**Maven\_Project\_Pipeline**

**https://github.com/Divyaraj-Mandale/devops-automation.git**

**pipeline Script**

**pipeline {**

**agent any**

**tools{**

**maven 'maven\_3\_5\_0'**

**}**

**stages{**

**stage('Build Maven'){**

**steps{**

**checkout([$class: 'GitSCM', branches: [[name: '\*/main']], extensions: [], userRemoteConfigs: [[url: 'https://github.com/Divyaraj-Mandale/devops-automation']]])**

**sh 'mvn clean install -Dmaven.test.skip=true'**

**}**

**}**

**stage('Build docker image'){**

**steps{**

**script{**

**sh 'docker version'**

**sh 'docker build -t devops-integration .'**

**sh 'docker image list'**

**sh 'docker tag devops-integration rajmandale/mavenpipeline:devops-integration'**

**}**

**}**

**}**

**stage('Push image to Hub'){**

**steps{**

**script{**

**withCredentials([string(credentialsId: 'DOCKER\_HUB\_PASSWORD', variable: 'dockerhub')]) {**

**sh 'docker login -u rajmandale -p $dockerhub'**

**}**

**sh 'docker push rajmandale/mavenpipeline:devops-integration'**

**}**

**}**

**}**

**stage('Deploy to k8s'){**

**steps{**

**script{**

**def remote = [:]**

**remote.name = 'k8s-master'**

**remote.host = '172.31.30.163'**

**remote.user = 'root'**

**remote.password = 'root'**

**remote.allowAnyHosts = true**

**stage('Put deploymentservice.yaml') {**

**sshPut remote: remote, from: 'deploymentservice.yaml', into: '.'**

**}**

**stage('Deploy spring boot') {**

**sshCommand remote: remote, command: "kubectl apply -f deploymentservice.yaml"**

**}**

**}**

**}**

**}**

**}**

**}**