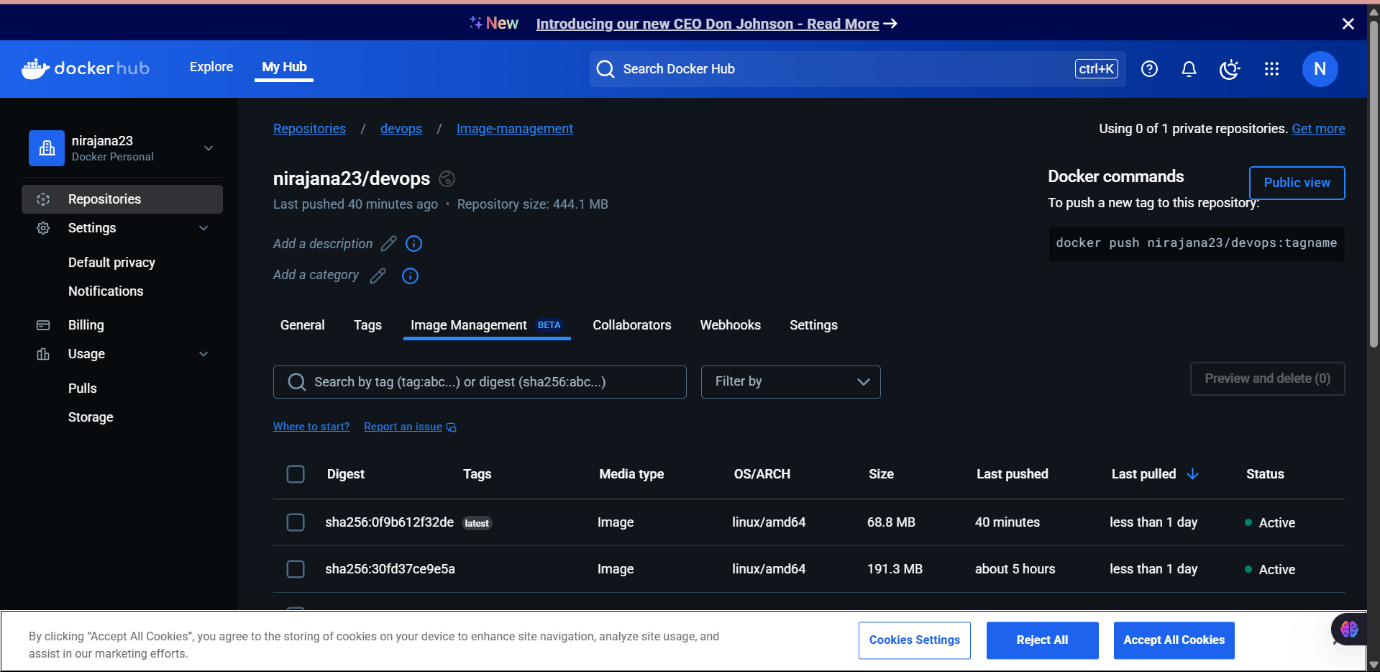
DAY 2-DOCKER

1. Create docker credentials:  
   

2) Pipeline script :  
pipeline {

agent any

environment {

IMAGE\_NAME = "nirajana23/devops" // Replace with your Docker Hub username and image name

TAG = "latest"

CONTAINER\_NAME = "my-container"

PORT = "3001"

}

stages {

stage('Clone Repository') {

steps {

echo "Cloning GitHub repository..."

git branch:'main',url:'https://github.com/Nirajana-Selvaraj/day3devops.git' // Replace with your repo URL

}

}

stage('Build Docker Image') {

steps {

echo "Building Docker image..."

sh 'chmod +x build.sh'

sh './build.sh'

}

}

stage('Login to Docker Hub') {

steps {

echo "Logging into Docker Hub..."

withCredentials([usernamePassword(credentialsId: 'docker-hub-creds', usernameVariable: 'DOCKER\_USER', passwordVariable: 'DOCKER\_PASS')]) {

sh 'docker login -u $DOCKER\_USER -p $DOCKER\_PASS'

}

}

}

stage('Push Docker Image') {

steps {

echo "Pushing Docker image to Docker Hub..."

sh "docker tag $IMAGE\_NAME:$TAG $IMAGE\_NAME:$TAG"

sh "docker push $IMAGE\_NAME:$TAG"

}

}

stage('Deploy Docker Container') {

steps {

echo "Deploying Docker container..."

sh 'chmod +x deploy.sh'

sh './deploy.sh'

}

}

}

post {

success {

echo "Deployment Successful!"

}

failure {

echo "Deployment Failed!"

}

}

}

3)Credentials - Docker  
4)Output  
