

```
pipeline {
  agent any

  stages {
    stage('SCM') {
      steps {
        git branch: 'main', url: 'https://github.com/ROSHNIMAGESH/DevOps_Guvi.git'
      }
    }
    stage('build') {
      steps {
        sh "mvn clean"
        sh "mvn install"
      }
    }
    stage('build to images') {
      steps {
        script{
          sh 'docker build -t roshni2108/devops .'
        }
      }
    }
    stage('push to hub') {
      steps {
        script{
          withDockerRegistry(credentialsId: 'Docker_cred', url: 'https://index.docker.io/v1/') {
            sh 'docker push roshni2108/devops'
          }
        }
      }
    }
    stage('Deploy App') {
      steps {

```

```
10 stage('build') {
11     steps {
12         sh "mvn clean"
13         sh "mvn install"
14     }
15 }
16 stage('build to images') {
17     steps {
18         script{
19             sh 'docker build -t roshni2108/devops .'
20         }
21     }
22 }
23 stage('push to hub') {
24     steps {
25         script{
26             withDockerRegistry(credentialsId: 'Docker_cred', url: 'https://index.docker.io/v1/') {
27                 sh 'docker push roshni2108/devops'
28             }
29         }
30     }
31 }
32 stage('Deploy App') {
33     steps {
34         withKubeConfig(caCertificate: '', clusterName: 'minikube', contextName: 'minikube', credential: '') {
35             sh 'kubectl apply -f deployment.yml --validate=false'
36         }
37     }
38 }
39 }
40 }
41 }
```

```
safrin@DESKTOP-MIEOGDP: ~/kube
VnNz3QnhucUpKRUpVcVF5Z2R4a1NCMVU1NmJPCkxVx0153JjNmF1c185TktZUNJGR251SnhyVFRVLVXYyZjRGWGGYya1ZIVDhGN211YnhrSmYrQnN0Z11FQTI3ZWoKN0ZXmjNERVE1ZjJObVFre1hGNDd5a1k5W5t6a1FtTk1
rM2JMUMsuaDXdtSzBRUwo3dkJily9wSmJ2ZzNxbSt5MExxeFd0dXQrRU56cE1wZDFXYzhXNEVZay900GpYQVVDNkx3TjNjTE1F0UNCbkxoCk3nQV14N1Z0d21Id05YV0FrUJ9Zw1VNcHgza0Bydmp2bm3SUFRETUNnWUvBakZ
KZVNSaHFPTTHfUDZ6T0VieEV4bwt4bVnxRXZjT0toS3hxcWg1VE5aZVZrVE13S1NiazVPRUY0Qyt2TgwmE1SQQpwtkFSRk9GUmYrSG9yQk1TZ056TzJ1WUJ3RGnpZUVKVVdpdUdQaXpaRmhhNGRXbXFWL1hxVGpDUE1LbU1
wT1RxN2RPZmhjQ2dZRUEyRTBUWFdpTW1uemJTKyt2WkVtQWZ1QnRyaE5ib0hIbTBNWjgKN1FkK21iUmhpY0ZzdjFRVjNFSFJaSHg3L0crdfM4NjZ1T3ZIUmxzWnk5c2t3ZTh3dEhmMmZhSG14Sk55MTNvN0pvZ3I5eW45dXV
yQ0s4emhEbTVdM0dhMmFMMS9XZnQ1OVVJUkRnNGV4ekVra1NUCmdeF7XdBUzBDZ11BcTBCLUJzhMXRBb1BoMxmpU0RRazA1a1VRQWtRbWgyTG93N0taY0tCRjBiQ2tkT0VukDBnRw0KMh4eURkMeo1b3ZLNm1GwFQvdDZ2MDh
tUGZuK1dIdcDNOQxYemZRZExmRmxJVgacmx1ZV1INNER2VWJ4SUI4eVJkSUfWzXAXRENWcmE3bGxSWU1nbjZ2R2VyaW1uK3ZaRmxhUVE9PQotLS0tLUVORC8SU0EgUFJJVkfURS8LRVktLS0tLQo=
safrin@DESKTOP-MIEOGDP:~/kube$ minikube get node
Error: unknown command "get" for "minikube"
Run 'minikube --help' for usage.
safrin@DESKTOP-MIEOGDP:~/kube$ kubectl get node
NAME          STATUS    ROLES    AGE   VERSION
minikube      Ready     control-plane  60m   v1.32.0
safrin@DESKTOP-MIEOGDP:~/kube$
```

safrin@DESKTOP-MIEOGDP: ~/.kube

```
VNnZ3QnhucUpKRUpVcVF5Z2R4a1NCMVU1NmJPCKgxVk01S3JjNmFic1BSTktZUWJGR251SnhyVFRLVXYyZjRGWgJYa1ZIVDhGN211YnhrSmYrQnND
rM2JMUWswMXdtSzBRUwo3dkJiLy9wSmJ2ZzNxbSt5MExxeFd0dXQrRU56cE1wZDFXYzhXNEVZay900GpYQVVDNkx3TjNJTE1FOUNCbkxoCk JrQV14
KZVNsahFPTHhFUDZ6T0VieEV4bWt4bVhxRXZjT0toS3hxcWg1VE5aZVZrVE13S1NiazVPRUY0Qyt2TGgwME1SQQpwTkFSRk9GUmyvSG9yQk1TZ050
WT1RxN2RPZmhjQ2dZRUEyRTBUWFdpTW1uemJTKyt2WkVhQWZ1QnRyaE5ib0hIbTBNWjgKN1FxK2liUmhpY0ZzdjFRVjNFSFJaSHg3L0crdFM4NjZj
yQ0s4emhEbTVxM0dhMmFMWS9XZnQ1OVVJUkRnNGV4ekVra1NUCmdFZXdBuZBDZ11BcTBCUUhMXRBb1BoMmxpUDRRazA1a1VRQWtRbWgyTG93N0ta
tUGZuK1dTcdNOQUxYemZRZExmRmxJVgpacmx1ZVlNNER2VWJ4SUI4eVJkSUFwZXAxRENWcmE3bGxSWU1nbjZ2R2VyaWluK3ZaRmxHUVE9PQotLS0t
safrin@DESKTOP-MIEOGDP: ~/.kube$ minikube get node
Error: unknown command "get" for "minikube"
Run 'minikube --help' for usage.
safrin@DESKTOP-MIEOGDP: ~/.kube$ kubectl get node
NAME      STATUS    ROLES    AGE   VERSION
minikube  Ready     control-plane  60m   v1.32.0
safrin@DESKTOP-MIEOGDP: ~/.kube$
```

## + New cloud

During node provisioning, clouds are tried in the order they appear in this table.

Order	Name
	Kubernetes 