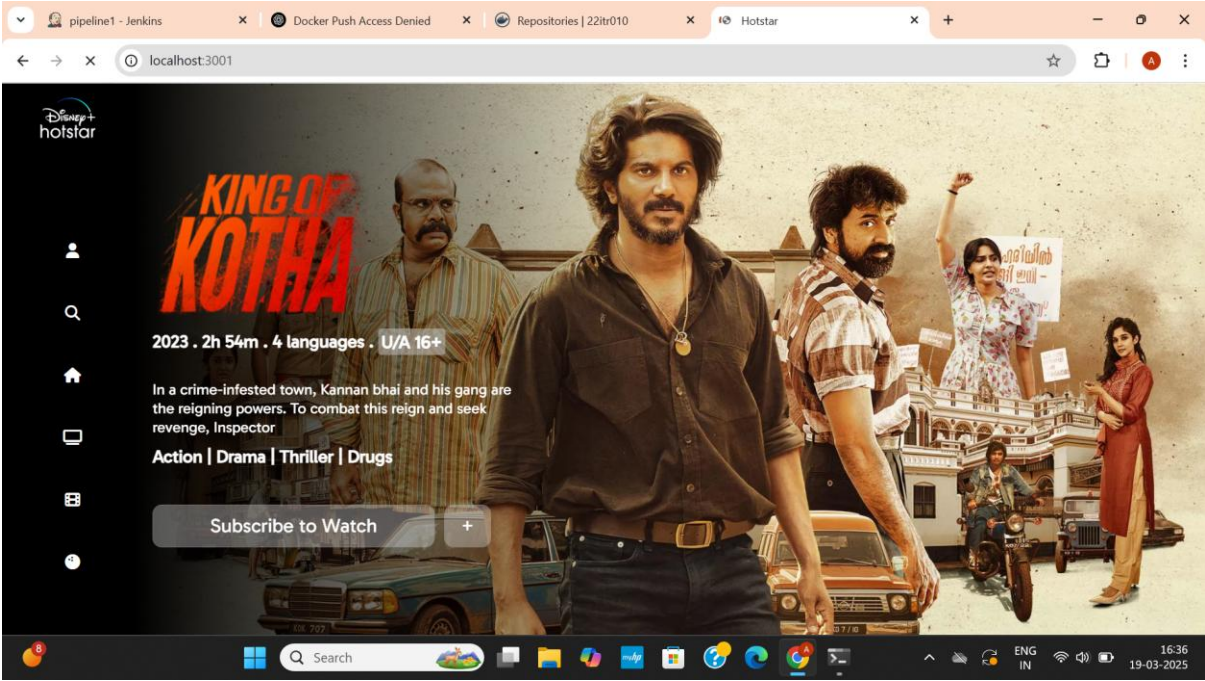


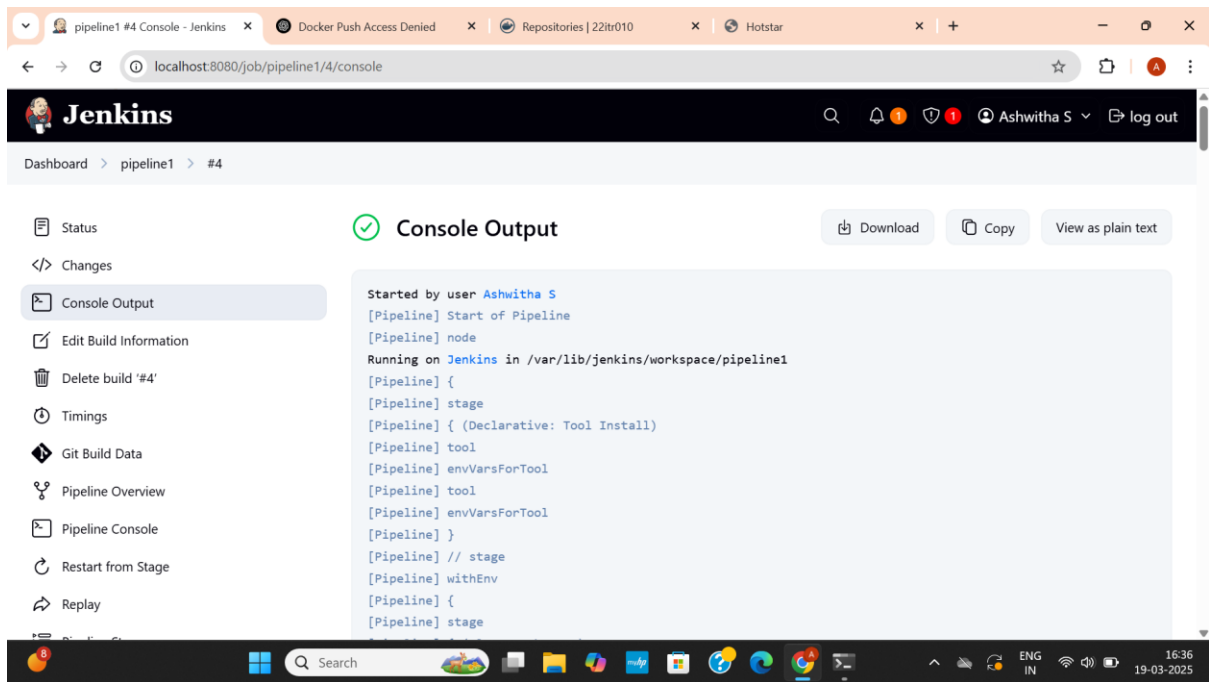
DEVOPS DAY-2

age View

Average stage times:
(full run time: ~26min 40s)

	Declarative: Tool Install	Clean Workspace	Git Checkout	Install Node	Docker Build & Push	Deploy Docker Container
	407ms	3s	9s	2min 53s	12min 14s	1s
16:07 No Changes	399ms	5s	9s	2min 52s	23min 27s	2s





```
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/ashwithasivasubramanian/devops_practice.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', url: 'https://index.docker.io/v1/') {  
                def imageName = "22itr010/devops"  
            }  
        }  
    }  
}
```

```

        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 22itr010/devops:latest"
        }
    }
}
}

```