SCREENSHOT OF JENKINSFILE

sirah@ubuntu1: ~/november_mini_project

```
sirah@ubuntu1:~/november_mini_project$ cat Jenkinsfile
pipeline {
    agent any

    environment {
        DOCKERHUB_CREDENTIALS  = 'dockerhub-creds'
        AWS_ACCESS_KEY_ID      = credentials('aws-access-key')
        AWS_SECRET_ACCESS_KEY  = credentials('aws-secret-key')
        DOCKER_IMAGE           = 'syrha/november_project:latest'
        EC2_USER               = 'ubuntu'
        EC2_HOST               = '54.160.197.1'
        APP_PORT_HOST          = '8082'   // EC2 port
        APP_PORT_CONTAINER     = '8000'   // Django port
    }

    stages {

        stage('Checkout') {
            steps {
                sh '''
                    mkdir -p ~/.ssh
                    ssh-keyscan -t rsa github.com >> ~/.ssh/known_hosts
                '''
                git branch: 'GROUP-D',
                    url: 'git@github.com:women-techsters-fellowship/november_mini_project.git'
            }
        }

        stage('Build & Push Docker Image') {
            steps {
                withCredentials([usernamePassword(
                    credentialsId: 'dockerhub-creds',
                    usernameVariable: 'DOCKERHUB_USER',
```

