

```
Started by user jenkins
Obtained Jenkinsfile from git https://github.com/hakanco/2020_03_DO_Boston_casestudy_part_1.git
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/capstone-part1
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
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/capstone-part1/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/hakanco/2020_03_DO_Boston_casestudy_part_1.git #
timeout=10
Fetching upstream changes from https://github.com/hakanco/2020_03_DO_Boston_casestudy_part_1.git
> git --version # timeout=10
> git --version # 'git version 2.25.1'
> git fetch --tags --force --progress --
https://github.com/hakanco/2020_03_DO_Boston_casestudy_part_1.git +refs/heads/*:refs/remotes/origin/*
# timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 6854983574ee52e51e9d50b24181c2a7e8821f2b (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 6854983574ee52e51e9d50b24181c2a7e8821f2b # timeout=10
Commit message: "updated"
> git rev-list --no-walk 205dcc023d8edde5d909dd6ab0f588ebc555602 # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Build Docker Image)
[Pipeline] sh
+ docker build -t buildapp/capstone-part1 .
Sending build context to Docker daemon 3.541MB
```

```
Step 1/8 : FROM python:3.8
---> ce9555db0df5
Step 2/8 : RUN pip install --upgrade pip
---> Using cache
---> a20ef80aaeb0
Step 3/8 : WORKDIR /app/
---> Using cache
---> 1bf3e6d23356
Step 4/8 : COPY requirements.txt /app/
---> Using cache
---> b39d426ac559
Step 5/8 : RUN pip --no-cache-dir install -r requirements.txt
---> Using cache
---> a62ce0dccc88
Step 6/8 : COPY . /app/
---> 9c9cbd901e72
Step 7/8 : EXPOSE 9090
---> Running in fdaf175ca943
Removing intermediate container fdaf175ca943
---> aaafc189f6cf2
Step 8/8 : CMD ["python", "web.py"]
---> Running in 93275164f202
Removing intermediate container 93275164f202
---> f1bc12c1d561
Successfully built f1bc12c1d561
Successfully tagged buildapp/capstone-part1:latest
```

```
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Push to Docker Hub)
[Pipeline] withCredentials
Masking supported pattern matches of $dockerHubPassword
[Pipeline] {
[Pipeline] sh
Warning: A secret was passed to "sh" using Groovy String interpolation, which is insecure.
    Affected argument(s) used the following variable(s): [dockerHubPassword]
    See https://jenkins.io/redirect/groovy-string-interpolation for details.
+ docker login -u buildapp -p ****
WARNING! Using --password via the CLI is insecure. Use --password-stdin.
WARNING! Your password will be stored unencrypted in /var/lib/jenkins/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
[Pipeline] sh
+ docker push buildapp/capstone-part1
Using default tag: latest
The push refers to repository [docker.io/buildapp/capstone-part1]
ce9c7cb8f7c0: Preparing
6c64acd16a3a: Preparing
84d680f7182b: Preparing
2f85489a5a64: Preparing
be20964faee6: Preparing
d09836256ed7: Preparing
984d2bf694d9: Preparing
5e2d6061e5d9: Preparing
aedcb370b058: Preparing
c3a0d593ed24: Preparing
26a504e63be4: Preparing
8bf42db0de72: Preparing
31892cc314cb: Preparing
11936051f93b: Preparing
5e2d6061e5d9: Waiting
aedcb370b058: Waiting
c3a0d593ed24: Waiting
26a504e63be4: Waiting
8bf42db0de72: Waiting
31892cc314cb: Waiting
11936051f93b: Waiting
d09836256ed7: Waiting
984d2bf694d9: Waiting
6c64acd16a3a: Layer already exists
84d680f7182b: Layer already exists
2f85489a5a64: Layer already exists
be20964faee6: Layer already exists
5e2d6061e5d9: Layer already exists
984d2bf694d9: Layer already exists
d09836256ed7: Layer already exists
aedcb370b058: Layer already exists
31892cc314cb: Layer already exists
26a504e63be4: Layer already exists
8bf42db0de72: Layer already exists
c3a0d593ed24: Layer already exists
11936051f93b: Layer already exists
ce9c7cb8f7c0: Pushed
latest: digest: sha256:1c9888d27694612c7033e219c8e3d85db2c7fef68d66b22d9fe00fc9ac6daec0 size: 3265
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
```

```
[Pipeline] { (Deploy with playbook)
```

```
[Pipeline] sh
```

```
+ ansible-playbook install-deploy-kubernetes-playbook.yml
```

```
PLAY [server1] *****
```

```
TASK [Gathering Facts] *****
```

```
ok: [server1]
```

```
TASK [Update system] *****
```

```
changed: [server1]
```

```
TASK [download minikube binary & put the binary under /usr/local/bin directory] ***
```

```
changed: [server1]
```

```
TASK [install kubectl on ubuntu] *****
```

```
changed: [server1]
```

```
TASK [make the kubectl binary executable] *****
```

```
changed: [server1]
```

```
TASK [move the binary into its PATH] *****
```

```
changed: [server1]
```

```
TASK [start kubernetes cluster] *****
```

```
changed: [server1]
```

```
TASK [remove existing repository] *****
```

```
changed: [server1]
```

```
TASK [pull repository] *****
```

```
changed: [server1]
```

```
TASK [deploy flask app] *****
```

```
changed: [server1]
```

```
PLAY RECAP *****
```

```
server1 : ok=10 changed=9 unreachable=0 failed=0 skipped=0 rescued=0
```

```
ignored=0
```

```
[Pipeline] }
```

```
[Pipeline] // stage
```

```
[Pipeline] }
```

```
[Pipeline] // withEnv
```

```
[Pipeline] }
```

```
[Pipeline] // node
```

```
[Pipeline] End of Pipeline
```

```
Finished: SUCCESS
```