Day2

```
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system/docker.socket.
Processing triggers for man-db (2.10.2-1) ...
janur123@LAPTOP-OSUEAAR1:~$ docker --version
Docker version 20.10.21, build 20.10.21-0ubuntu1~22.04.3
janur123@LAPTOP-OSUEAAR1:~$
```

```
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/janurj/Deveops_day2.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 = "jananirajasekar/my-repo"

                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 jananirajasekar/my-repo:latest"

       }

      }

   }


      }

   }
```

Disable Project

Configure
Delete Pipeline
Full Stage View
Rename
Pipeline Syntax

Stage View

	Declarative: Tool Install	Clean Workspace	Git Checkout	Install Node	Docker Build & Push	Deploy Docker Container
Average stage times: (Average full run time: ~11min 6s)	1s	6s	8s	2min 31s	1min 0s	1s
#26 Mar 18 22:28 No Changes	1s	9s	4s	2min 1s	8min 25s	7s
#25 Mar 18 22:03 No Changes	262ms	693ms	7s	3min 46s	4s failed	99ms failed
#24 Mar 18 21:59 No Changes	659ms	10s	42s failed	251ms failed	139ms failed	136ms failed
#23 Mar 18 21:11 No Changes	1s	11s	2s	2min 46s	19s failed	861ms failed
#22 Mar 18 21:11 No Changes	1s	2s	6s	2min 51s	18s failed	876ms failed

Build History   trend ⌄

Filter...   /

✓ #26
  Mar 18, 2025, 10:28 PM
  Mar 18, 2025, 10:28 PM

✗ #25   Mar 18, 2025, 10:03 PM

✗ #24   Mar 18, 2025, 9:59 PM

✗ #23   Mar 18, 2025, 9:11 PM

✗ #22   Mar 18, 2025, 9:11 PM

✗ #21   Mar 18, 2025, 9:04 PM

Status
Changes
Console Output
  View as plain text
Edit Build Information
Delete build '#26'
Git Build Data
Restart from Stage
Replay
Pipeline Steps
Workspaces
← Previous Build

✓ Console Output

```
Started by user Janani Rajasekar
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/docker
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Tool Install)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Clean Workspace)
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] tool
[Pipeline] envVarsForTool
[Pipeline] withEnv
[Pipeline] {
[Pipeline] script
[Pipeline] {
```

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