sirah@ubuntu1: ~/november_mini_project

```
        stage('Build & Push Docker Image') {
            steps {
                withCredentials([usernamePassword(
                    credentialsId: 'dockerhub-creds',
                    usernameVariable: 'DOCKERHUB_USER',
                    passwordVariable: 'DOCKERHUB_PASS'
                )]) {
                    sh '''
                        echo "$DOCKERHUB_PASS" | docker login -u "$DOCKERHUB_USER" --password-stdin

                        docker buildx use amd64builder || \
                        docker buildx create --name amd64builder --use

                        docker buildx build \
                            --platform linux/amd64 \
                            -t syrha/november_project:latest \
                            --push .
                    '''
                }
            }
        }

        stage('Deploy to EC2') {
            steps {
                sshagent(['ec2-ssh-key']) {
                    sh """
                        ssh -o StrictHostKeyChecking=no ${EC2_USER}@${EC2_HOST} '

                            # Install Docker if missing
                            if ! command -v docker &> /dev/null; then
                                sudo apt-get update
                                sudo apt-get install -y docker.io
                                sudo usermod -aG docker ubuntu
```

```
stage('Deploy to EC2') {
    steps {
        sshagent(['ec2-ssh-key']) {
            sh """
                ssh -o StrictHostKeyChecking=no ${EC2_USER}@${EC2_HOST} '

                    # Install Docker if missing
                    if ! command -v docker &> /dev/null; then
                        sudo apt-get update
                        sudo apt-get install -y docker.io
                        sudo usermod -aG docker ubuntu
                    fi

                    # Pull latest image
                    sudo docker pull ${DOCKER_IMAGE}

                    # Stop old container
                    sudo docker rm -f python_app || true

                    # Run new container
                    sudo docker run -d --name python_app \\
                      -p ${APP_PORT_HOST}:${APP_PORT_CONTAINER} \\
                        ${DOCKER_IMAGE}
                '
            """
        }
    }
}

post {
    success {
        echo "Deployment successful!"
```

```
                        sudo apt-get update
                        sudo apt-get install -y docker.io
                        sudo usermod -aG docker ubuntu
                    fi

                    # Pull latest image
                    sudo docker pull ${DOCKER_IMAGE}

                    # Stop old container
                    sudo docker rm -f python_app || true

                    # Run new container
                    sudo docker run -d --name python_app \\
                      -p ${APP_PORT_HOST}:${APP_PORT_CONTAINER} \\
                        ${DOCKER_IMAGE}
                '
            """
        }
    }
}

post {
    success {
        echo "Deployment successful!"
    }
    failure {
        echo "Deployment failed."
    }
}
}
sirah@ubuntu1:~/november_mini_project$ cd ..
```
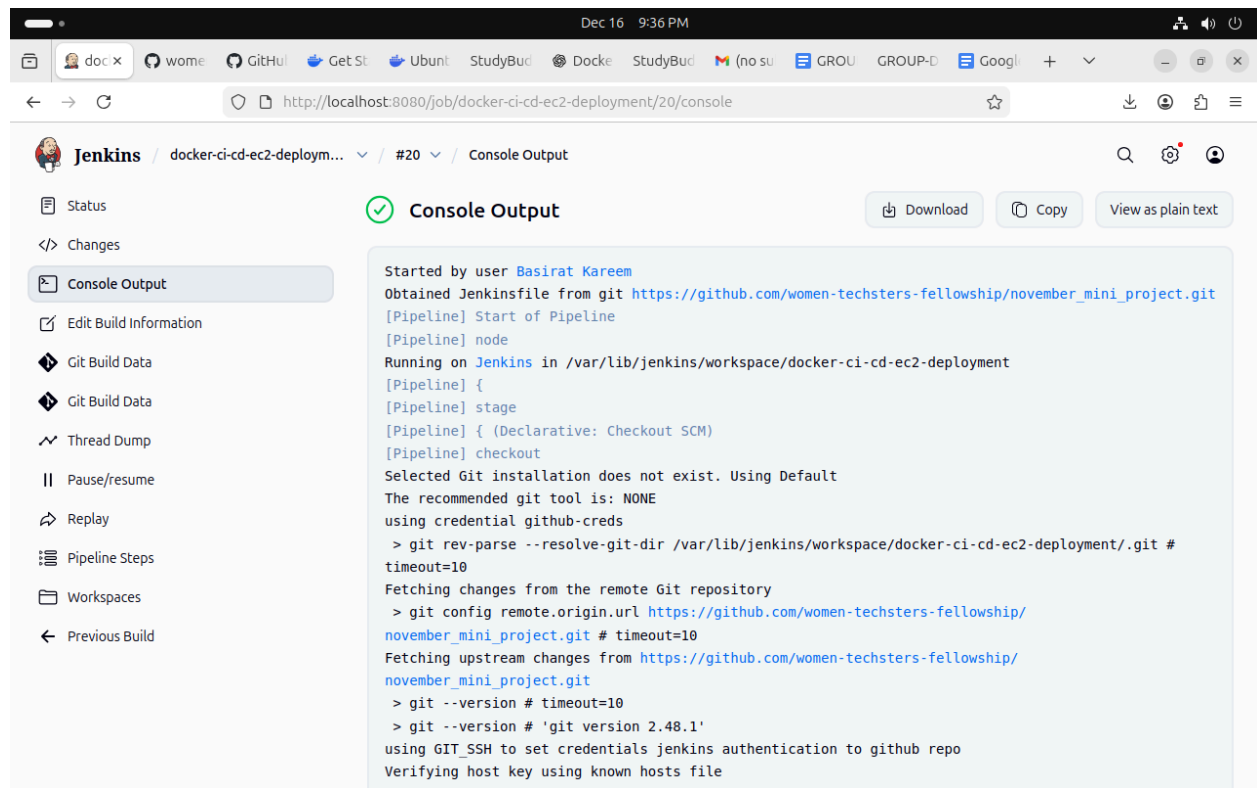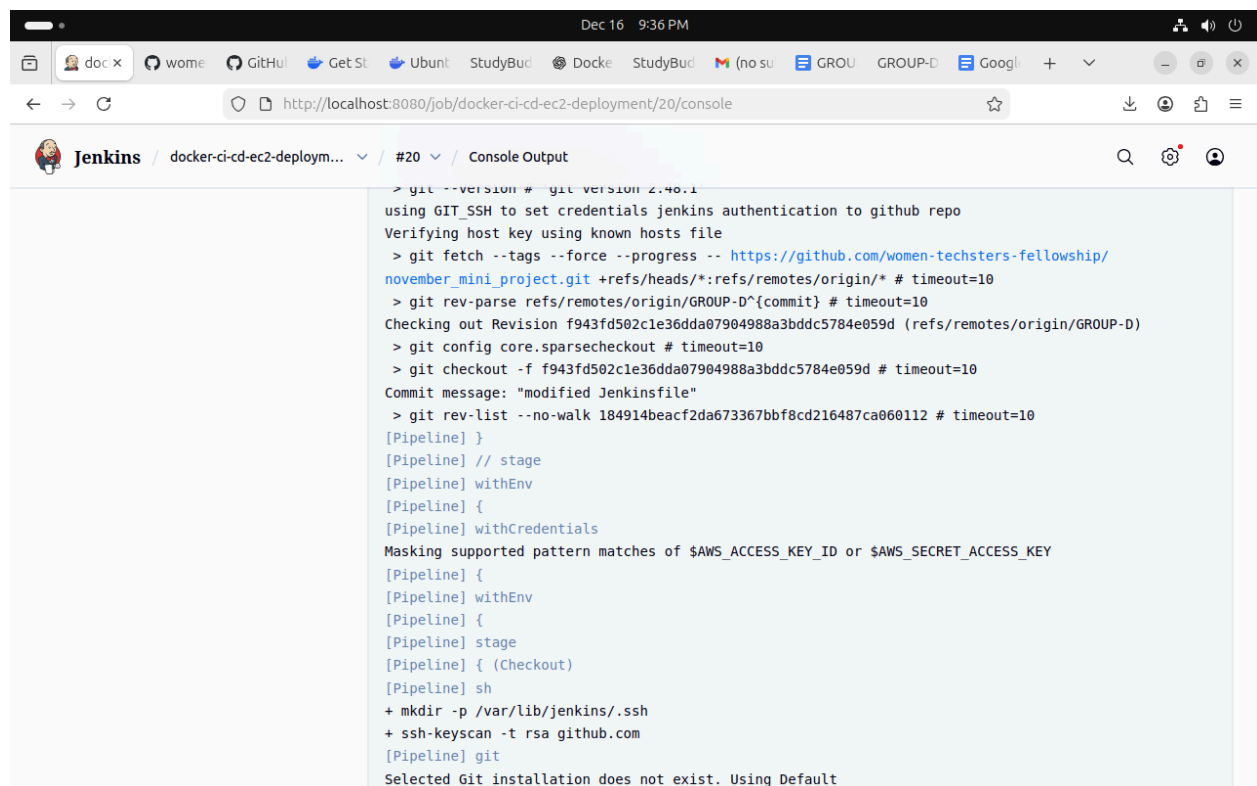
SCREENSHOT OF JENKINS JOB OUTPUT

Console Output

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```
Started by user Basirat Kareem
Obtained Jenkinsfile from git https://github.com/women-techsters-fellowship/november_mini_project.git
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/docker-ci-cd-ec2-deployment
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
using credential github-creds
 > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/docker-ci-cd-ec2-deployment/.git # timeout=10
Fetching changes from the remote Git repository
 > git config remote.origin.url https://github.com/women-techsters-fellowship/november_mini_project.git # timeout=10
Fetching upstream changes from https://github.com/women-techsters-fellowship/november_mini_project.git
 > git --version # timeout=10
 > git --version # 'git version 2.48.1'
using GIT_SSH to set credentials jenkins authentication to github repo
Verifying host key using known hosts file
```

