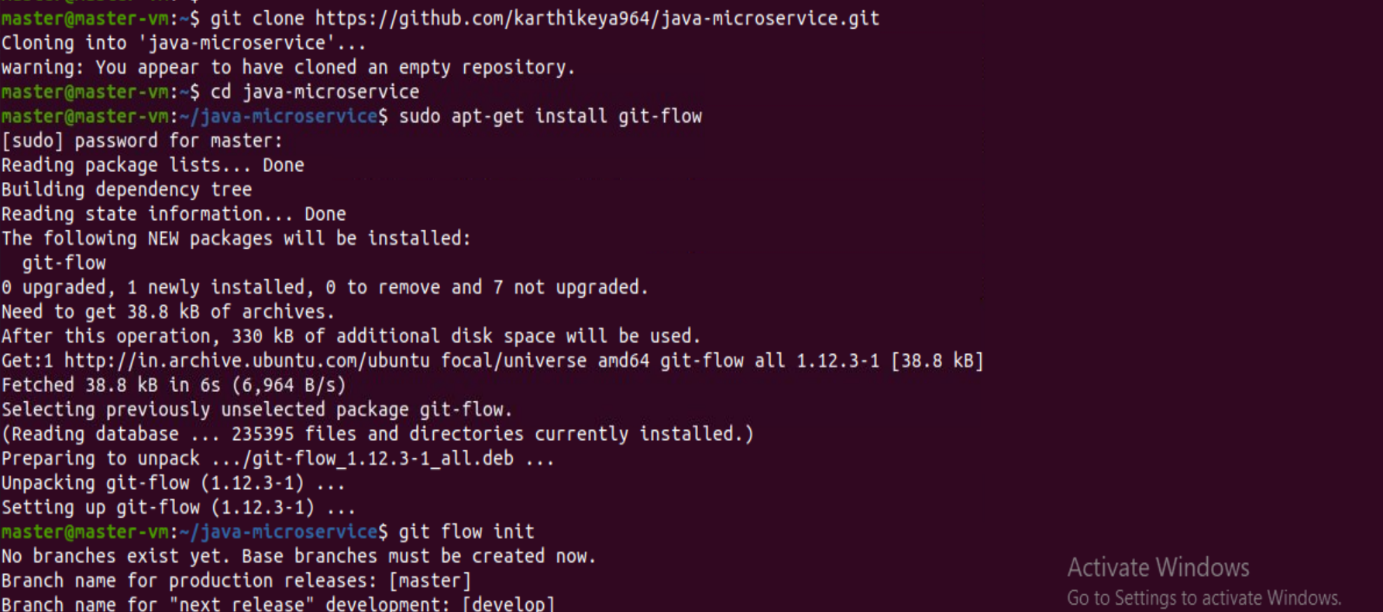
**Document 1**

**Organizing the project structure**

**Cloning the repo**



A screen shot of a computer

AI-generated content may be incorrect.

Pushing to our github repo

A computer screen with text

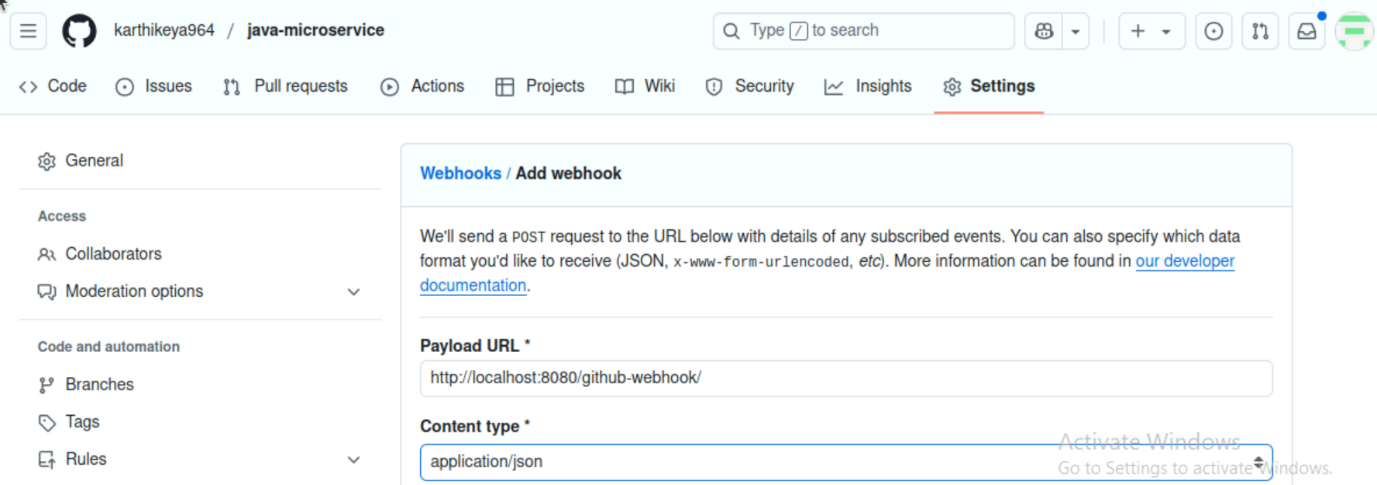
AI-generated content may be incorrect.

