




**Dashboard** ▶ **Capstone Pipeline** ▶ **#36**

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## Console Output

```
Started by user Nawfal
Obtained Jenkinsfile from git https://github.com/NawfalTachfine/DevOpsCapstone
Running in Durability level: MAX_SURVIVABILITY
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/Capstone Pipeline
[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
  > git rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
  > git config remote.origin.url https://github.com/NawfalTachfine/DevOpsCapstone # timeout=10
Fetching upstream changes from https://github.com/NawfalTachfine/DevOpsCapstone
  > git --version # timeout=10
  > git --version # 'git version 2.25.1'
using GIT_ASKPASS to set credentials github
  > git fetch --tags --force --progress -- https://github.com/NawfalTachfine/DevOpsCapstone
+refs/heads/*:refs/remotes/origin/* # timeout=10
  > git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision 36d20bcb5284868c16f57d375713dee5da073fd7 (refs/remotes/origin/master)
  > git config core.sparsecheckout # timeout=10
  > git checkout -f 36d20bcb5284868c16f57d375713dee5da073fd7 # timeout=10
Commit message: "WIP jenkins"
  > git rev-list --no-walk 3f7049c128c35e6743e0c9fd533db1ea73308ead # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
```

```
[Pipeline] { (Lint)
[Pipeline] sh
+ hadolint Dockerfile
```

## Dashboard ▶ Capstone Pipeline ▶ #36

```
[Pipeline] stage
[Pipeline] { (Build & Push)
[Pipeline] sh
+ docker build -t nawfaltachfine/ml-microservice:36 .
Sending build context to Docker daemon 1.218MB
```

Step 1/9 : FROM python:3.7.3-stretch

----> 34a518642c76

Step 2/9 : WORKDIR /app

----> Using cache

----> 2e824c304188

Step 3/9 : COPY app.py .

----> Using cache

----> 6559a45b21ed

Step 4/9 : COPY model\_data ./model\_data

----> Using cache

----> 20ee5364ac72

Step 5/9 : COPY requirements.txt .

----> Using cache

----> c0d09bc7c8a9

Step 6/9 : RUN pip install -r requirements.txt

----> Using cache

----> 04edc305a639

Step 7/9 : EXPOSE 80

----> Using cache

----> bee6afce3839

Step 8/9 : ENV FLASK\_APP=app

----> Using cache

----> 25d440f080d3

Step 9/9 : CMD ["python", "app.py"]

----> Using cache

----> f4de12bfc261

Successfully built f4de12bfc261

Successfully tagged nawfaltachfine/ml-microservice:36

[Pipeline] withDockerRegistry

\$ docker login -u nawfaltachfine -p \*\*\*\*\* <https://index.docker.io/v1/>

WARNING! Using --password via the CLI is insecure. Use --password-stdin.

WARNING! Your password will be stored unencrypted in /var/lib/jenkins/workspace/Capstone Pipeline@tmp/701bb07b-2f1b-4ef3-b683-8b9869cbc5ff/config.json.

## Dashboard ▶ Capstone Pipeline ▶ #36

Login Succeeded

[Pipeline] {

[Pipeline] sh

+ docker push nawfaltachfine/ml-microservice:36

The push refers to repository [docker.io/nawfaltachfine/ml-microservice]

574034c30d58: Preparing

662alc82e815: Preparing

fcd9d73d4303: Preparing

5e974301582f: Preparing

63e5c557f3c8: Preparing

799a7872c8c7: Preparing

715450468940: Preparing

c9d608035aef: Preparing

bb9c02680a15: Preparing

a637c551a0da: Preparing

2c8d31157b81: Preparing

7b76d801397d: Preparing

f32868cde90b: Preparing

0db06dff9d9a: Preparing

799a7872c8c7: Waiting

715450468940: Waiting

c9d608035aef: Waiting

bb9c02680a15: Waiting

a637c551a0da: Waiting

2c8d31157b81: Waiting

7b76d801397d: Waiting

f32868cde90b: Waiting

0db06dff9d9a: Waiting

574034c30d58: Layer already exists

63e5c557f3c8: Layer already exists

662alc82e815: Layer already exists

5e974301582f: Layer already exists

fcd9d73d4303: Layer already exists

799a7872c8c7: Layer already exists

715450468940: Layer already exists

bb9c02680a15: Layer already exists  
c9d608035aef: Layer already exists  
a637c551a0da: Layer already exists

## Dashboard ▶ Capstone Pipeline ▶ #36

```
f32868cde90b: Layer already exists
0db06dff9d9a: Layer already exists
36: digest: sha256:b7a2706a82ddf2b528e81b44ee655068f47ab69961ca3c3e4b5b8cd3953a3441 size: 3262
[Pipeline] }
[Pipeline] // withDockerRegistry
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Deploy)
[Pipeline] withAWS
Constructing AWS CredentialsSetting AWS region eu-west-3
[Pipeline] {
[Pipeline] sh
+ aws eks update-kubeconfig --name eks-cluster-base
Updated context arn:aws:eks:eu-west-3:626951679280:cluster/eks-cluster-base in /var/lib/jenkins/.kube/config
[Pipeline] sh
+ kubectl apply -f ./eks/aws-auth-cm.yml
configmap/aws-auth unchanged
[Pipeline] sh
+ kubectl get nodes
```

NAME	STATUS	ROLES	AGE	VERSION
ip-192-168-14-57.eu-west-3.compute.internal	Ready	<none>	25h	v1.14.9-eks-cc7316
ip-192-168-49-181.eu-west-3.compute.internal	Ready	<none>	25h	v1.14.9-eks-cc7316
ip-192-168-66-72.eu-west-3.compute.internal	Ready	<none>	25h	v1.14.9-eks-cc7316

```
[Pipeline] sh
+ kubectl set image deployment/ml-microservice nawfaltachfine=nawfaltachfine/ml-microservice:36 --record
deployment.apps/ml-microservice image updated
[Pipeline] sh
+ kubectl rollout status deployment/ml-microservice
Waiting for deployment "ml-microservice" rollout to finish: 1 out of 3 new replicas have been updated...
Waiting for deployment "ml-microservice" rollout to finish: 1 out of 3 new replicas have been updated...
Waiting for deployment "ml-microservice" rollout to finish: 1 out of 3 new replicas have been updated...
Waiting for deployment "ml-microservice" rollout to finish: 2 out of 3 new replicas have been updated...
Waiting for deployment "ml-microservice" rollout to finish: 2 out of 3 new replicas have been updated...
Waiting for deployment "ml-microservice" rollout to finish: 2 out of 3 new replicas have been updated...
Waiting for deployment "ml-microservice" rollout to finish: 1 old replicas are pending termination...
```

```
Waiting for deployment "ml-microservice" rollout to finish: 1 old replicas are pending termination...
deployment "ml-microservice" successfully rolled out
[Pipeline] }
```

## **Dashboard** ▶ **Capstone Pipeline** ▶ **#36**

```
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```