```
 > git --version # 'git version 2.48.1'
using GIT_SSH to set credentials jenkins authentication to github repo
Verifying host key using known hosts file
 > git fetch --tags --force --progress -- https://github.com/women-techsters-fellowship/november_mini_project.git +refs/heads/*:refs/remotes/origin/* # timeout=10
 > git rev-parse refs/remotes/origin/GROUP-D^{commit} # timeout=10
Checking out Revision f943fd502c1e36dda07904988a3bddc5784e059d (refs/remotes/origin/GROUP-D)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f f943fd502c1e36dda07904988a3bddc5784e059d # timeout=10
Commit message: "modified Jenkinsfile"
 > git rev-list --no-walk 184914beacf2da673367bbf8cd216487ca060112 # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] withCredentials
Masking supported pattern matches of $AWS_ACCESS_KEY_ID or $AWS_SECRET_ACCESS_KEY
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Checkout)
[Pipeline] sh
+ mkdir -p /var/lib/jenkins/.ssh
+ ssh-keyscan -t rsa github.com
[Pipeline] git
Selected Git installation does not exist. Using Default
```

```
+ ssh-keyscan -t rsa github.com
[Pipeline] git
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
 > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/docker-ci-cd-ec2-deployment/.git #
timeout=10
Fetching changes from the remote Git repository
 > git config remote.origin.url git@github.com:women-techsters-fellowship/november_mini_project.git #
timeout=10
Fetching upstream changes from git@github.com:women-techsters-fellowship/november_mini_project.git
 > git --version # timeout=10
 > git --version # 'git version 2.48.1'
 > git fetch --tags --force --progress -- git@github.com:women-techsters-fellowship/
november_mini_project.git +refs/heads/*:refs/remotes/origin/* # timeout=10
 > git rev-parse refs/remotes/origin/GROUP-D^{commit} # timeout=10
Checking out Revision f943fd502c1e36dda07904988a3bddc5784e059d (refs/remotes/origin/GROUP-D)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f f943fd502c1e36dda07904988a3bddc5784e059d # timeout=10
 > git branch -a -v --no-abbrev # timeout=10
 > git branch -D GROUP-D # timeout=10
 > git checkout -b GROUP-D f943fd502c1e36dda07904988a3bddc5784e059d # timeout=10
Commit message: "modified Jenkinsfile"
 > git rev-list --no-walk 184914beacf2da673367bbf8cd216487ca060112 # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
```

```
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build & Push Docker Image)
[Pipeline] withCredentials
Masking supported pattern matches of $DOCKERHUB_PASS
[Pipeline] {
[Pipeline] sh
+ echo ****
+ docker login -u syrha --password-stdin

WARNING! Your credentials are stored unencrypted in '/var/lib/jenkins/.docker/config.json'.
Configure a credential helper to remove this warning. See
https://docs.docker.com/go/credential-store/

Login Succeeded
+ docker buildx use amd64builder
+ docker buildx build --platform linux/amd64 -t syrha/november_project:latest --push .
#0 building with "amd64builder" instance using docker-container driver

#1 [internal] load build definition from Dockerfile
#1 transferring dockerfile: 1.12kB 0.0s done
#1 DONE 0.0s

#2 [internal] load metadata for docker.io/library/python:3.11-slim
#2 ...
```

```
#0 building with "amd64builder" instance using docker-container driver

#1 [internal] load build definition from Dockerfile
#1 transferring dockerfile: 1.12kB 0.0s done
#1 DONE 0.0s

#2 [internal] load metadata for docker.io/library/python:3.11-slim
#2 ...

#3 [auth] library/python:pull token for registry-1.docker.io
#3 DONE 0.0s

#2 [internal] load metadata for docker.io/library/python:3.11-slim
#2 DONE 2.6s

#4 [internal] load .dockerignore
#4 transferring context: 2B done
#4 DONE 0.0s

#5 [internal] load build context
#5 ...

#6 [1/6] FROM docker.io/library/python:3.11-
slim@sha256:158caf0e080e2cd74ef2879ed3c4e697792ee65251c8208b7afb56683c32ea6c
#6 resolve docker.io/library/python:3.11-
slim@sha256:158caf0e080e2cd74ef2879ed3c4e697792ee65251c8208b7afb56683c32ea6c 0.1s done
```

```
#6 resolve docker.io/library/python:3.11-
slim@sha256:158caf0e080e2cd74ef2879ed3c4e697792ee65251c8208b7afb56683c32ea6c 0.1s done
#6 DONE 0.1s

#5 [internal] load build context
#5 transferring context: 53.67kB 0.2s done
#5 DONE 0.3s

#7 [2/6] RUN apt-get update && apt-get install -y    build-essential    gcc    libjpeg62-turbo-dev
zlib1g-dev    libpng-dev    libfreetype6-dev    liblcms2-dev    libopenjp2-7-dev    libtiff5-dev
tk-dev    libwebp-dev    && rm -rf /var/lib/apt/lists/*
#7 CACHED

#8 [3/6] WORKDIR /app
#8 CACHED

#9 [4/6] COPY requirements.txt .
#9 CACHED

#10 [5/6] RUN pip3 install --no-cache-dir -r requirements.txt
#10 CACHED

#11 [6/6] COPY . .
#11 DONE 0.7s

#12 exporting to image
```

```
#5 transferring context: 33.07kB 0.2s done
#5 DONE 0.3s

#7 [2/6] RUN apt-get update && apt-get install -y    build-essential    gcc    libjpeg62-turbo-dev
zlib1g-dev    libpng-dev    libfreetype6-dev    liblcms2-dev    libopenjp2-7-dev    libtiff5-dev
tk-dev    libwebp-dev    && rm -rf /var/lib/apt/lists/*
#7 CACHED

