# AUTOMATION OF

# (BUILDING & PUSHING) IMAGES INTO DOCKERHUB

**NAME** : SETTI. RAVITEJA

**EMAIL :** raviteja.setti@gmail.com

**BATCH NO** :12pm -B112

**COURSE** : AWS AND DEVOPS

**TRAINER NAME:** **MADHUKAR REDDY**

**Pipeline:**

pipeline{

agent any

environment {

docker\_image\_name = "raja"

docker\_image\_tag = "v1.0.0"

container\_name="raja"

}

stages{

stage('workspace clean'){

steps{

cleanWs()

}

}

stage('APPLICATION CHECKOUT'){

steps {

checkout scmGit(branches: [[name: '\*/master']], extensions: [], userRemoteConfigs: [[url: 'https://github.com/ravi223344/jpetstore-6.git']])

}

}

stage('APPLICATION VALIDATE'){

steps {

sh 'mvn validate'

}

}

stage('APPLICATION COMPILE'){

steps {

sh 'mvn compile'

}

}

stage('APPLICATION TEST'){

steps {

sh 'mvn test'

}

}

stage('application clean'){

steps{

sh 'mvn clean'

}

}

stage('APPLICATION BUILD'){

steps {

sh 'mvn package'

}

}

stage('docker build and push') {

steps {

script{

withDockerRegistry(credentialsId: 'docker-jenkins') {

sh "docker build -t raja223344/raja:v1.0.0 ."

sh "docker push raja223344/raja:v1.0.0"

sh "docker stop ${container\_name} && docker rm ${container\_name}"

sh "docker run --name ${container\_name} -d -p 8083:8080 raja223344/raja:v1.0.0"

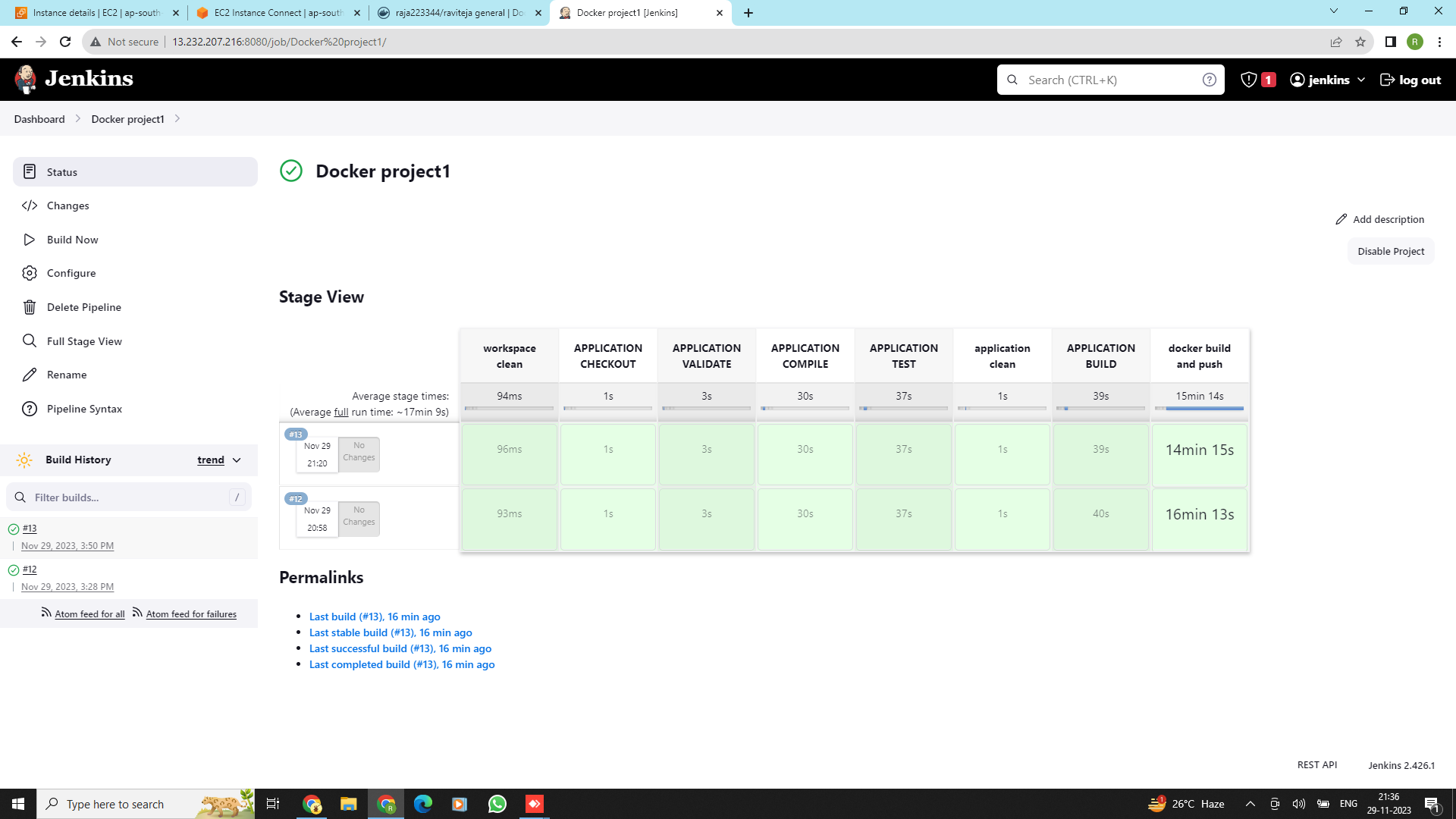
}

}

}

}

}

}

