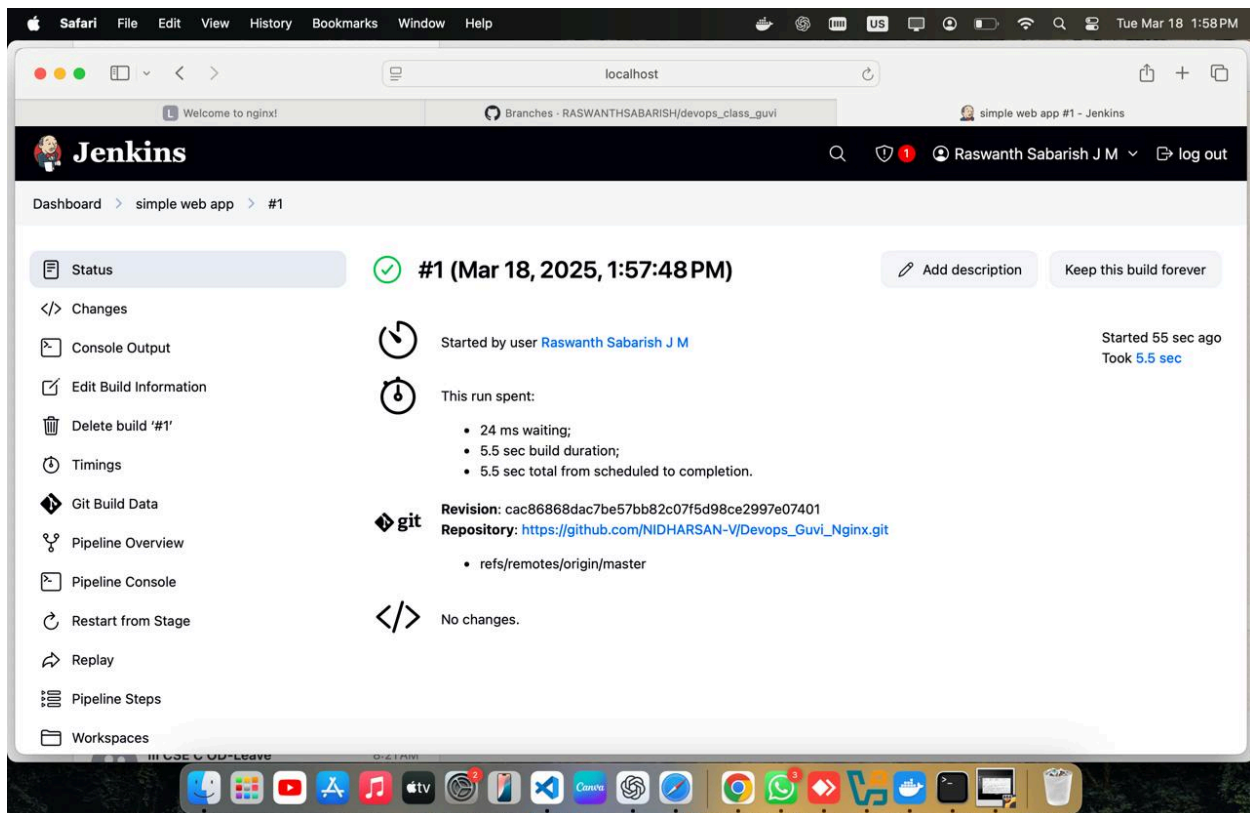


Devops class guvi (DAY-2)

18 March 2025 (DAY-2)

Installed **VirtualBox** and set up linux inside it.

Installed **Jenkins** on both mac and linux.



Created a **Freestyle Project** and configured it to build and deploy index.jsp.

Set up a **Jenkins Pipeline** to automate the build and deployment process.

