

FINAL PROJECT

DevOps-Day06:

JAVA APPLICATION DEPLOYEMENT IN MINIKUBE

PIPELINE:

```
pipeline {  
  
    agent any  
  
    stages {  
        stage('SCM') {  
            steps {  
                git branch: 'main', url: 'https://github.com/MugeshS-04/guvidevopsday1.git'  
            }  
        }  
        stage('Build-clean') {  
            steps{  
                sh 'mvn clean'  
            }  
        }  
        stage('Build-validate') {  
            steps{  
                sh 'mvn validate'  
            }  
        }  
    }  
}
```

```

    stage('Build-compile') {
    steps{
        sh 'mvn compile'
    }
}


    stage('Build-test') {
    steps{
        sh 'mvn test'
    }
}

    stage('Build-package') {
    steps{
        sh 'mvn package'
    }
}

stage('build to images') {
    steps {
    script{
        sh "docker build -t mugeshs04/webapplication ."
    }
    }
}

stage('docker push hub') {
    steps {
    script{
        withDockerRegistry(credentialsId: 'docker-hub-cred', url:
'https://index.docker.io/v1/') {
            sh 'docker push mugeshs04/webapplication'

```


Jenkins

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🚪 log out

Dashboard

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Manage Jenkins

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Credentials

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System

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Global credentials (unrestricted)

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Global credentials (unrestricted)

+ Add Credentials


Credentials that should be available irrespective of domain specification to requirements matching.

ID	Name	Kind	Description
 docker-hub-cred	mugeshs04/***** (credentials)	Username with password	credentials 
 minikube-cred	config (minikube credentials)	Secret file	minikube credentials 

Icons: \$ M L

REST API

Jenkins 2.492.2



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22-03-2025

java-17 | System | HTTP | Create | guide | day 4 | KEC | Unmay | Inbox | Password | Unmay | 127.0.0.1 | 192.168.1.1 | HTTP | 127.0.0.1 | 12 x

127.0.0.1:39911/my-app/

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Hello World!



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11:30 AM

22-03-2025