







```
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_seccred',
           url: 'https://github.com/janurj/ecommerce.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: 'docker', toolName: 'docker') {
           def imageName = "jananirajasekar/my-repo"
           def tag = "latest1"
           sh "docker build -t ${imageName}."
           sh "docker tag ${imageName};${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 hotstar_container || true"
     sh "docker rm hotstar_container || true"
```

```
// Run the new container
sh "docker run -d --name hotstar_container -p 3002:3000 jananirajasekar/my-repo:latest1"
}
}
}
```