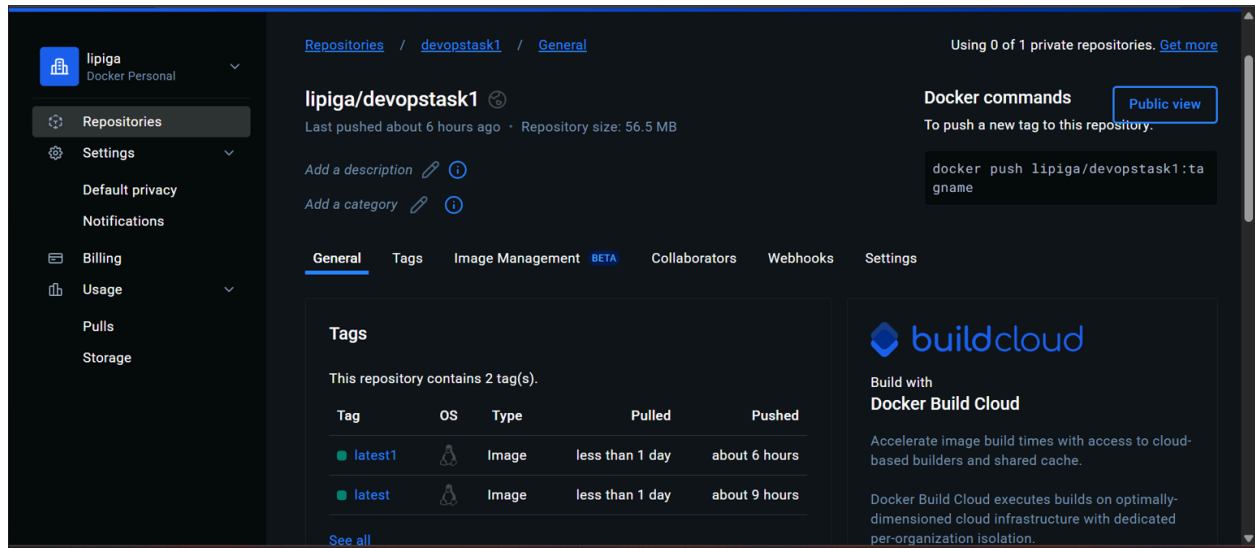


Devops day2



The screenshot shows the Docker Hub interface for the repository `lipiga/devopstask1`. The left sidebar contains navigation links: Repositories, Settings, Billing, Usage, Pulls, and Storage. The main content area shows the repository details, including the last push time and size. A 'Tags' section lists two tags: `latest1` and `latest`. A 'Docker commands' section provides a command to push a new tag. A 'buildcloud' advertisement is visible on the right.

lipiga
Docker Personal

Repositories

Settings

Default privacy

Notifications

Billing

Usage

Pulls

Storage

[Repositories](#) / [devopstask1](#) / [General](#)

Using 0 of 1 private repositories. [Get more](#)

lipiga/devopstask1

Last pushed about 6 hours ago · Repository size: 56.5 MB

[Add a description](#)

[Add a category](#)

Docker commands

To push a new tag to this repository:

```
docker push lipiga/devopstask1:tagname
```

General Tags Image Management **BETA** Collaborators Webhooks Settings

Tags

This repository contains 2 tag(s).

Tag	OS	Type	Pulled	Pushed
<code>latest1</code>	linux	Image	less than 1 day	about 6 hours
<code>latest</code>	linux	Image	less than 1 day	about 9 hours

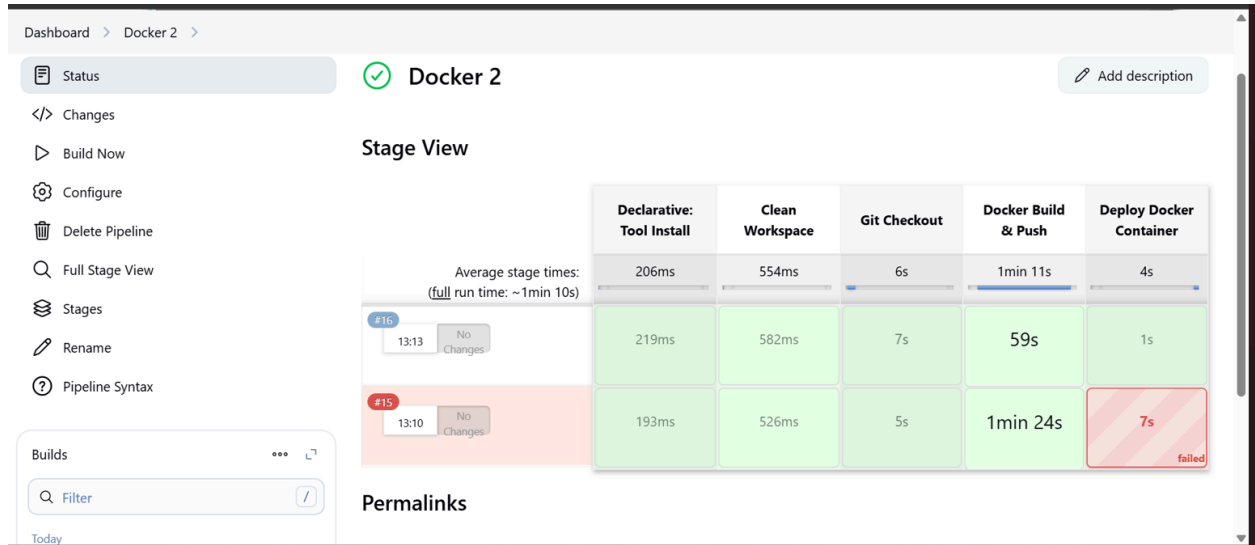
[See all](#)