Installing maven

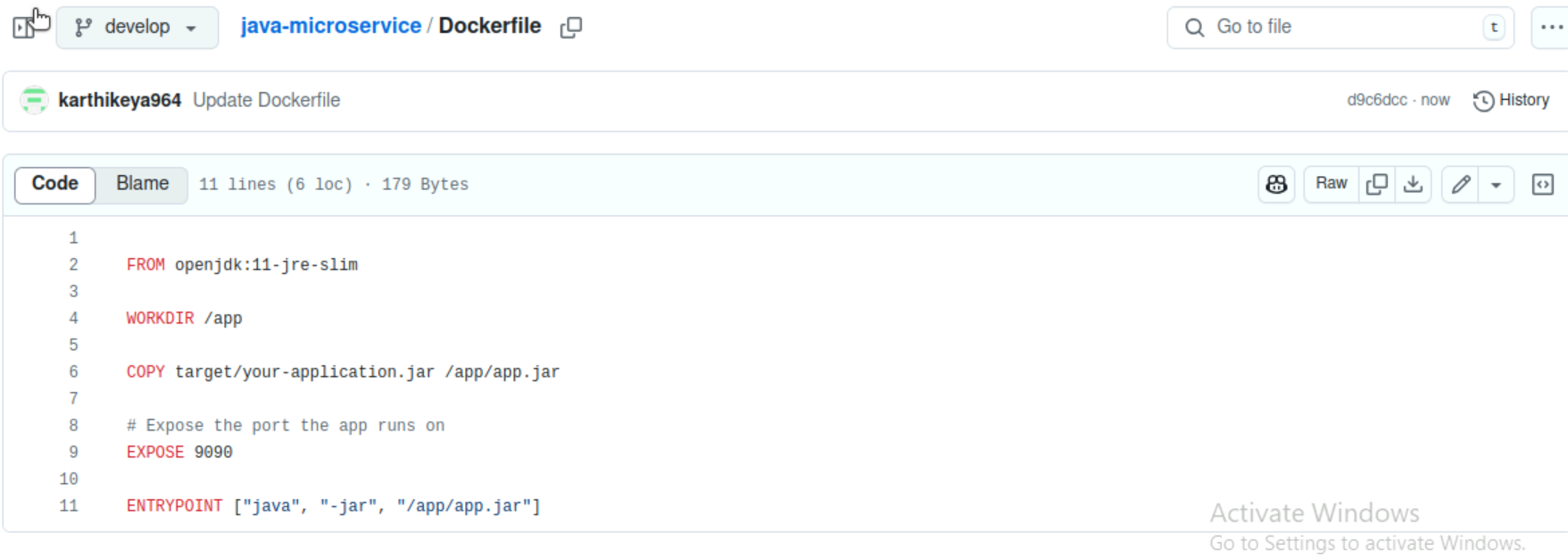
A computer screen with white text

AI-generated content may be incorrect.