#8 [3/6] WORKDIR /app
#8 CACHED

#9 [4/6] COPY requirements.txt .
#9 CACHED

#10 [5/6] RUN pip3 install --no-cache-dir -r requirements.txt
#10 CACHED

#11 [6/6] COPY . .
#11 DONE 0.7s

#12 exporting to image
#12 exporting layers
#12 exporting layers 3.3s done
#12 exporting manifest sha256:72182f7f7aa93cec07964649ece56800f5ca7c1b6e43b2f5b18bd7c7720890ea 0.0s
done
#12 exporting config sha256:979f1c4b5a83bc111a7e16fde6a60cae5b7b321ac7f71cf3a207f51f446ea746 done
#12 exporting attestation manifest
```

```
#11 DONE 0.7s

#12 exporting to image
#12 exporting layers
#12 exporting layers 3.3s done
#12 exporting manifest sha256:72182f7f7aa93cec07964649ece56800f5ca7c1b6e43b2f5b18bd7c7720890ea 0.0s
done
#12 exporting config sha256:979f1c4b5a83bc111a7e16fde6a60cae5b7b321ac7f71cf3a207f51f446ea746 done
#12 exporting attestation manifest
sha256:722ca71358ead1ec6de28aef259a204f16a5732697c2854a29a42d7179b40733 0.0s done
#12 exporting manifest list sha256:a44406d76608b5d69a7b43021806797122af39423811c94554280e686a925a75
done
#12 pushing layers
#12 ...

#13 [auth] syrha/november_project:pull,push token for registry-1.docker.io
#13 DONE 0.0s

#12 exporting to image
#12 pushing layers 111.2s done
#12 pushing manifest for docker.io/syrha/
november_project:latest@sha256:a44406d76608b5d69a7b43021806797122af39423811c94554280e686a925a75
#12 pushing manifest for docker.io/syrha/
november_project:latest@sha256:a44406d76608b5d69a7b43021806797122af39423811c94554280e686a925a75 4.2s
done
#12 DONE 118.8s
[Pipeline] }
```

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http://localhost:8080/job/docker-ci-cd-ec2-deployment/20/console

Jenkins / docker-ci-cd-ec2-deploym... / #20 / Console Output

```
#13 [auth] syrha/november_project:pull,push token for registry-1.docker.io
#13 DONE 0.0s

#12 exporting to image
#12 pushing layers 111.2s done
#12 pushing manifest for docker.io/syrha/
november_project:latest@sha256:a44406d76608b5d69a7b43021806797122af39423811c94554280e686a925a75
#12 pushing manifest for docker.io/syrha/
november_project:latest@sha256:a44406d76608b5d69a7b43021806797122af39423811c94554280e686a925a75 4.2s
done
#12 DONE 118.8s
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Deploy to EC2)
[Pipeline] sshagent
[ssh-agent] Using credentials ubuntu (ec2-ssh-key)
$ ssh-agent
SSH_AUTH_SOCK=/tmp/ssh-kSYHxuaE3aDx/agent.4584
SSH_AGENT_PID=4589
Running ssh-add (command line suppressed)
Identity added: /var/lib/jenkins/workspace/docker-ci-cd-ec2-deployment@tmp/
private_key_16975922189596175059.key (/var/lib/jenkins/workspace/docker-ci-cd-ec2-deployment@tmp/
private_key_16975922189596175059.key)
[ssh-agent] Started.
```

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http://localhost:8080/job/docker-ci-cd-ec2-deployment/20/console

Jenkins / docker-ci-cd-ec2-deploym... / #20 / Console Output

```
[ssh-agent] Using credentials ubuntu (ec2-ssh-key)
$ ssh-agent
SSH_AUTH_SOCK=/tmp/ssh-kSYHxuaE3aDx/agent.4584
SSH_AGENT_PID=4589
Running ssh-add (command line suppressed)
Identity added: /var/lib/jenkins/workspace/docker-ci-cd-ec2-deployment@tmp/
private_key_16975922189596175059.key (/var/lib/jenkins/workspace/docker-ci-cd-ec2-deployment@tmp/
private_key_16975922189596175059.key)
[ssh-agent] Started.
[Pipeline] {
[Pipeline] sh
+ ssh -o StrictHostKeyChecking=no ubuntu@54.160.197.1

                              # Install Docker if missing
                              if ! command -v docker &> /dev/null; then
                                  sudo apt-get update
                                  sudo apt-get install -y docker.io
                                  sudo usermod -aG docker ubuntu
                              fi

                              # Pull latest image
                              sudo docker pull syrha/november_project:latest

                              # Stop old container
                              sudo docker rm -f python_app || true

                              # Run new container
```

```
                          sudo docker pull syrha/november_project:latest

                          # Stop old container
                          sudo docker rm -f python_app || true

                          # Run new container
                          sudo docker run -d --name python_app \
                            -p 8082:8000 \
                            syrha/november_project:latest
```

Warning: Permanently added '54.160.197.1' (ED25519) to the list of known hosts.
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Reading package lists...
Reading package lists...
Building dependency tree...
Reading state information...
The following additional packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base pigz runc ubuntu-fan
Suggested packages:
  ifupdown aufs-tools cgroupfs-mount | cgroup-lite debootstrap docker-buildx
  docker-compose-v2 docker-doc rinse zfs-fuse | zfsutils
The following NEW packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base docker.io pigz runc
  ubuntu-fan

