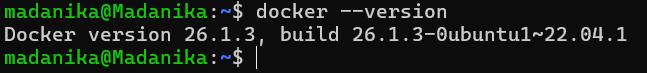
Day-2

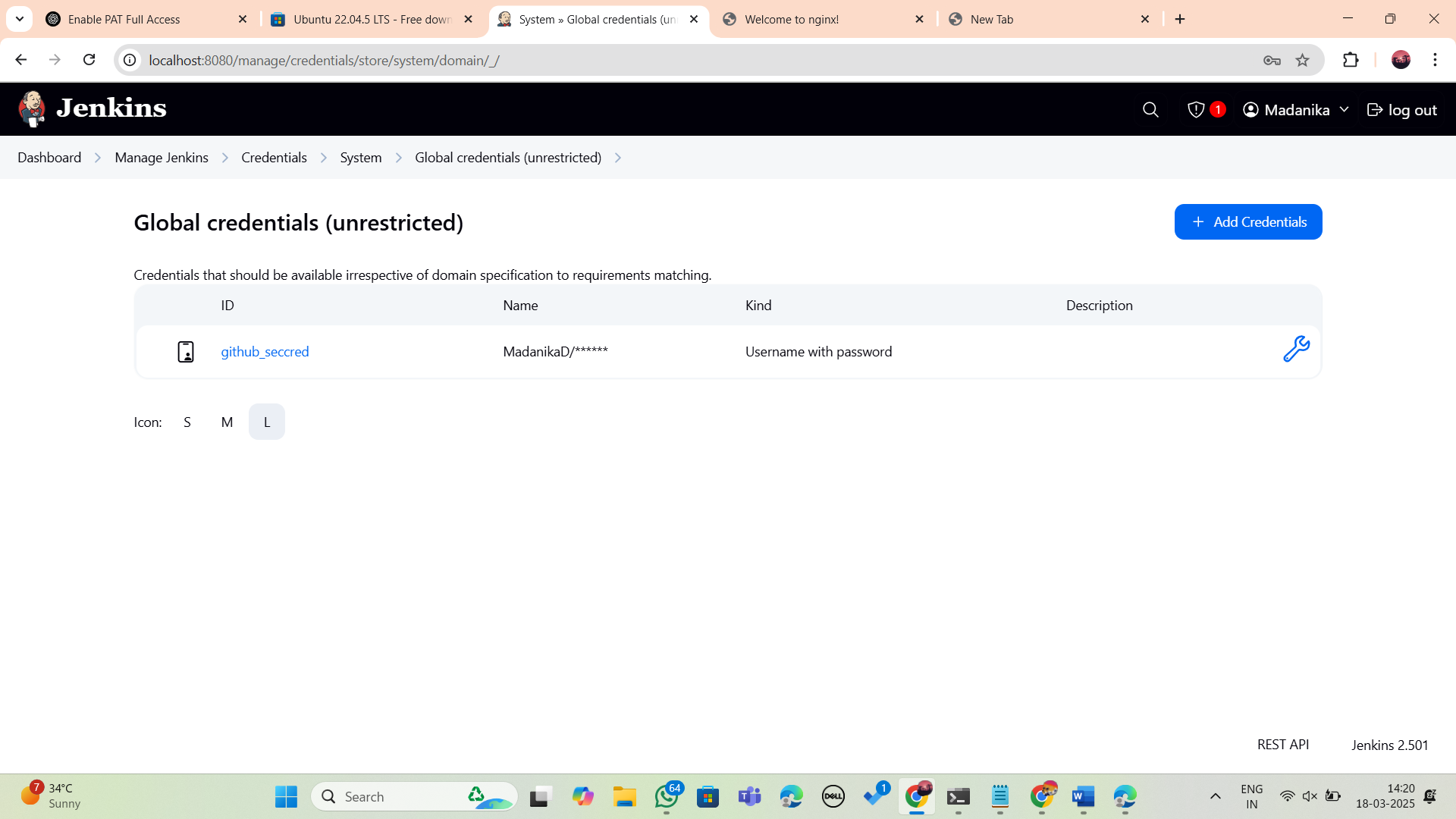
Task-2

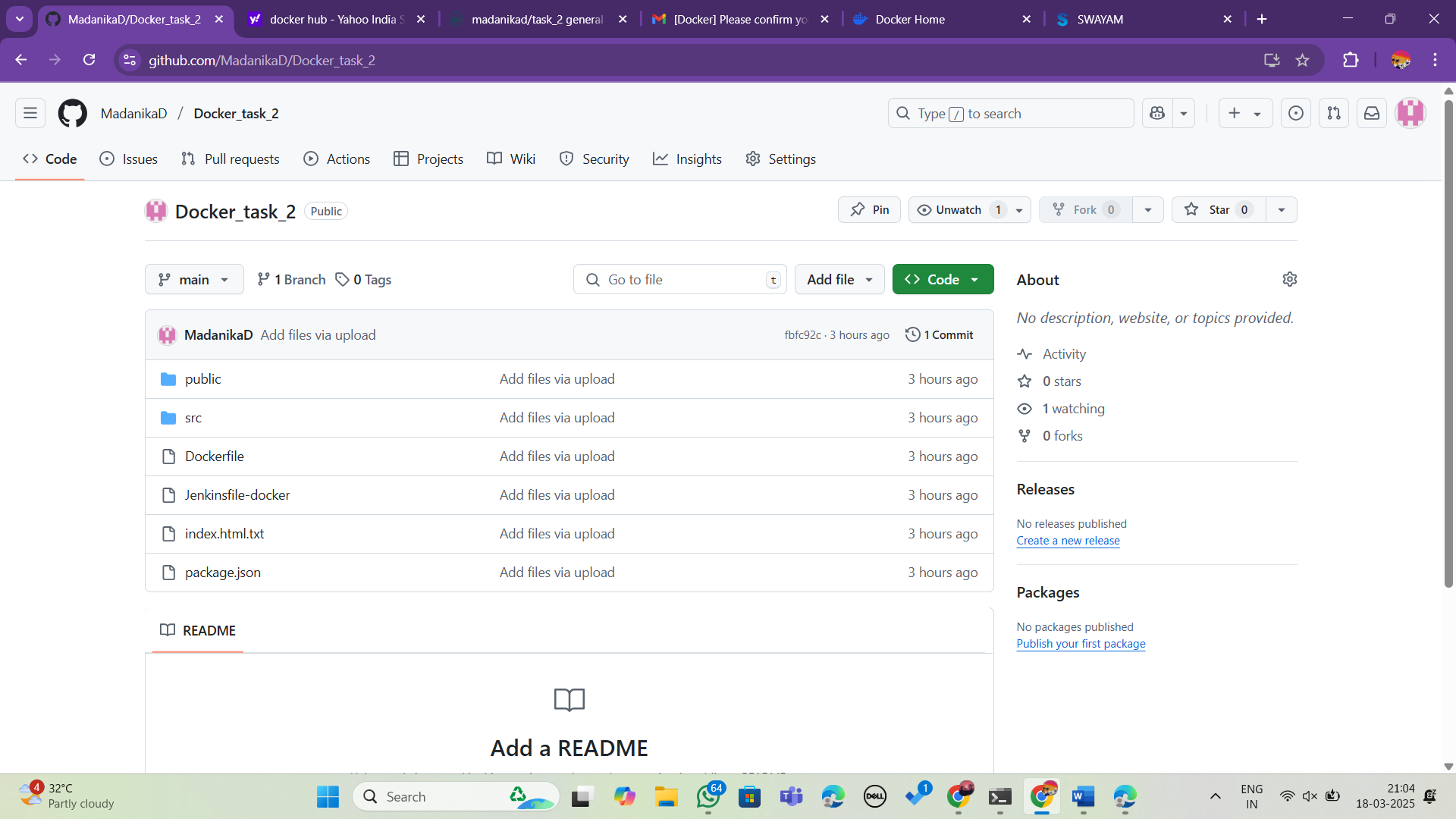
Docker: <https://hub.docker.com/repositories/madanikad>

Repo in docker: madanikad/task\_2

Docker Installation:







In plugins install:

Docker (ignore build)

Pipeline Node

Eclipse

In tools install

Jdk & node

In Jenkins click on new item -> pipeline -> and in the below script section put this script

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/MadanikaD/Docker\_task\_2.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 = "madanikad/task\_2"

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"

sh "docker rm hotstar\_container || true"