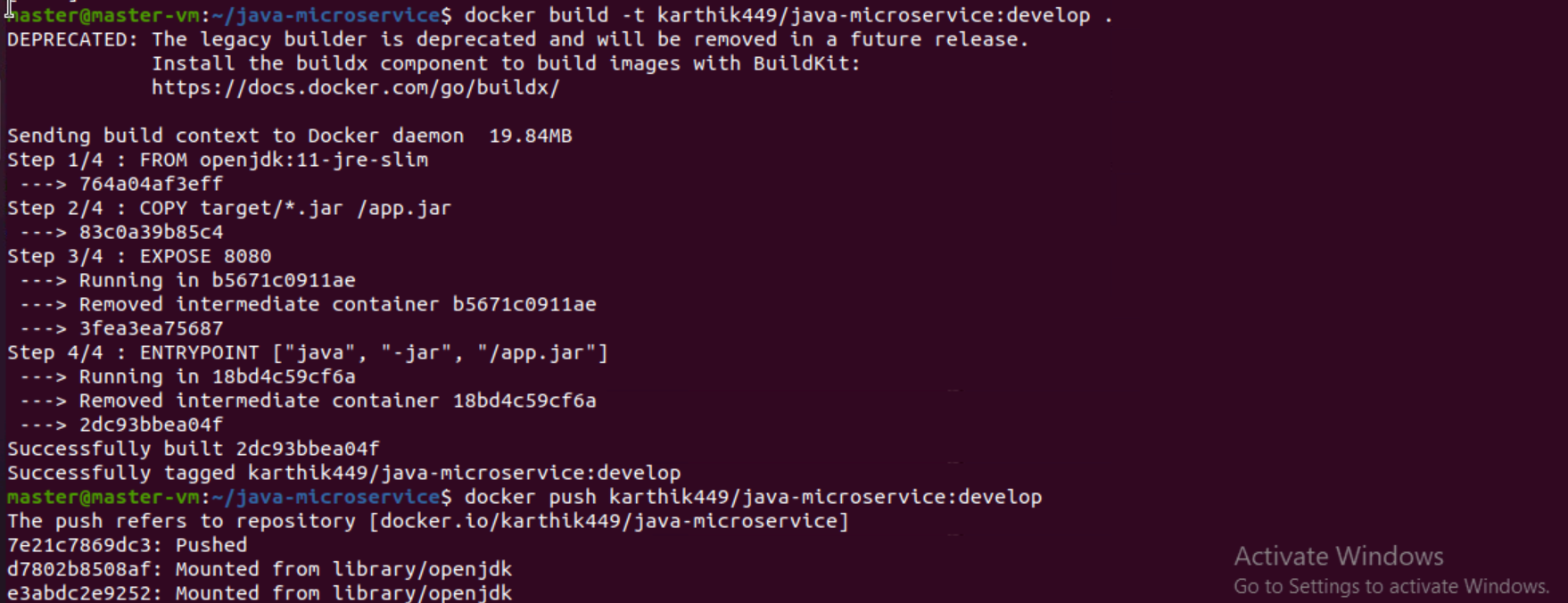
Github webhook:



Docker file:-



Docker: Building the docker image and pushing it to docker-hub

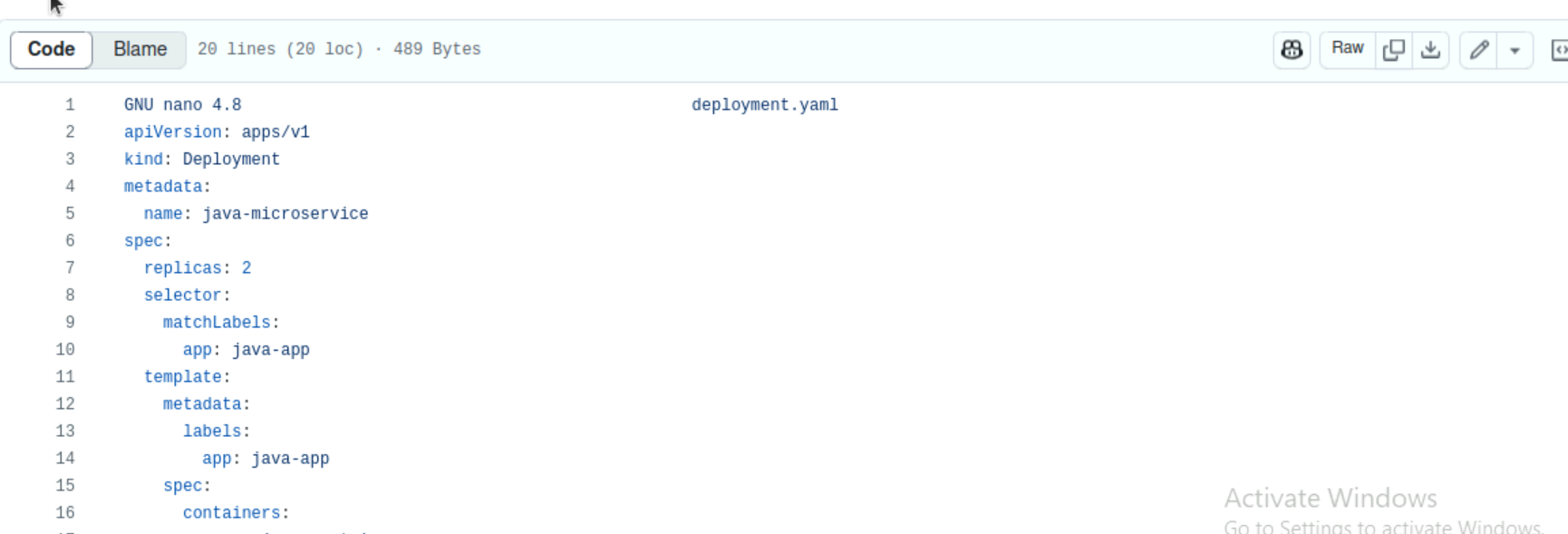


Docker image pushed in dockerhub

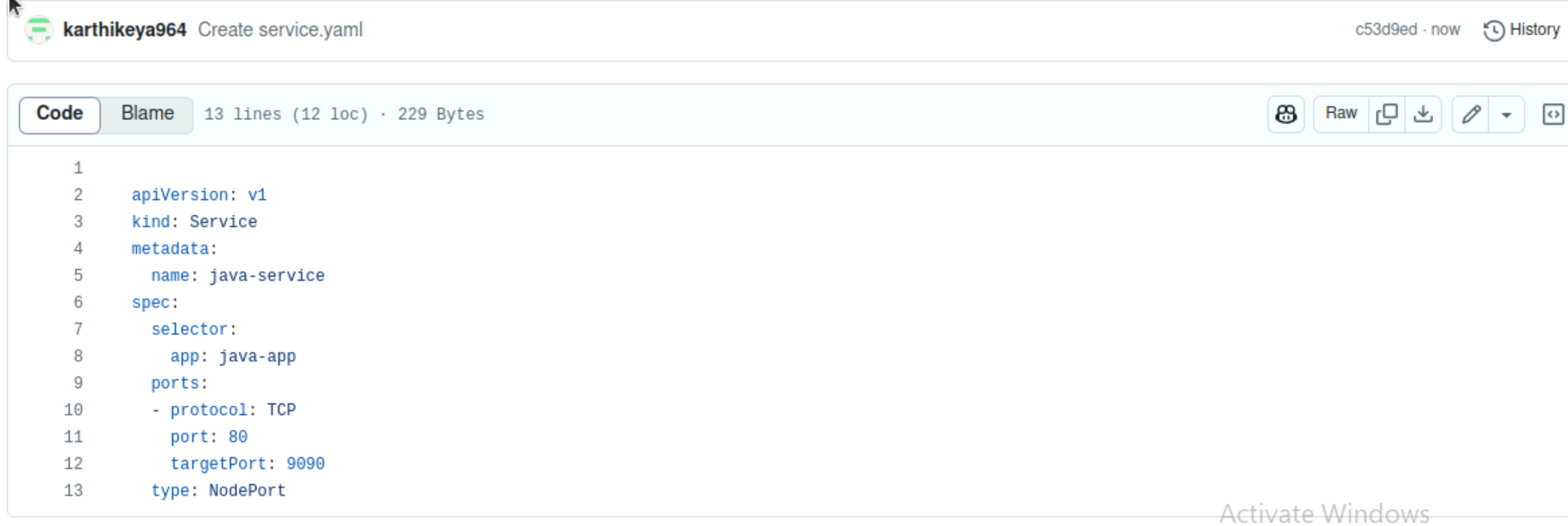


**Kubernetes**

Deployment.yaml file

****

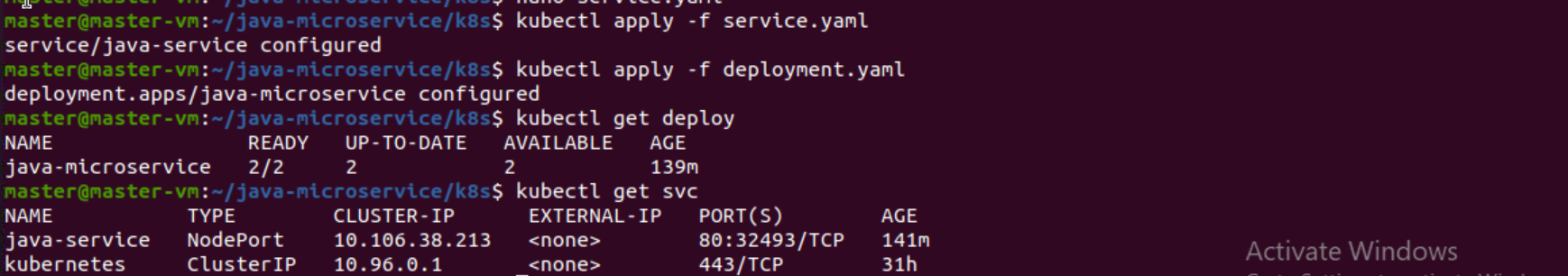
**Service.yaml file**

****

**Pods are running**

****

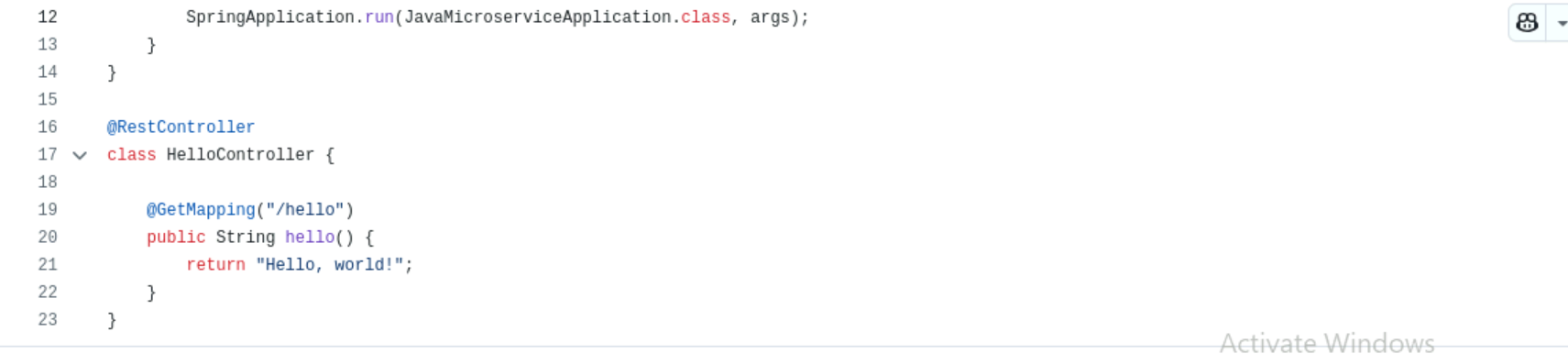
**Verifying the deployments and services**

