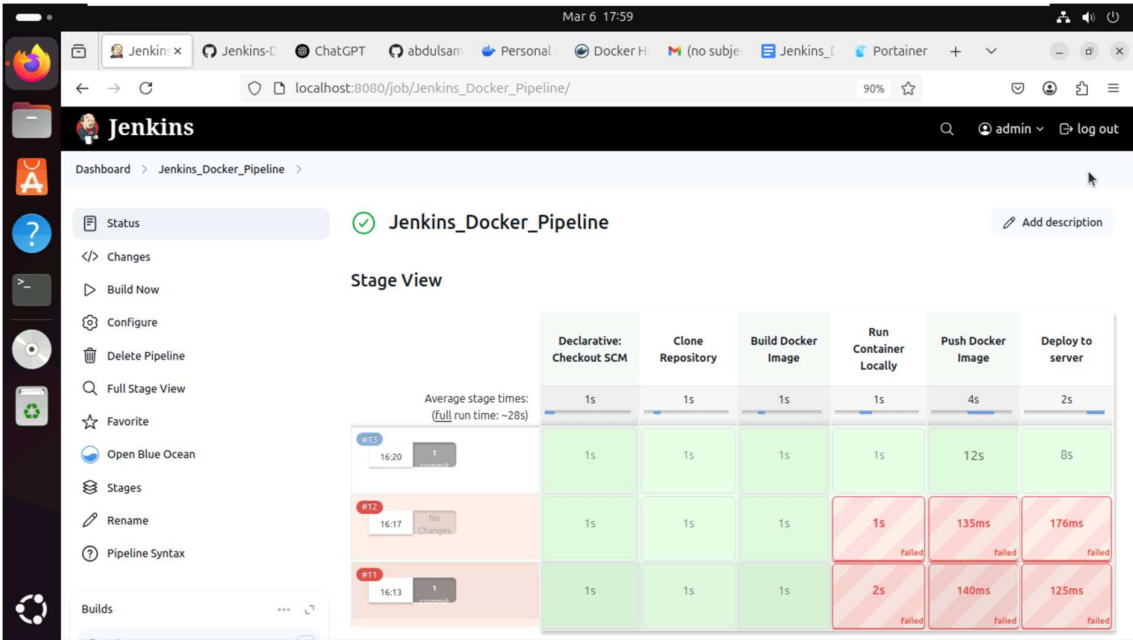


Docker

Project 2

Jenkins-Docker Project



The screenshot shows the Jenkinsfile code in a GitHub repository. The code is a Jenkins pipeline script that defines the stages and steps for building and deploying a Docker container. The stages are: Clone Repository, Build Docker Image, and Run Container Locally. The steps include cloning the repository, building the Docker image, and running the container.

```
1 pipeline{
2   agent any
3   environment{
4     DOCKER_IMAGE = "samimondal/my-jenkins-app"
5     DOCKER_CREDENTIALS_ID = "docker-hub-credentials"
6   }
7   stages {
8     stage('Clone Repository') {
9       steps {
10        echo "Cloning repository..."
11        git url: 'https://github.com/abdulsamimondal/Jenkins-Docker.git', branch: 'main'
12        echo "Repository cloned successfully."
13      }
14    }
15    stage('Build Docker Image') {
16      steps {
17        echo "Starting Docker build..."
18        sh "docker build -t ${DOCKER_IMAGE} ."
19        echo "Docker image built successfully."
20      }
21    }
22  }
23 }
```

Docker