```
  bridge-utils containerd dns-root-data dnsmasq-base pigz runc ubuntu-fan
Suggested packages:
  ifupdown aufs-tools cgroupfs-mount | cgroup-lite debootstrap docker-buildx
  docker-compose-v2 docker-doc rinse zfs-fuse | zfsutils
The following NEW packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base docker.io pigz runc
  ubuntu-fan
0 upgraded, 8 newly installed, 0 to remove and 58 not upgraded.
Need to get 76.0 MB of archives.
After this operation, 288 MB of additional disk space will be used.
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 pigz amd64 2.8-1 [65.6 kB]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 bridge-utils amd64
1.7.1-1ubuntu2 [33.9 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 runc amd64
1.3.3-0ubuntu1~24.04.3 [8815 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 containerd amd64
1.7.28-0ubuntu1~24.04.1 [38.4 MB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 dns-root-data all
2024071801~ubuntu0.24.04.1 [5918 B]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 dnsmasq-base amd64
2.90-2ubuntu0.1 [376 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 docker.io amd64
28.2.2-0ubuntu1~24.04.1 [28.3 MB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 ubuntu-fan all
0.12.16+24.04.1 [34.2 kB]
debconf: unable to initialize frontend: Dialog
debconf: (Dialog frontend will not work on a dumb terminal, an emacs shell buffer, or without a
```

```
debconf: (This frontend requires a controlling tty.)
debconf: falling back to frontend: Teletype
dpkg-preconfigure: unable to re-open stdin:
Fetched 76.0 MB in 2s (34.6 MB/s)
Selecting previously unselected package pigz.
(Reading database ...
(Reading database ... 5%
(Reading database ... 10%
(Reading database ... 15%
(Reading database ... 20%
(Reading database ... 25%
(Reading database ... 30%
(Reading database ... 35%
(Reading database ... 40%
(Reading database ... 45%
(Reading database ... 50%
(Reading database ... 55%
(Reading database ... 60%
(Reading database ... 65%
(Reading database ... 70%
(Reading database ... 75%
(Reading database ... 85%
(Reading database ... 90%
(Reading database ... 95%
(Reading database ... 100%
(Reading database ... 71735 files and directories currently installed.)
Preparing to unpack .../0-pigz_2.8-1_amd64.deb ...
```

```
Unpacking pigz (2.8-1) ...
Selecting previously unselected package bridge-utils.
Preparing to unpack .../1-bridge-utils_1.7.1-1ubuntu2_amd64.deb ...
Unpacking bridge-utils (1.7.1-1ubuntu2) ...
Selecting previously unselected package runc.
Preparing to unpack .../2-runc_1.3.3-0ubuntu1~24.04.3_amd64.deb ...
Unpacking runc (1.3.3-0ubuntu1~24.04.3) ...
Selecting previously unselected package containerd.
Preparing to unpack .../3-containerd_1.7.28-0ubuntu1~24.04.1_amd64.deb ...
Unpacking containerd (1.7.28-0ubuntu1~24.04.1) ...
Selecting previously unselected package dns-root-data.
Preparing to unpack .../4-dns-root-data_2024071801~ubuntu0.24.04.1_all.deb ...
Unpacking dns-root-data (2024071801~ubuntu0.24.04.1) ...
Selecting previously unselected package dnsmasq-base.
Preparing to unpack .../5-dnsmasq-base_2.90-2ubuntu0.1_amd64.deb ...
Unpacking dnsmasq-base (2.90-2ubuntu0.1) ...
Selecting previously unselected package docker.io.
Preparing to unpack .../6-docker.io_28.2.2-0ubuntu1~24.04.1_amd64.deb ...
Unpacking docker.io (28.2.2-0ubuntu1~24.04.1) ...
Selecting previously unselected package ubuntu-fan.
Preparing to unpack .../7-ubuntu-fan_0.12.16+24.04.1_all.deb ...
Unpacking ubuntu-fan (0.12.16+24.04.1) ...
Setting up dnsmasq-base (2.90-2ubuntu0.1) ...
Setting up runc (1.3.3-0ubuntu1~24.04.3) ...
Setting up dns-root-data (2024071801~ubuntu0.24.04.1) ...
Setting up bridge-utils (1.7.1-1ubuntu2) ...
debconf: unable to initialize frontend: Dialog
```

```
Unpacking docker.io (28.2.2-0ubuntu1~24.04.1) ...
Selecting previously unselected package ubuntu-fan.
Preparing to unpack .../7-ubuntu-fan_0.12.16+24.04.1_all.deb ...
Unpacking ubuntu-fan (0.12.16+24.04.1) ...
Setting up dnsmasq-base (2.90-2ubuntu0.1) ...
Setting up runc (1.3.3-0ubuntu1~24.04.3) ...
Setting up dns-root-data (2024071801~ubuntu0.24.04.1) ...
Setting up bridge-utils (1.7.1-1ubuntu2) ...
debconf: unable to initialize frontend: Dialog
debconf: (Dialog frontend will not work on a dumb terminal, an emacs shell buffer, or without a
controlling terminal.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (This frontend requires a controlling tty.)
debconf: falling back to frontend: Teletype
Setting up pigz (2.8-1) ...
Setting up containerd (1.7.28-0ubuntu1~24.04.1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /usr/lib/systemd/
system/containerd.service.

Setting up ubuntu-fan (0.12.16+24.04.1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/ubuntu-fan.service → /usr/lib/systemd/
system/ubuntu-fan.service.