****

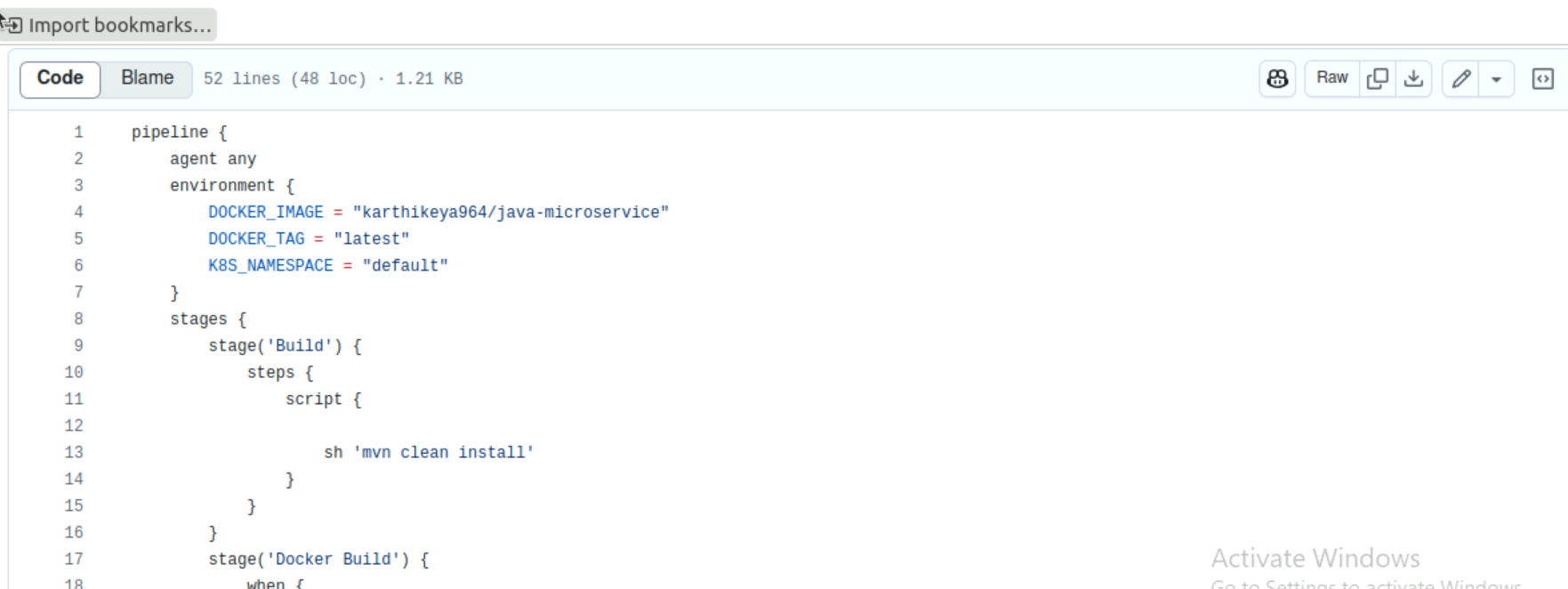
**Pom.xml file:-**

****

****

****

**Jenkins file:**

****