buildcloud

Build with **Docker Build Cloud**

Accelerate image build times with access to cloud-based builders and shared cache.

Docker Build Cloud executes builds on optimally-dimensioned cloud infrastructure with dedicated per-organization isolation.



The screenshot shows the Docker Pipeline Stage View for a pipeline named 'Docker 2'. The left sidebar contains navigation links: Status, Changes, Build Now, Configure, Delete Pipeline, Full Stage View, Stages, Rename, and Pipeline Syntax. The main content area shows a table of stage times for two builds, #16 and #15. The table columns are Declarative: Tool Install, Clean Workspace, Git Checkout, Docker Build & Push, and Deploy Docker Container. Build #15 is marked as failed in the Deploy Docker Container stage.

Dashboard > Docker 2 >

Status

Docker 2

[Add description](#)

Stage View

Average stage times: (full run time: ~1min 10s)

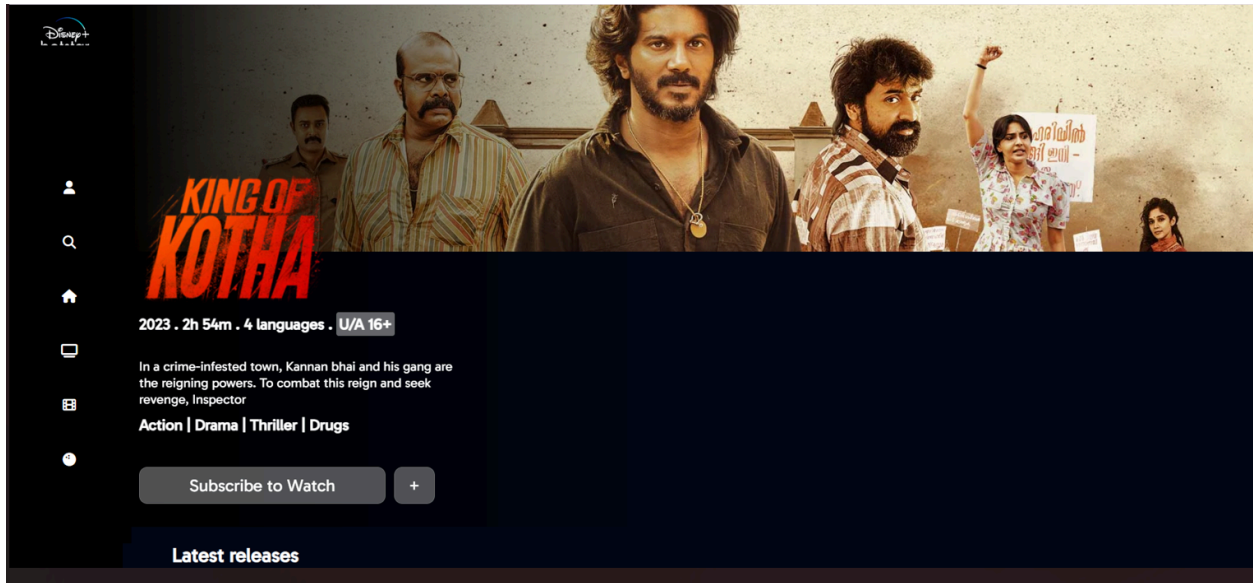
	Declarative: Tool Install	Clean Workspace	Git Checkout	Docker Build & Push	Deploy Docker Container
#16	206ms	554ms	6s	1min 11s	4s
#15	219ms	582ms	7s	59s	1s
#15	193ms	526ms	5s	1min 24s	7s failed

Builds

Filter

Today

Permalinks



```

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/LipigaArunachalam/devops2.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 = "lipiga/devopstask1"
        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 lipiga/devopstask1"
    }
  }
}

```

```
}  
}
```

Commands:

```
sudo usermod -aG docker jenkins  
sudo chmod 666 /var/run/docker.sock  
sudo systemctl restart jenkins  
sudo systemctl status jenkins
```