Setting up docker.io (28.2.2-0ubuntu1~24.04.1) ...
debconf: unable to initialize frontend: Dialog
debconf: (Dialog frontend will not work on a dumb terminal, an emacs shell buffer, or without a
```

```
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /usr/lib/systemd/
system/containerd.service.

Setting up ubuntu-fan (0.12.16+24.04.1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/ubuntu-fan.service → /usr/lib/systemd/
system/ubuntu-fan.service.

Setting up docker.io (28.2.2-0ubuntu1~24.04.1) ...
debconf: unable to initialize frontend: Dialog
debconf: (Dialog frontend will not work on a dumb terminal, an emacs shell buffer, or without a
controlling terminal.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (This frontend requires a controlling tty.)
debconf: falling back to frontend: Teletype
info: Selecting GID from range 100 to 999 ...
info: Adding group `docker' (GID 113) ...
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/
docker.service.

Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/
docker.socket.

Processing triggers for dbus (1.14.10-4ubuntu4.1) ...
Processing triggers for man-db (2.12.0-4build2) ...
debconf: unable to initialize frontend: Dialog
debconf: (Dialog frontend will not work on a dumb terminal, an emacs shell buffer, or without a
```

```
docker.socket.

Processing triggers for dbus (1.14.10-4ubuntu4.1) ...
Processing triggers for man-db (2.12.0-4build2) ...
debconf: unable to initialize frontend: Dialog
debconf: (Dialog frontend will not work on a dumb terminal, an emacs shell buffer, or without a
controlling terminal.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (This frontend requires a controlling tty.)
debconf: falling back to frontend: Teletype

