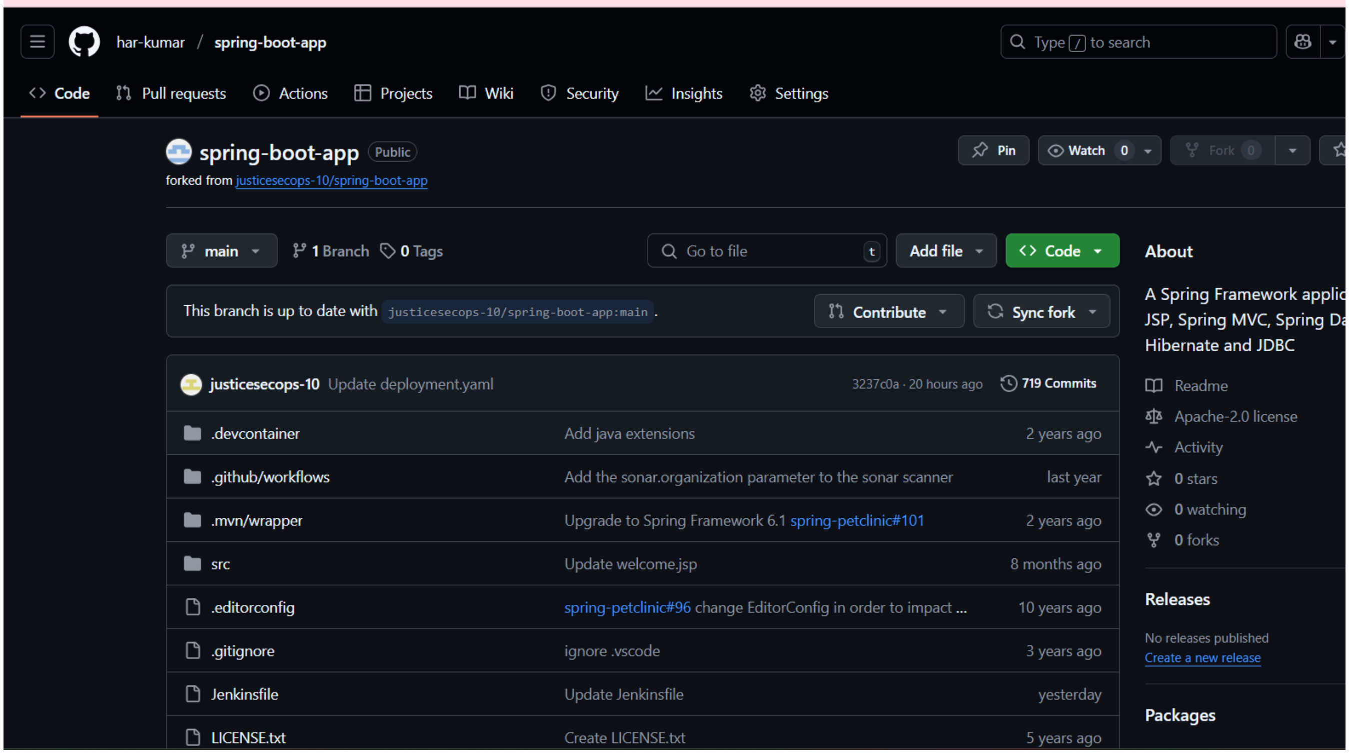
DAY 5

GITHUB LINK

https://github.com/har-kumar/spring-boot-app



spring-boot-app Public

forked from justicesecops-10/spring-boot-app

This branch is up to date with `justicesecops-10/spring-boot-app:main` .

justicesecops-10 Update deployment.yaml 3237c0a · 20 hours ago 719 Commits

.devcontainer	Add java extensions	2 years ago
.github/workflows	Add the sonar.organization parameter to the sonar scanner	last year
.mvn/wrapper	Upgrade to Spring Framework 6.1 spring-petclinic#101	2 years ago
src	Update welcome.jsp	8 months ago
.editorconfig	spring-petclinic#96 change EditorConfig in order to impact ...	10 years ago
.gitignore	ignore .vscode	3 years ago
Jenkinsfile	Update Jenkinsfile	yesterday
LICENSE.txt	Create LICENSE.txt	5 years ago

