CI/CD project – Jenkins & Docker Deployment

node{

def buildNumber = BUILD\_NUMBER

stage("Git Clone"){

git url: 'https://github.com/MithunTechnologiesDevOps/java-web-app-docker.git',branch: 'master'

}

stage("Maven Clean Package"){

def mavenHome= tool name:"Maven",type: "maven"

sh "${mavenHome}/bin/mvn clean package"

}

stage("Build Docker Image"){

sh "docker build -t rafia12345/javawebapp:${buildNumber} ."

}

stage("Docker Login And Push"){

withCredentials([string(credentialsId: 'dockerhubpwd', variable: 'dockerhubpwd')]) {

sh " docker login -u rafia12345 -p ${dockerhubpwd}"

}

sh "docker push rafia12345/javawebapp:${buildNumber}"

}

stage("Docker deployment"){

sshagent(['dockerserverssh']) {

sh "ssh -o StrictHostKeyChecking=no ubuntu@172.31.22.77 docker rm -f javawebappcontainer || true "

sh "ssh -o StrictHostKeyChecking=no ubuntu@172.31.22.77 docker run -d -p 8080:8080 --name javawebappacontainer rafia12345/javawebapp:${buildNumber}"

}

}

}









