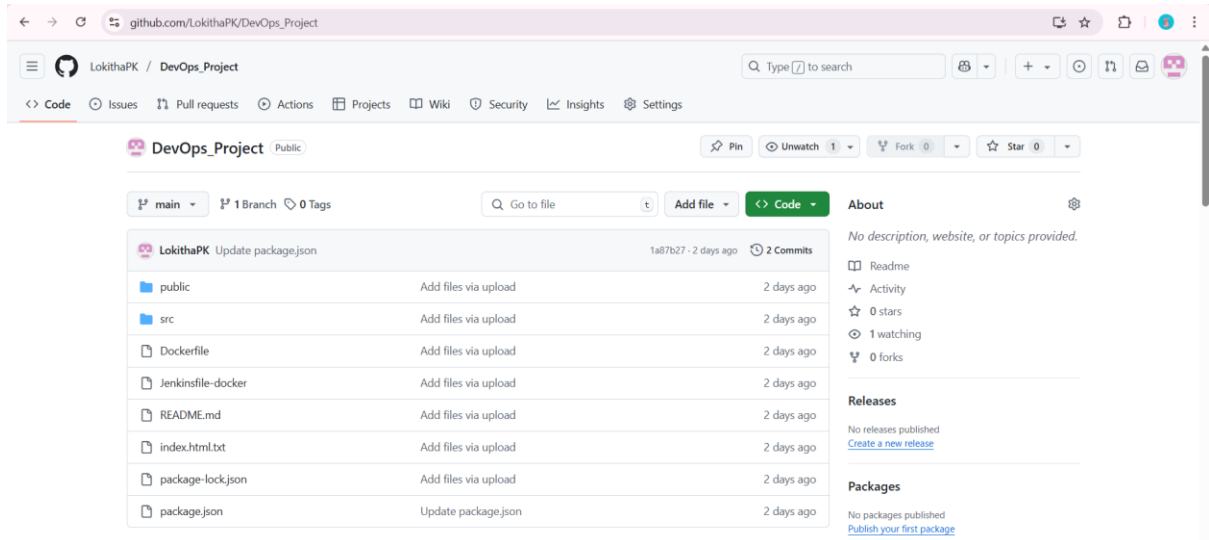


## DAY 6

### FINAL TASK – PROJECT

### SPACE EXPOLRATION

Push project files into a repo:



### Pipeline Script:

```
pipeline {
  agent any

  tools {
    nodejs 'node20'
  }

  stages {
    stage('Clean Workspace') {
      steps {
        script {
          echo "Cleaning workspace..."
          deleteDir()
        }
      }
    }
  }

  stage('Git Checkout') {
    steps {
```

```
git url: 'https://github.com/LokithaPK/DevOps_Project.git', branch: 'main', credentialsId:
'github_seccred'
```

```
    }
}
stage('Install Node') {
    steps {
        script {
            sh 'node --version'
            sh 'npm --version'
            sh 'npm cache clean --force'
            sh 'npm install'
            retry(3) {
                sh 'npm config set registry https://registry.npmjs.org/'
                sh '''
                    if [ -f package.json ]; then
                        echo "package.json found. Running npm install..."
                        npm install
                    else
                        echo "No package.json found. Skipping npm install."
                    fi
                '''
                sleep 5
            }
        }
    }
}
stage('Docker Build & Push') {
    steps {
        echo "Building Docker image..."
    }
}
stage('Deploy Docker Container') {
    steps {
        echo "Deploying container..."
    }
}
```

Console:

Console Output

Edit Build Information

Delete build '#30'

Git Build Data

Restart from Stage

Replay

Pipeline Steps

Workspaces

Started by user Lokitha PK

[Pipeline] Start of Pipeline

[Pipeline] node

Running on Jenkins in /var/lib/jenkins/workspace/Space-Exploration

[Pipeline] {

[Pipeline] stage

[Pipeline] { (Declarative: Tool Install)

[Pipeline] tool

[Pipeline] envVarsForTool

[Pipeline] }

[Pipeline] // stage

[Pipeline] withEnv

[Pipeline] {

[Pipeline] stage

[Pipeline] { (Clean Workspace)

[Pipeline] tool

[Pipeline] envVarsForTool

[Pipeline] withEnv

[Pipeline] {

[Pipeline] script

[Pipeline] {

[Pipeline] echo

Cleaning workspace...

[Pipeline] deleteDir

[Pipeline] }

[Pipeline] // script

[Pipeline] }

[Pipeline] // script

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // stage

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // node

[Pipeline] End of Pipeline

Finished: SUCCESS

REST API

Jenkins 2.492.2

20:38

24-03-2025

Dashboard > Space-Exploration >

Status

</> Changes

▶ Build Now

⚙️ Configure

🗑️ Delete Pipeline

🔍 Full Stage View

📋 Stages

✎ Rename

🔗 Pipeline Syntax

Builds

Today

🟢 #1 2:39 PM

Space-Exploration

Add description

Stage View

Average stage times  
(full run time: ~19min 52s)

100% No Changes

Declarative: Tool Install	Clean Workspace	Git Checkout	Install Node	Docker Build & Push	Deploy Docker Container
738ms	939ms	12s	18s	19min 13s	2s
738ms	939ms	12s	18s	19min 13s	2s

Permalinks

REST API

Jenkins 2.492.2

20:37

24-03-2025

Localhost:

