

## 2.PIPELINE SCRIPT:

```
stage('Git Checkout') {
 steps {
   script {
     git branch: 'main',
       credentialsId: 'github_seccred',
       url: 'https://github.com/hema04112004/dev-sample.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
     111
   }
 }
}
stage('Docker Build & Push') {
 steps {
   script {
     withDockerRegistry(credentialsId: 'docker', toolName: 'docker') {
       def imageName = "hema0411/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 jusjes_container || true"
     sh "docker rm jusjes_container || true"
     // Run the new container
     sh "docker run -d --name jusjes_container -p 3001:3000 hema0411/my-repo:latest"
   }
  }
}
  }
}
3. TOOLS CONFIG:
Java
Nodejs
Docker
4.Plugins:
Nodejs
Docker related(except build)
Eclipse
Pipeline
5.credentials:
Github&docker
```

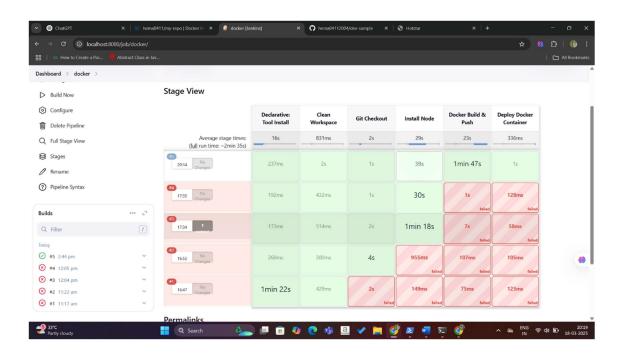
For docker build &deploy

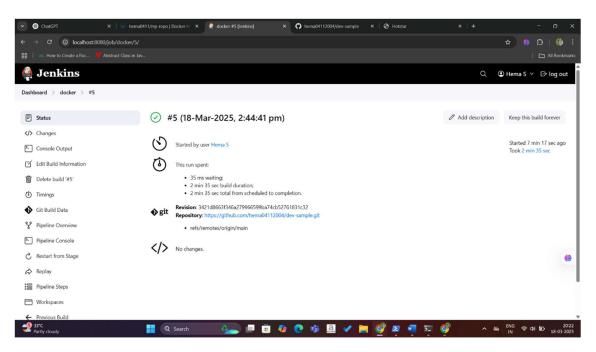
Sudo usemod -aG docker Jenkins

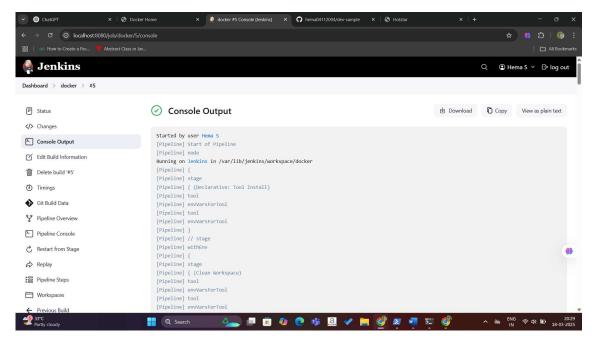
Sudo chmod 666 /var/run/docker.sock

Sudo systemctl restart Jenkins

Sudo systemctl status Jenkins







## localhost:3001