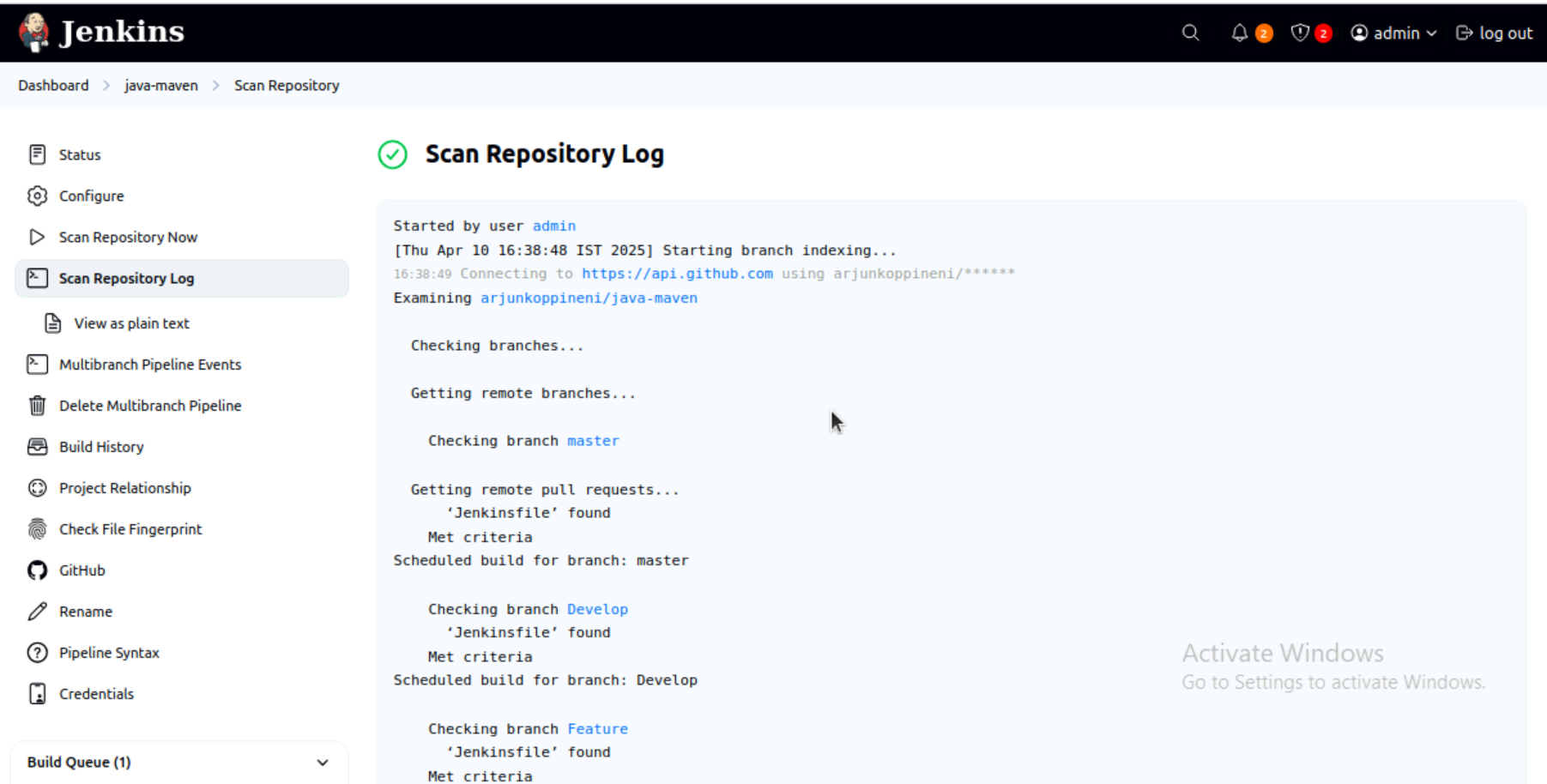
**A white background with black text

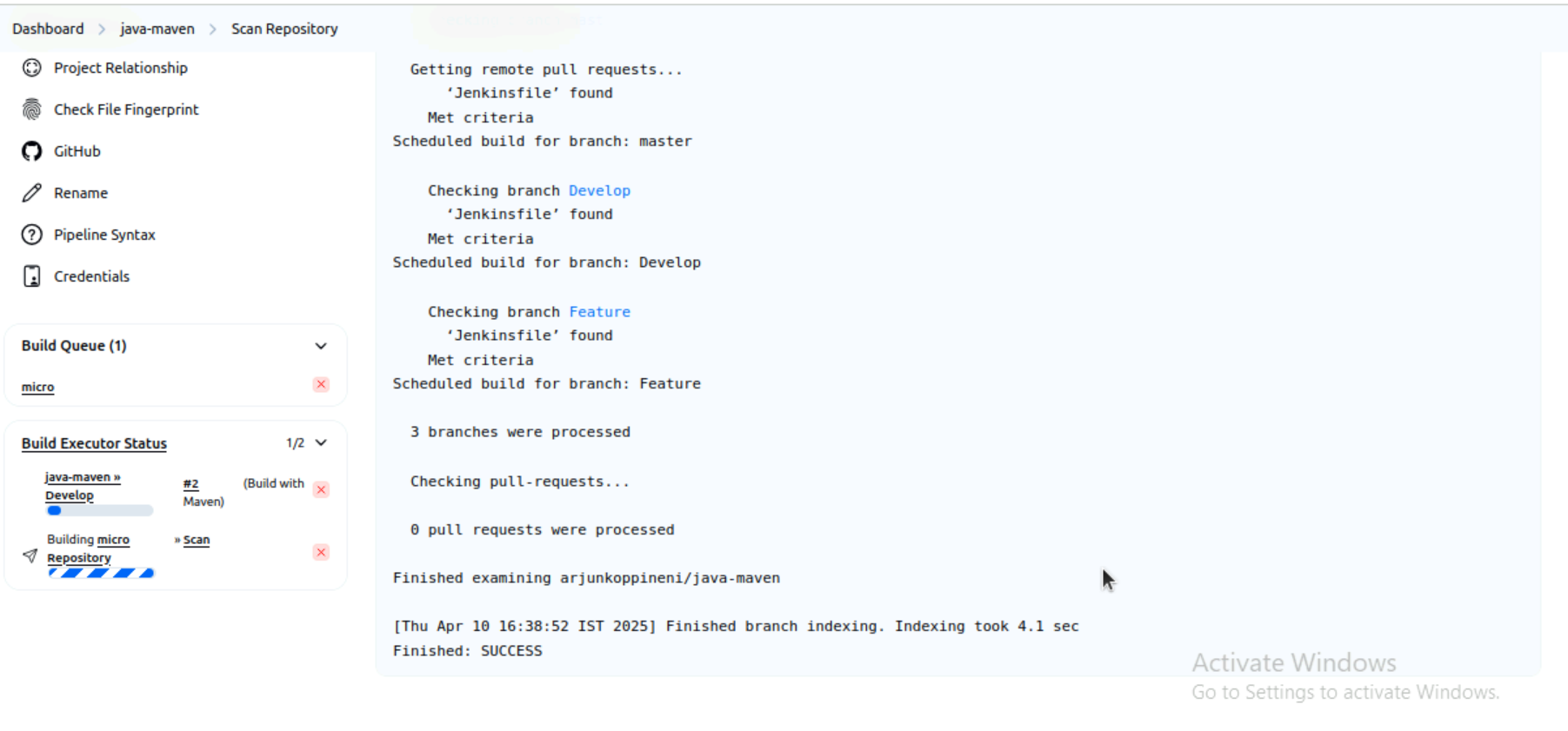
AI-generated content may be incorrect.**