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
latest: Pulling from syrha/november_project
1733a4cd5954: Pulling fs layer
72cf4c3b8301: Pulling fs layer
4d55cfecf366: Pulling fs layer
3f0cdbca744e: Pulling fs layer
0574dd546114: Pulling fs layer
```
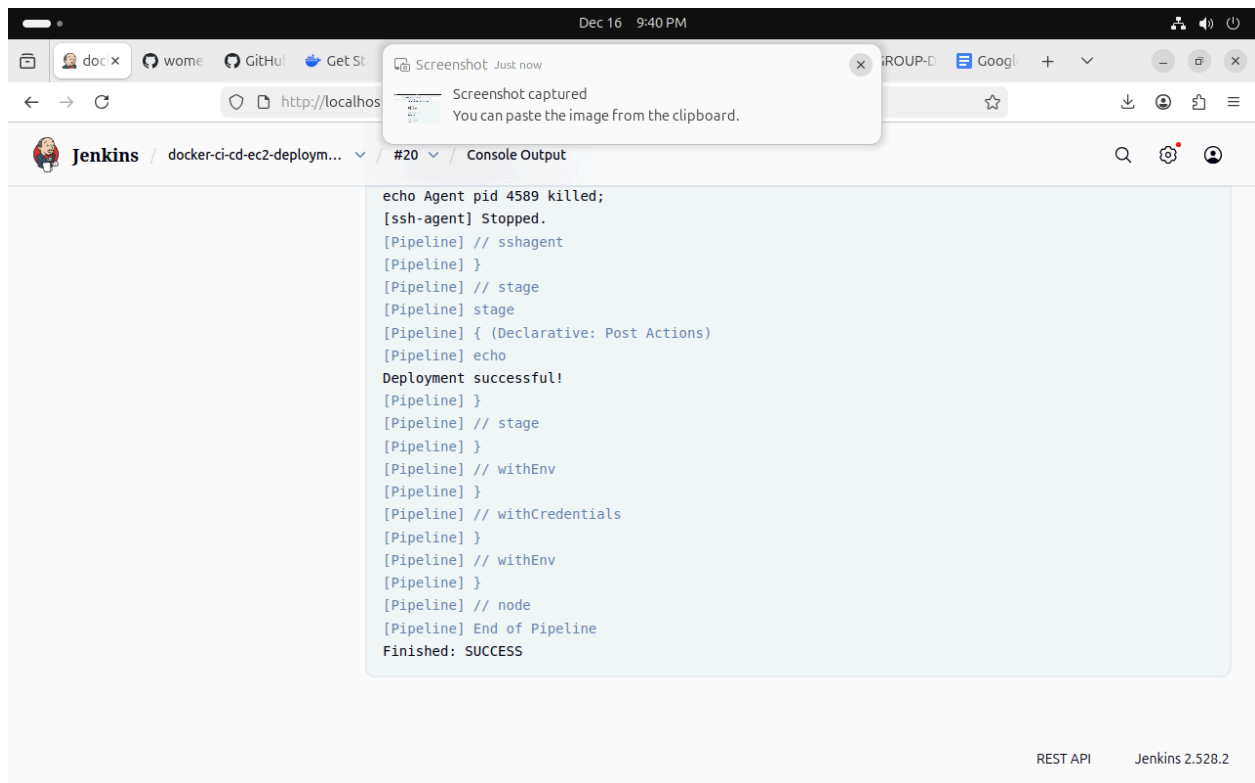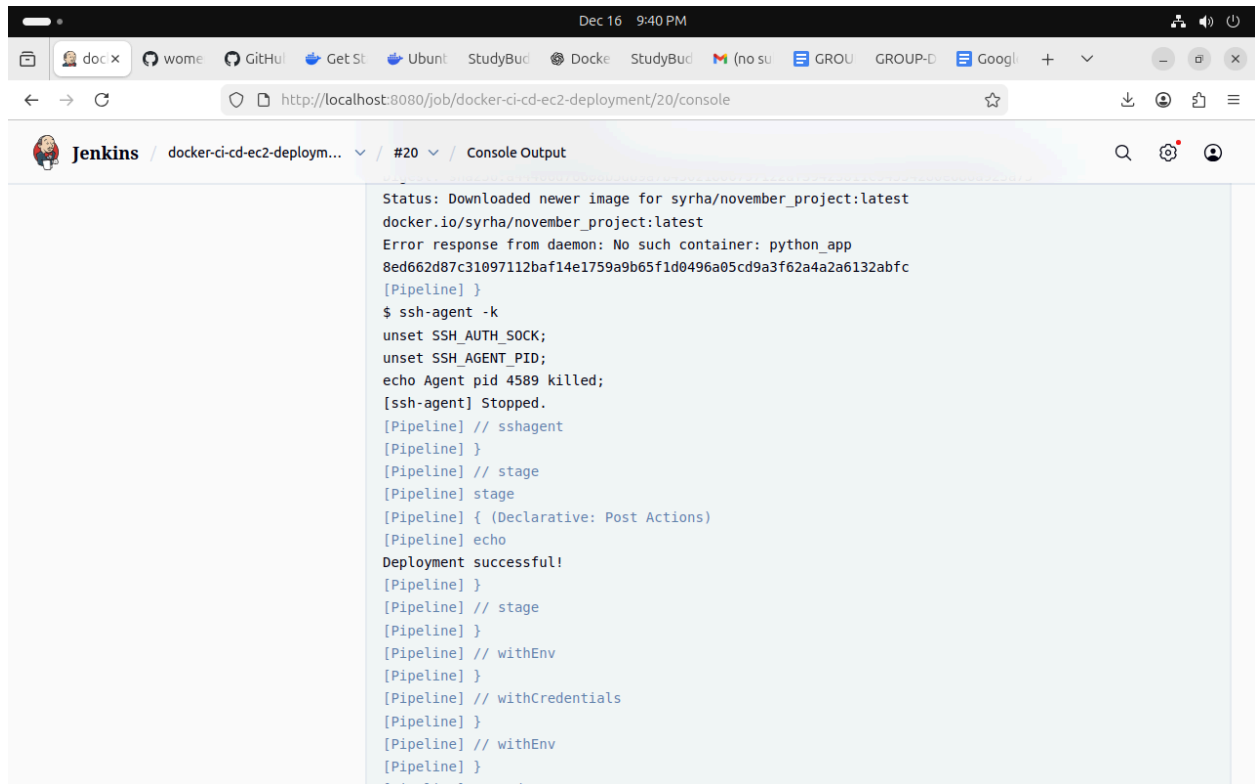
```
2169c9a934fc: Pulling fs layer
bf06f78e5dfa: Waiting
5c714d60d81a: Waiting
de7f098c5dfb: Waiting
2169c9a934fc: Waiting
3f0cdbca744e: Waiting
0574dd546114: Waiting
72cf4c3b8301: Verifying Checksum
72cf4c3b8301: Download complete
3f0cdbca744e: Verifying Checksum
3f0cdbca744e: Download complete
4d55cfecf366: Download complete
bf06f78e5dfa: Verifying Checksum
bf06f78e5dfa: Download complete
1733a4cd5954: Verifying Checksum
1733a4cd5954: Download complete
5c714d60d81a: Verifying Checksum
5c714d60d81a: Download complete
de7f098c5dfb: Download complete
2169c9a934fc: Verifying Checksum
2169c9a934fc: Download complete
0574dd546114: Verifying Checksum
0574dd546114: Download complete
1733a4cd5954: Pull complete
72cf4c3b8301: Pull complete
4d55cfecf366: Pull complete
3f0cdbca744e: Pull complete
```

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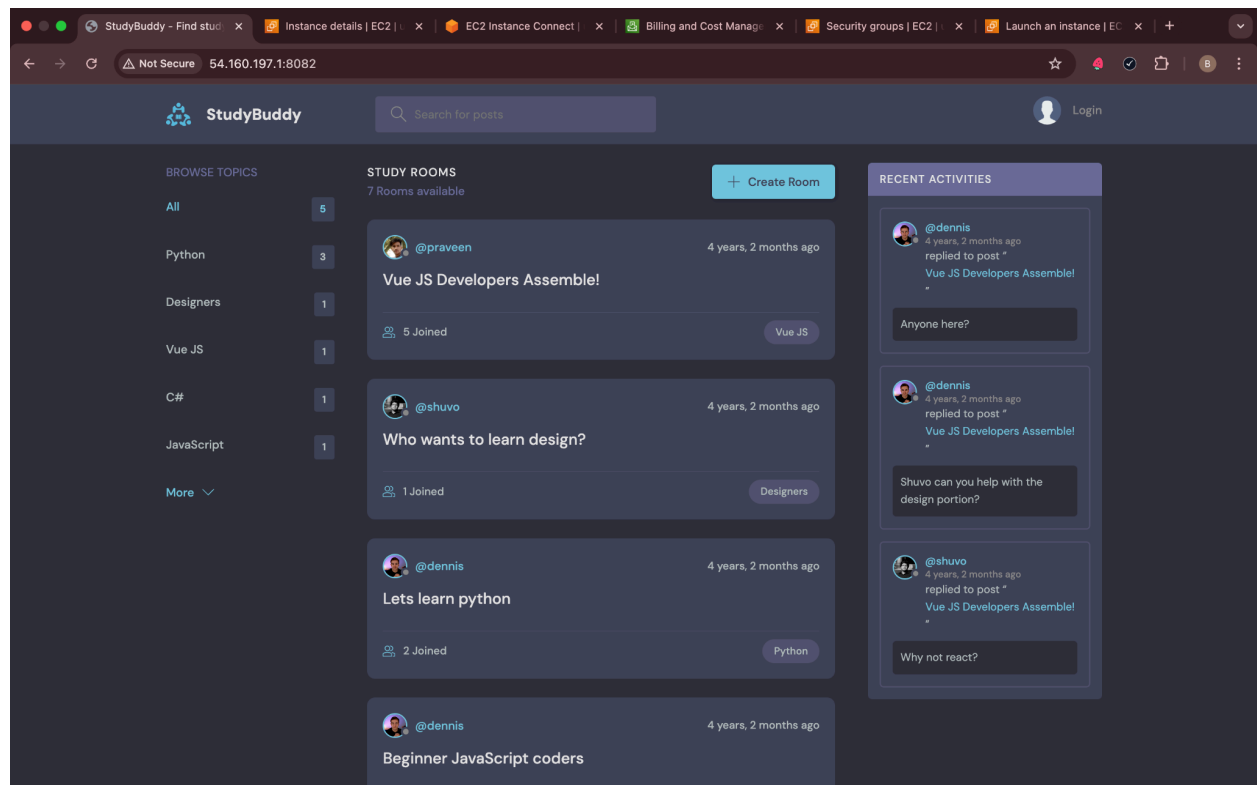
http://localhost:8080/job/docker-ci-cd-ec2-deployment/20/console