About

A Spring Framework applic
JSP, Spring MVC, Spring Da
Hibernate and JDBC

Releases

No releases published
Create a new release

Packages

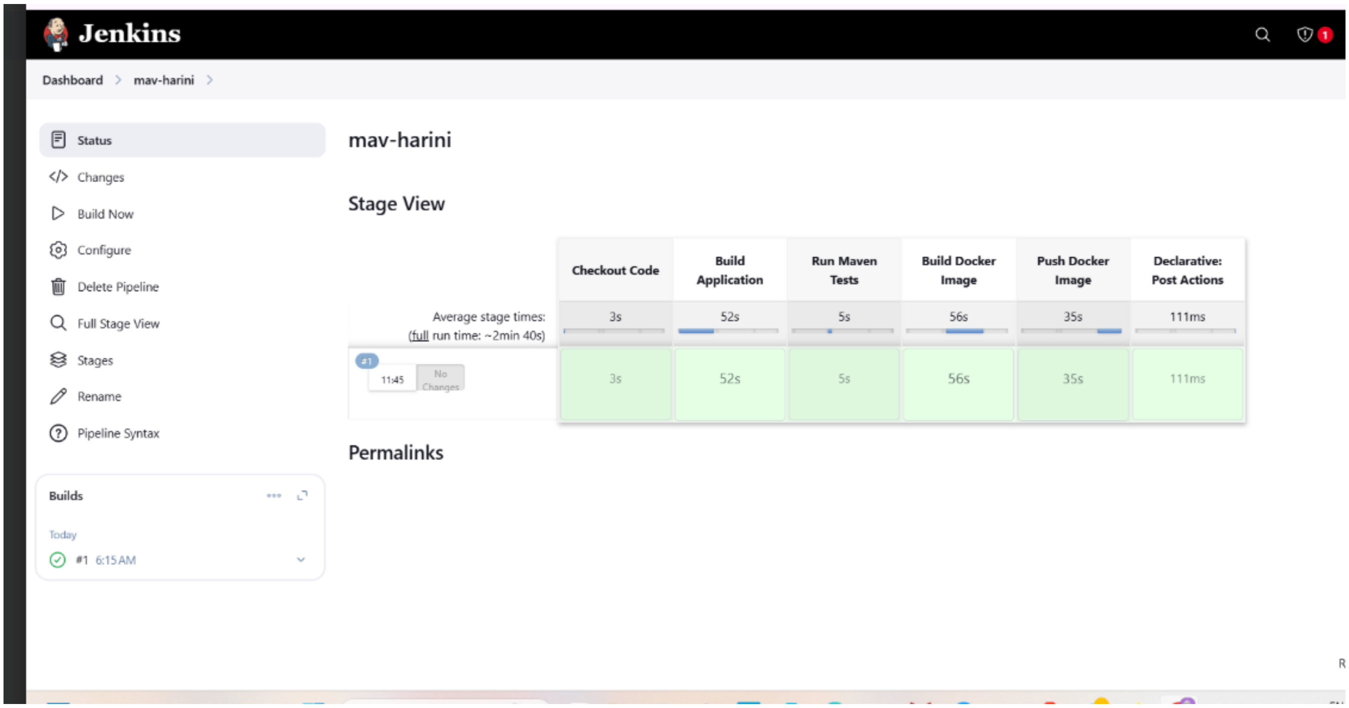
CODE

```
pipeline {
  agent any

  environment {
    DOCKER_IMAGE = "kowsika12/maven"
    DOCKER_TAG = "latest"
    DOCKER_CREDENTIALS_ID = "docker"
    GITHUB_CREDENTIALS_ID = "github_seccred"
```

```
        KUBECONFIG = "/var/lib/jenkins/.kube/config"
        MAVEN_HOME = "/opt/maven" // Set the correct Maven path
    }

    stages {
        stage('Checkout Code') {
            steps {
                git credentialsId: GITHUB_CREDENTIALS_ID, url: 'https://github.com/har-kumar/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 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!"
        }
    }
}
```