**A close-up of a computer screen

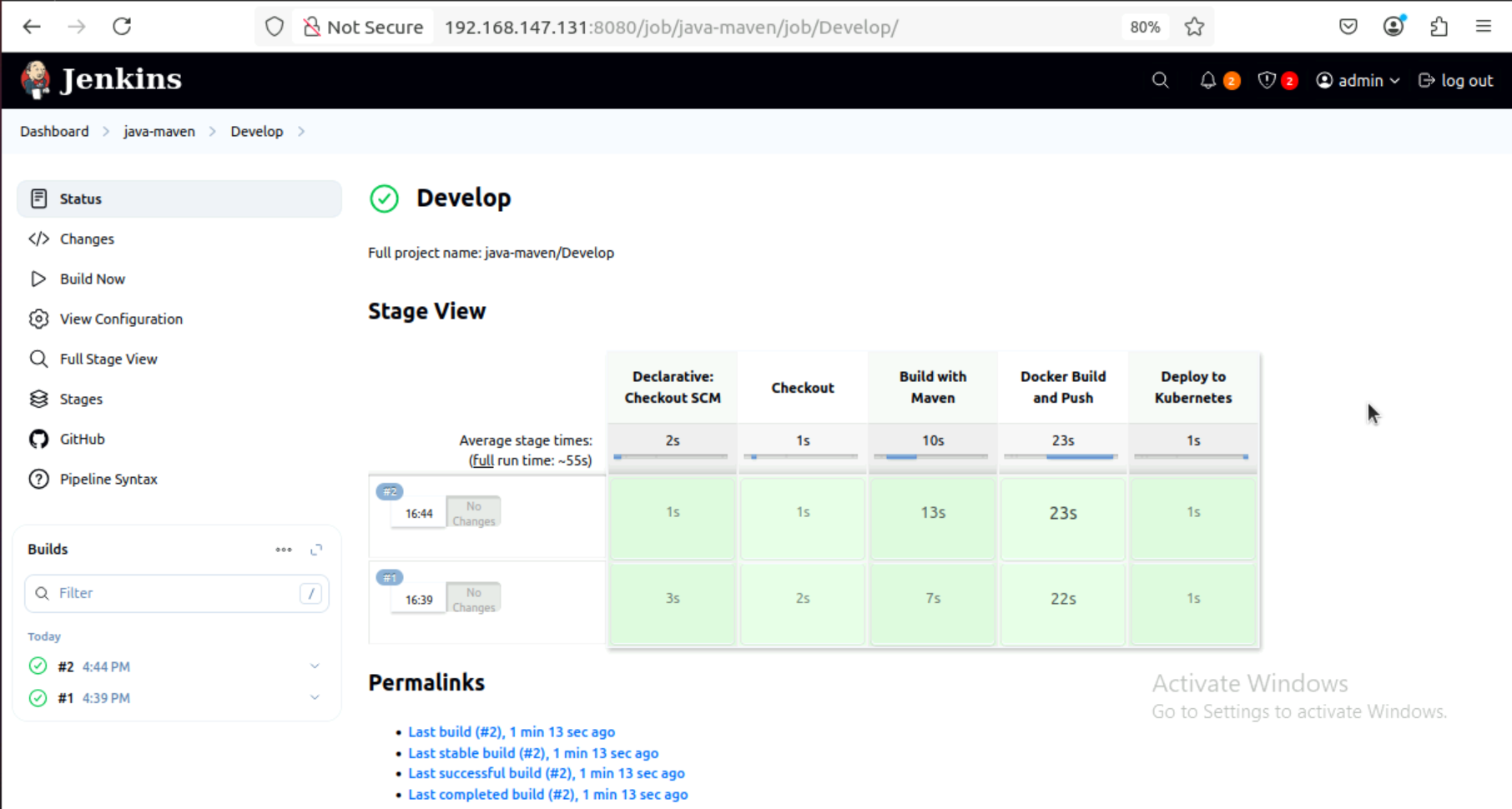
AI-generated content may be incorrect.**

