pipeline {

agent any

environment {

PATH = "/usr/bin:$PATH"

tag = "1.0"

dockerHubUser="akshay451995"

containerName="insure-me"

httpPort="8081"

}

stages {

stage("code clone"){

steps {

checkout scmGit(branches: [[name: '\*/master']], extensions: [], userRemoteConfigs: [[url: 'https://github.com/akshay451995/ak.git']])

}

}

stage("Maven build"){

steps {

sh "mvn clean install -DskipTests"

}

}

stage("Build Docker Image"){

steps{

sh "docker build -t ${dockerHubUser}/insure-me:${tag} ."

}

}

stage("push image to dockerhub"){

steps{

withCredentials([usernamePassword(credentialsId: 'dockerHubAccount', passwordVariable: 'dockerPassword', usernameVariable: 'dockerUser')]) {

sh "docker login -u $dockerUser -p $dockerPassword"

sh "docker push $dockerUser/$containerName:$tag"

}

}

}

stage("Docker container deployment"){

steps{

sh "docker rm $containerName -f"

sh "docker pull $dockerHubUser/$containerName:$tag"

sh "docker run -d --rm -p $httpPort:$httpPort --name $containerName $dockerHubUser/$containerName:$tag"

echo "Application started on port: ${httpPort} (http)"

}

}

}

}