

## TASK-2

```
pipeline {
  agent any
  tools {
    jdk 'jdk17'
    nodejs 'node20'
  }

  stages {
    stage('Clean Workspace') {
      steps {
        script {
          echo "Cleaning workspace..."
          deleteDir() // Deletes everything in the Jenkins workspace before starting
        }
      }
    }

    stage('Git Checkout') {
      steps {
        script {
          git branch: 'main',
              credentialsId: 'github_secured1',
              url: 'https://github.com/gokulk-226/gokul-devops.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 = "gokulk26/mydocker-26"
        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 {
      // Stop and remove the existing container if it's running
      sh "docker stop bharani_container || true"
      sh "docker rm bharani_container || true"

      // Run the new container
      sh "docker run -d --name mydocker-26_container -p 3001:3000 gokulk26/mydocker-26:latest"
    }
  }
}

```

gokul\_pipeline [Jenkins]

Hotstar

localhost:8080/job/gokul\_pipeline/

120%

log out

Jenkins

Dashboard > gokul\_pipeline >

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Stages

Rename

Pipeline Syntax

Builds

Today

#1 3:13 PM

gokul\_pipeline

Add description

Stage View

Average stage times:

Declarative: Tool Install	Clean Workspace	Git Checkout	Install Node	Docker Build & Push	Deploy Docker Container
1s	1s	5s	3min 30s	7min 50s	10s

Permalinks

REST API

Jenkins 2.492.2

gokul\_pipeline [Jenkins]

Hotstar

localhost:3001

120%

Disney+ hotstar

Free-Newly Added

MICKEY 17

LUCKY

THE SAFE HOUSE

Ma Mère, Dieu et Sylvie Vartan

CARMEN BOLUDE

Body's Double

Dead Man's Bones

Disney Movies