**Jenkins build:**

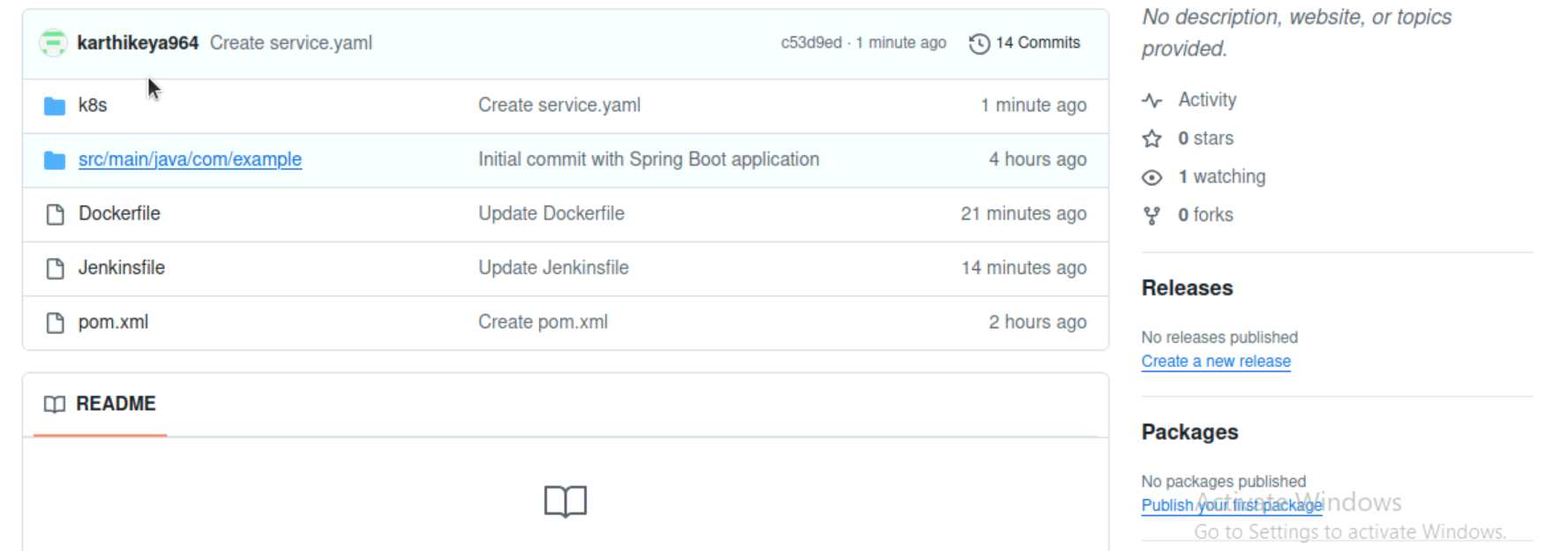




Ouput:



**Github structure**

****

**Github repo link:**<https://github.com/karthikeya964/java-microservice.git>