// Run the new container

sh "docker run -d --name hotstar\_container -p 3001:3000 madanikad/task\_2:latest"

}

}

}

}

}

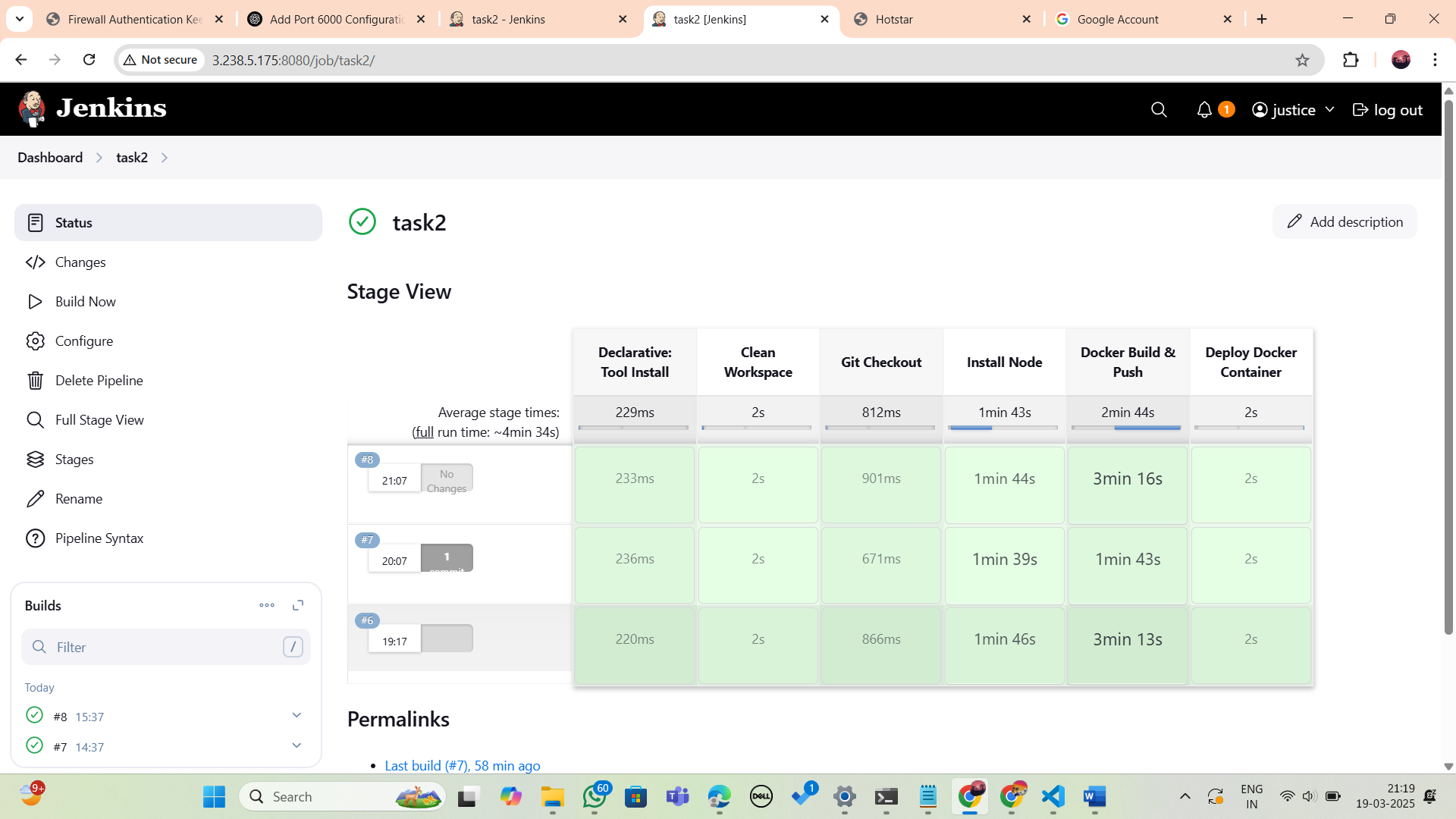
Enter these commands

sudo usermod -aG docker jenkins

sudo chmod 666 /var/run/docker.sock

sudo systemctl restart Jenkins

sudo systemctl status Jenkins



Port:6000:6001

