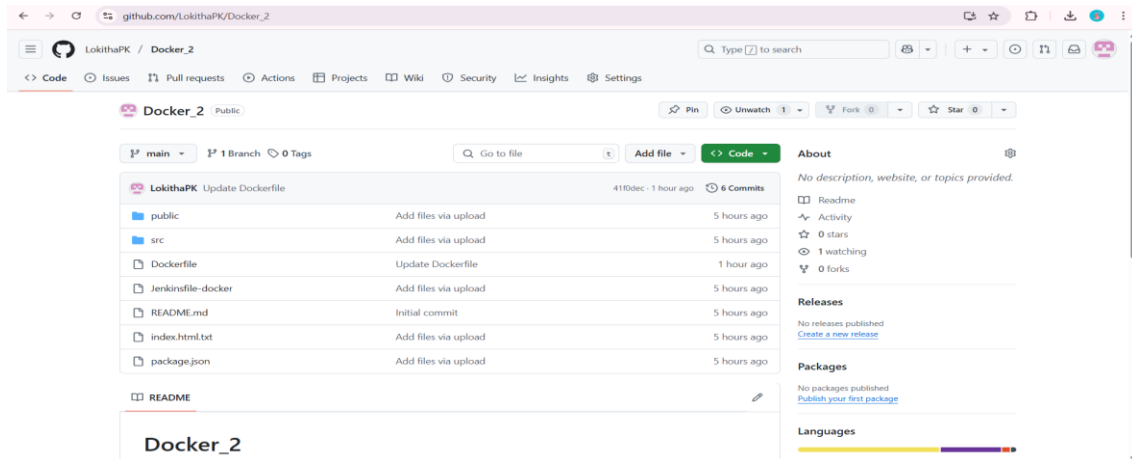


DAY 2

DOCKER

Pushing all files into git repository



Pipeline configuration

```
pipeline {
  agent any

  tools {
    jdk 'jdk17'
    nodejs 'node20'
  }

  stages {
    stage('Clean Workspace') {
      steps {
        script {
          echo "Cleaning workspace..."
          deleteDir()
        }
      }
    }
    stage('Git Checkout') {
      steps {
        script {
          git branch: 'main',
            credentialsId: 'github_secured1',
            url: 'https://github.com/LokithaPK/Docker_2.git'
        }
      }
    }
  }
}
```

```

stage('Install Node') {
    steps {
        script {
            sh '''
            if [ -f package.json ]; then
                echo "package.json found. Running npm install..."
                npm install
            else
                echo "ERROR: package.json is missing. Skipping npm install."
                exit 1
            fi
            '''
        }
    }
}

stage('Docker Build & Push') {
    steps {
        script {
            withDockerRegistry(credentialsId: 'docker1', toolName: 'docker') {
                def imageName = "lokitha181/devops_docker"
                def tag = "latest"

                sh "docker build -t ${imageName} ."
                sh "docker tag ${imageName} ${imageName}:${tag}"
                sh "docker push ${imageName}:${tag}"
            }
        }
    }
}

stage('Deploy Docker Container') {
    steps {
        script {
            sh "docker stop jusjes_container || true"
            sh "docker rm jusjes_container || true"
            sh "docker run -d --name jusjes_container -p 3001:3000 lokitha181/devops_docker:latest"
        }
    }
}
}

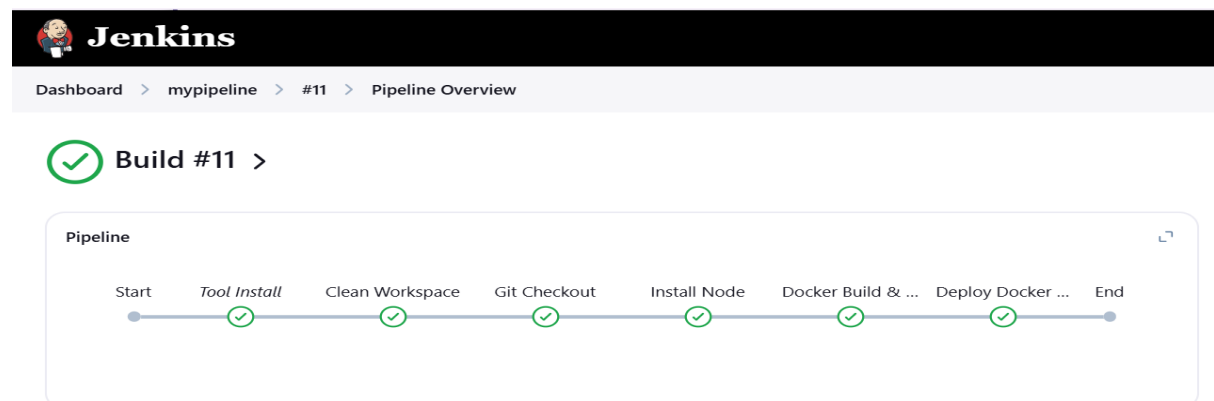
```

Console Output

```
The recommended git tool is: NONE
using credential github_secured1
Cloning the remote Git repository
Cloning repository https://github.com/LokithaPK/Docker_2.git
> git init /var/lib/jenkins/workspace/mypipeline # timeout=10
Fetching upstream changes from https://github.com/LokithaPK/Docker_2.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
using GIT_ASKPASS to set credentials
> git fetch --tags --force --progress -- https://github.com/LokithaPK/Docker_2.git +refs/heads/*:refs/remotes/origin/* #
timeout=10
> git config remote.origin.url https://github.com/LokithaPK/Docker_2.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 41f0dec800154ef252b5cb453c5bbad73b29175 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 41f0dec800154ef252b5cb453c5bbad73b29175 # timeout=10
> git branch -a -v --no-abbrev # timeout=10
> git checkout -b main 41f0dec800154ef252b5cb453c5bbad73b29175 # timeout=10
Commit message: "Update Dockerfile"
First time build. Skipping changelog.
[Pipeline] }
[Pipeline] // script
[Pipeline] }
```

```
[Pipeline] withEnv
[Pipeline] {
[Pipeline] script
[Pipeline] {
[Pipeline] sh
+ docker stop jusjes_container
jusjes_container
[Pipeline] sh
+ docker rm jusjes_container
jusjes_container
[Pipeline] sh
+ docker run -d --name jusjes_container -p 3001:3000 deepikapalanisamy23/myrepo:latest
06eec3a8bf69dad1b440c1266d68756f6e6de92d03c7e0a0e878022cd3cf7bf
[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

Pipeline Overview



Dashboard > mypipeline >

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Stages

Rename

Pipeline Syntax

1420

No Changes

#11

Declarative: Tool Install

Clean Workspace

Git Checkout

Install Node

Docker Build & Push

Deploy Docker Container

Average stage times:

(full run time: ~7min 2s)

131ms

2s

3s

1min 0s

5min 51s

4s

Add description

Stage View

Permalinks

- Last build (#11), 27 min ago
- Last stable build (#11), 27 min ago
- Last successful build (#11), 27 min ago
- Last completed build (#11), 27 min ago

Builds

Filter

Today

Hotstar clone

