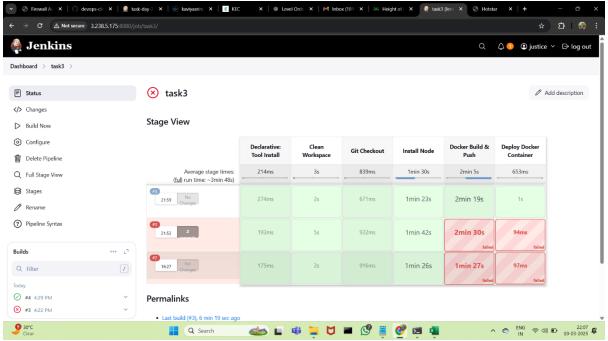


```
sh "
            if [ -f package.json ]; then
              echo "package.json found. Running npm install..."
              npm install
            else
              echo "ERROR: package.json is missing. Skipping npm install."
            fi
         }
      }
    stage('Docker Build & Push') {
       steps {
         script {
            echo "Building and pushing Docker image..."
            withDockerRegistry(credentialsId: 'docker3', toolName: 'docker') {
              def imageName = "kaviyasrinivasan/my-repository"
              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 {
            echo "Stopping and removing any existing containers..."
            sh "docker stop devops container || true"
            sh "docker rm devops container || true"
            echo "Deploying new Docker container..."
            sh "docker run -d --name devops container -p 4001:4000 kaviyasrinivasan/my-
repository:latest"
      }
}
```



(b) Build and run



(c)Localhost