OUTPUT SCREENSHOTS



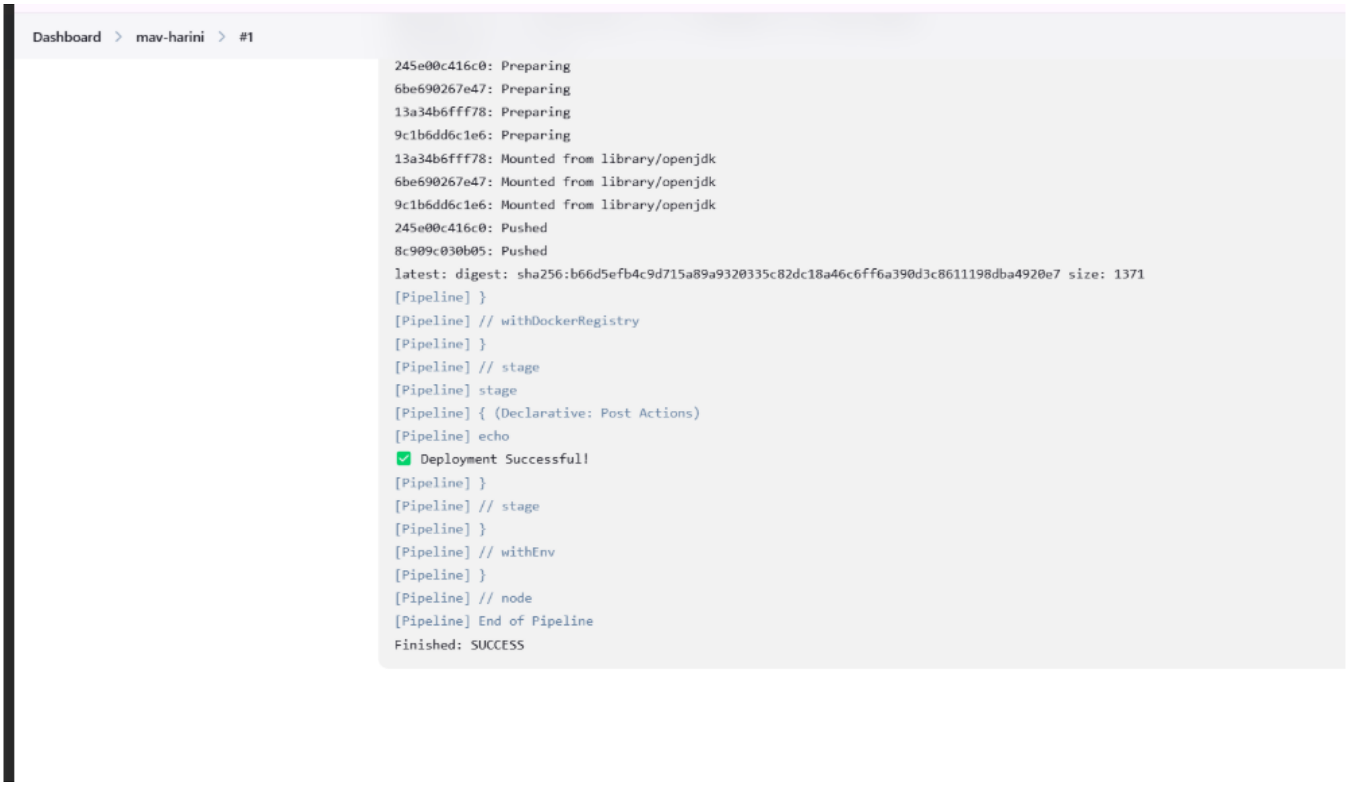
✓ #1 6:15 AM

mav-harini

Stage View

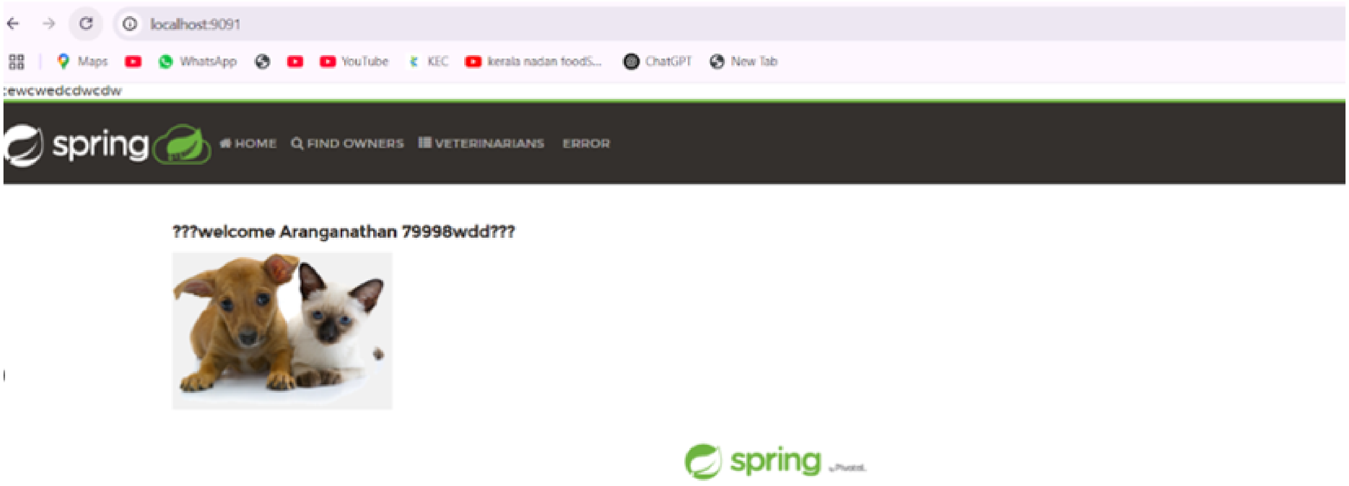
	Checkout Code	Build Application	Run Maven Tests	Build Docker Image	Push Docker Image	Declarative: Post Actions
Average stage times: (full run time: ~2min 40s)	3s	52s	5s	56s	35s	111ms
#1 11:45 No Changes	3s	52s	5s	56s	35s	111ms

Permalinks



```
245e00c416c0: Preparing
6be690267e47: Preparing
13a34b6fff78: Preparing
9c1b6dd6c1e6: Preparing
13a34b6fff78: Mounted from library/openjdk
6be690267e47: Mounted from library/openjdk
9c1b6dd6c1e6: Mounted from library/openjdk
245e00c416c0: Pushed
8c909c030b05: Pushed
latest: digest: sha256:b66d5efb4c9d715a89a9320335c82dc18a46c6ff6a390d3c8611198dba4920e7 size: 1371
[Pipeline] }
[Pipeline] // withDockerRegistry
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
[Pipeline] echo
✅ Deployment Successful!
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

LOCALHOST OUTPUT



:ewcwedcdwcdw

???welcome Aranganathan 79998wdd???