Wrote a **Jenkinsfile** to define the pipeline stages and pushed it to **GitHub**.

```
simple-web-app > #5

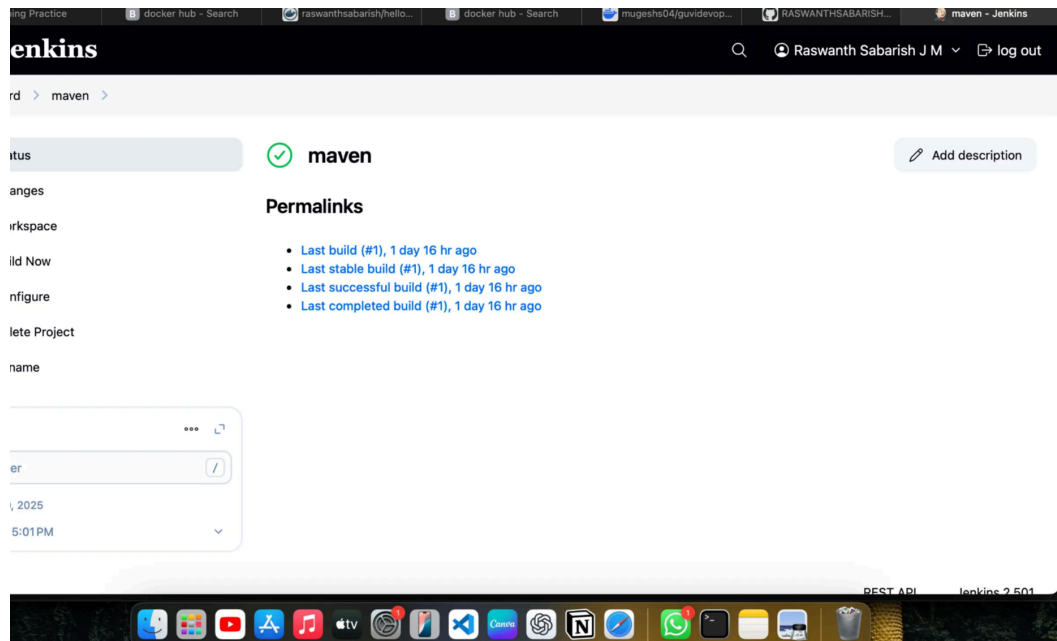
[Pipeline] // script
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Run Docker Container)
[Pipeline] script
[Pipeline] {
[Pipeline] bat

C:\ProgramData\Jenkins\.jenkins\workspace\simple-web-app>docker run -d -p 8888:8080 --name war-container warimage-jenkins
1aa7b7e48602067595e088b0ee5f3404050d735b925d69fa604a2686b37b95c6
[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

REST API Jenkins 2.501

Created a Jenkins pipeline file and pushed it to **GitHub**.

Explored **Jenkins plugins** for extended functionality.



Pipeline code:

```
pipeline {
  agent any

  stages {
    stage('Clone Git Repository') {
      steps {
        git '<https://github.com/NIDHARSAN-V/Devops_Guvi_WAR.git>'
      }
    }

    stage('Build WAR File') {
      steps {
        bat 'mvn clean package' // Build WAR file using Maven
      }
    }

    stage('Build Docker Image') {
      steps {
        script {
          bat 'docker build -t warimage-jenkins .'
        }
      }
    }

    stage('Run Docker Container') { // Optional stage to test the container
      steps {
        script {
          bat 'docker run -d -p 8888:8080 --name war-container warimage-jenkins'
        }
      }
    }
  }
}
```

}

>

✓ simple-web-app

Permalinks

- [Last build \(#5\), 1 min 15 sec ago](#)
- [Last stable build \(#5\), 1 min 15 sec ago](#)
- [Last successful build \(#5\), 1 min 15 sec ago](#)
- [Last failed build \(#4\), 3 min 41 sec ago](#)
- [Last unsuccessful build \(#4\), 3 min 41 sec ago](#)
- [Last completed build \(#5\), 1 min 15 sec ago](#)

...

/