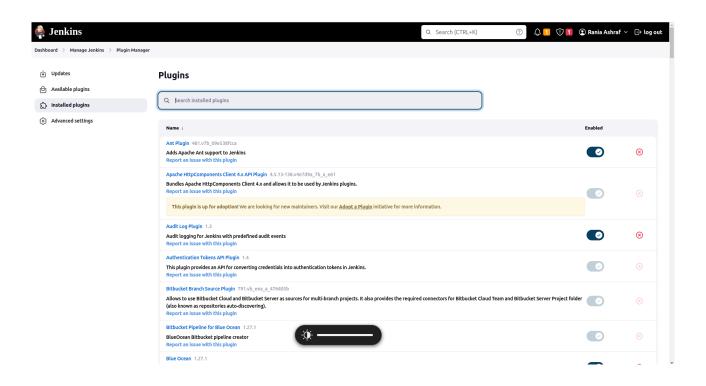
> send slack message when stage in your pipeline is successful

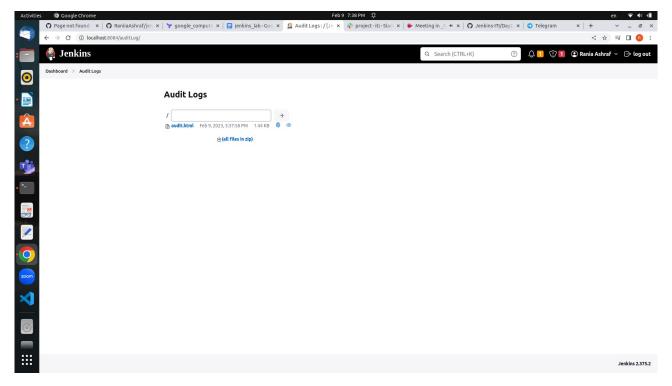






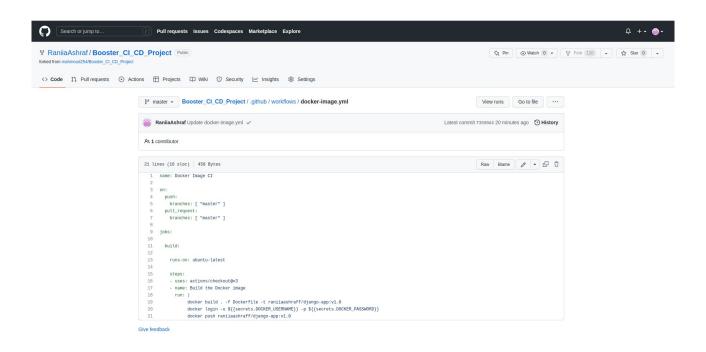
> install audit logs plugin and test it

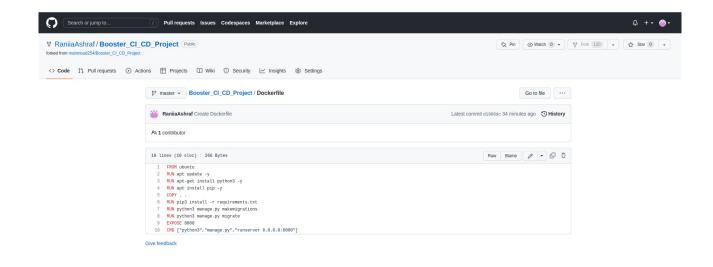






➤ fork the following repo https://github.com/mahmoud254/Booster_CI_CD_Project and add dockerfile to run this django app and use github actions to build the docker image and push it to your dockerhub





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