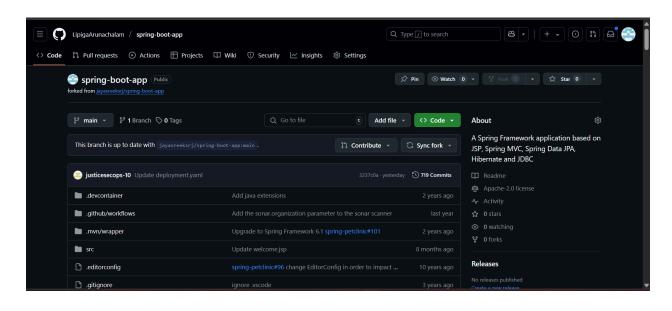
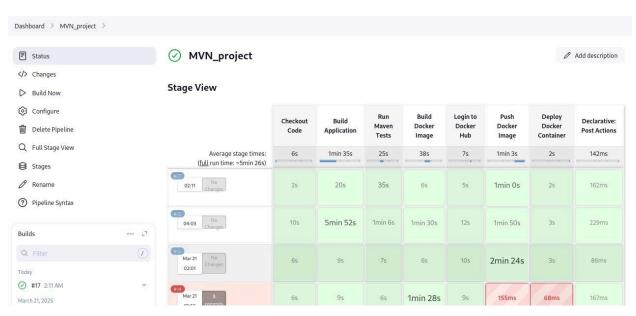
DAY 5





???welcome Aranganathan 79998wdd???



steps {



```
pipeline {
    agent any

environment {
    DOCKER_IMAGE = "lipiga/devopstask"
    DOCKER_TAG = "latest"

DOCKER_CREDENTIALS_ID = "docker"

GITHUB_CREDENTIALS_ID = "github_seccred1"

KUBECONFIG = "/var/lib/jenkins/.kube/config"

MAVEN_HOME = "/opt/maven" // Set the correct Maven path
}

stages {
    stage('Checkout Code') {
```

```
git credentialsId: GITHUB_CREDENTIALS_ID, url:
'https://github.com/kowsika-arumugamm/spring-boot-app', branch: 'main'
       }
       }
       stage('Build Application') {
       steps {
       script {
               sh "${MAVEN_HOME}/bin/mvn clean package -DskipTests"
       }
       stage('Run Maven Tests') {
       steps {
       script {
               catchError(buildResult: 'SUCCESS', stageResult: 'FAILURE') {
               sh "${MAVEN HOME}/bin/mvn test"
               }
       }
       stage('Build Docker Image') {
       steps {
```

```
script {
       sh "docker build -t ${DOCKER_IMAGE}:${DOCKER_TAG} ."
}
}
}
stage('Push Docker Image') {
steps {
  withDockerRegistry([credentialsId: DOCKER_CREDENTIALS_ID, url: "]) {
       sh "docker push ${DOCKER_IMAGE}:${DOCKER_TAG}"
}
}
}
// Uncomment this stage when Kubernetes deployment is ready
// stage('Deploy to Kubernetes') {
//
    steps {
//
       script {
//
       sh "
//
               chmod +x scripts/deploy.sh
               ./scripts/deploy.sh
//
//
//
       }
// }
```

```
// }
}

post {
success {
echo "✓ Deployment Successful!"
}
failure {
echo "➤ Deployment Failed!"
}
}
```