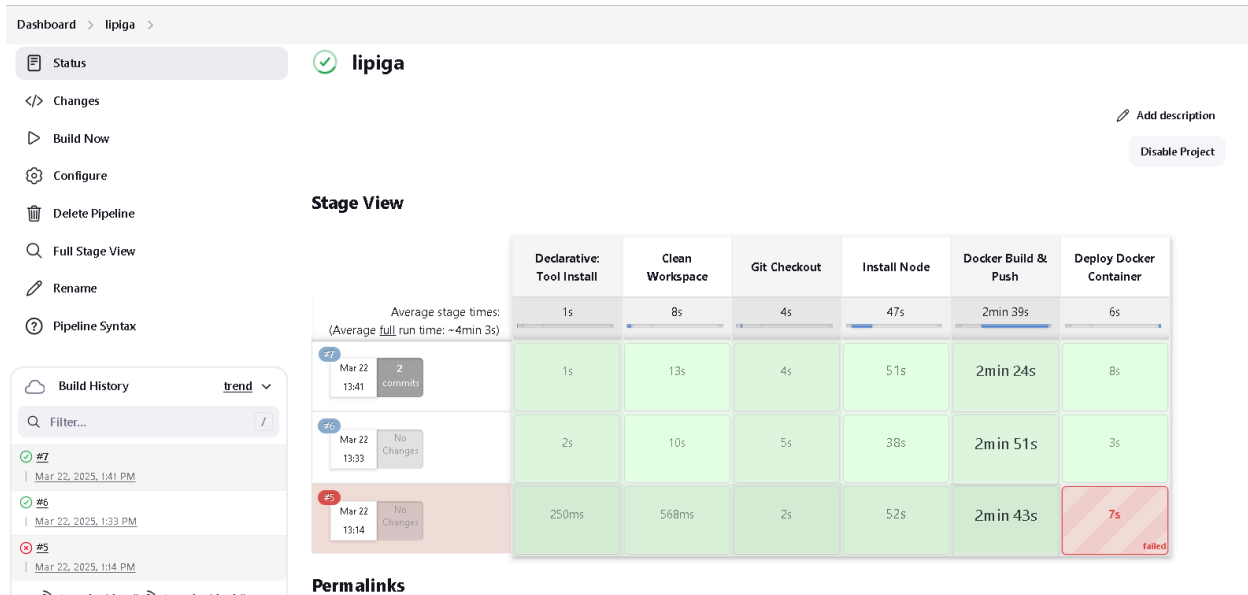# DAY 6

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

pipeline:
```
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_seccred1',
                    url: 'https://github.com/LipigaArunachalam/react-devops.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: 'docker1', toolName: 'docker') {
                    def imageName = "lipiga/devopstask1"
                    def tag = "latest1"

                    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 3003:3000 lipiga/devopstask1:latest1"
      }
  }
}

  }
}
```