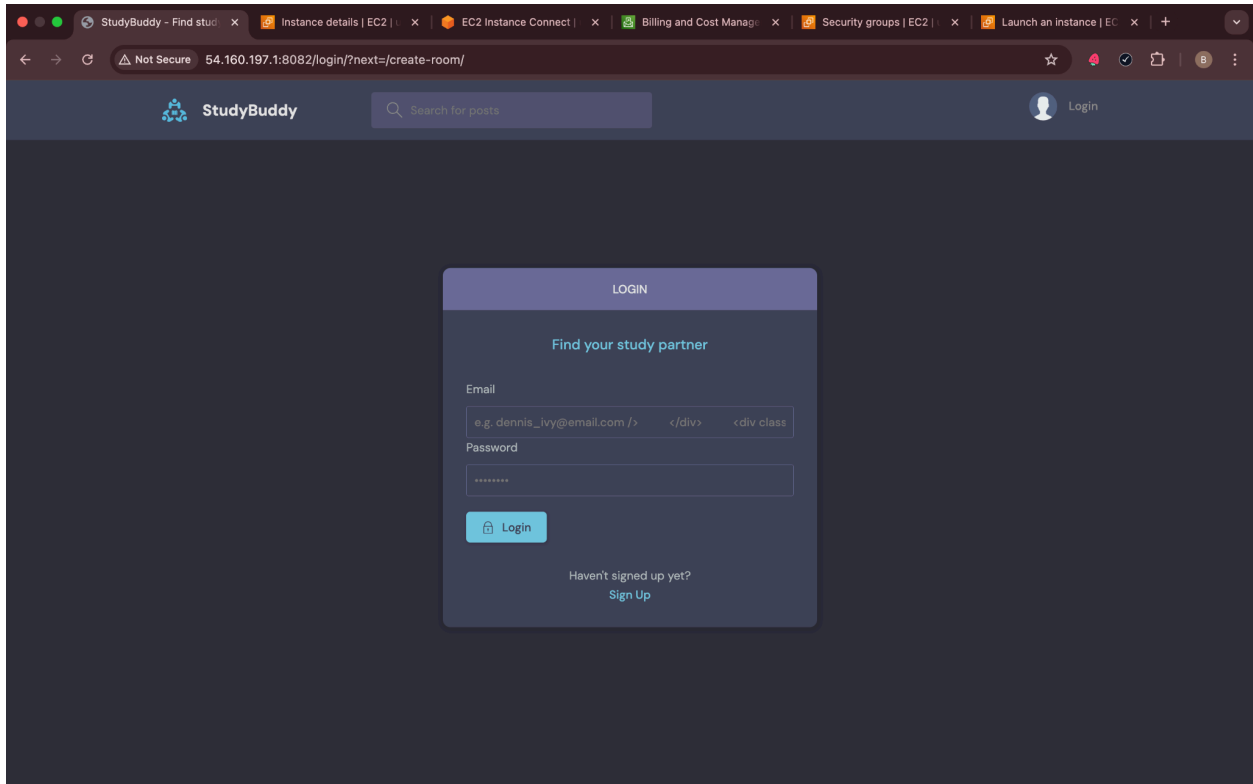
Jenkins   /   docker-ci-cd-ec2-deploym...   /   #20   /   Console Output

```
Status: Downloaded newer image for syrha/november_project:latest
docker.io/syrha/november_project:latest
Error response from daemon: No such container: python_app
8ed662d87c31097112baf14e1759a9b65f1d0496a05cd9a3f62a4a2a6132abfc
[Pipeline] }
$ ssh-agent -k
unset SSH_AUTH_SOCK;
unset SSH_AGENT_PID;
echo Agent pid 4589 killed;
[ssh-agent] Stopped.
[Pipeline] // sshagent
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
[Pipeline] echo
Deployment successful!
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
```

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Screenshot   Just now   ×

Screenshot captured
You can paste the image from the clipboard.

http://localhos

Jenkins   /   docker-ci-cd-ec2-deploym...   /   #20   /   Console Output

```
echo Agent pid 4589 killed;
[ssh-agent] Stopped.
[Pipeline] // sshagent
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
[Pipeline] echo
Deployment successful!
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

REST API   Jenkins 2.528.2

SCREENSHOT OF THE APP RUNNING ON EC2 INSTANCE

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🔒 Register

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