

```
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/dharaniramakrishnan/devops_docker.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 = "dharani400/sample"
                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 hotstar_container || true"
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```
sh "docker rm hotstar_container || true"
```

```
// Run the new container
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```
sh "docker run -d --name hotstar_container -p 3001:3000 dharani400/sample:latest"
```

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}
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```
}
```

```
} }
```

```
}
```

