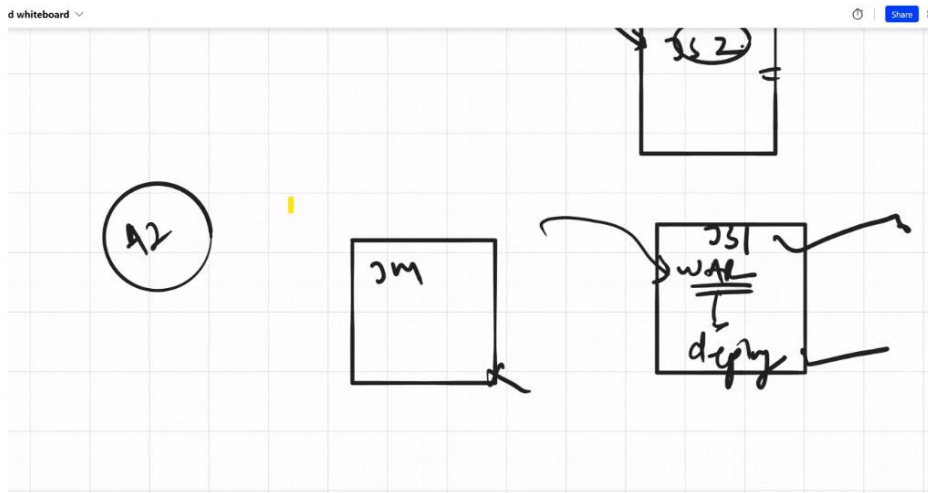


Jenkins assignment :02



EC2 dashboard :

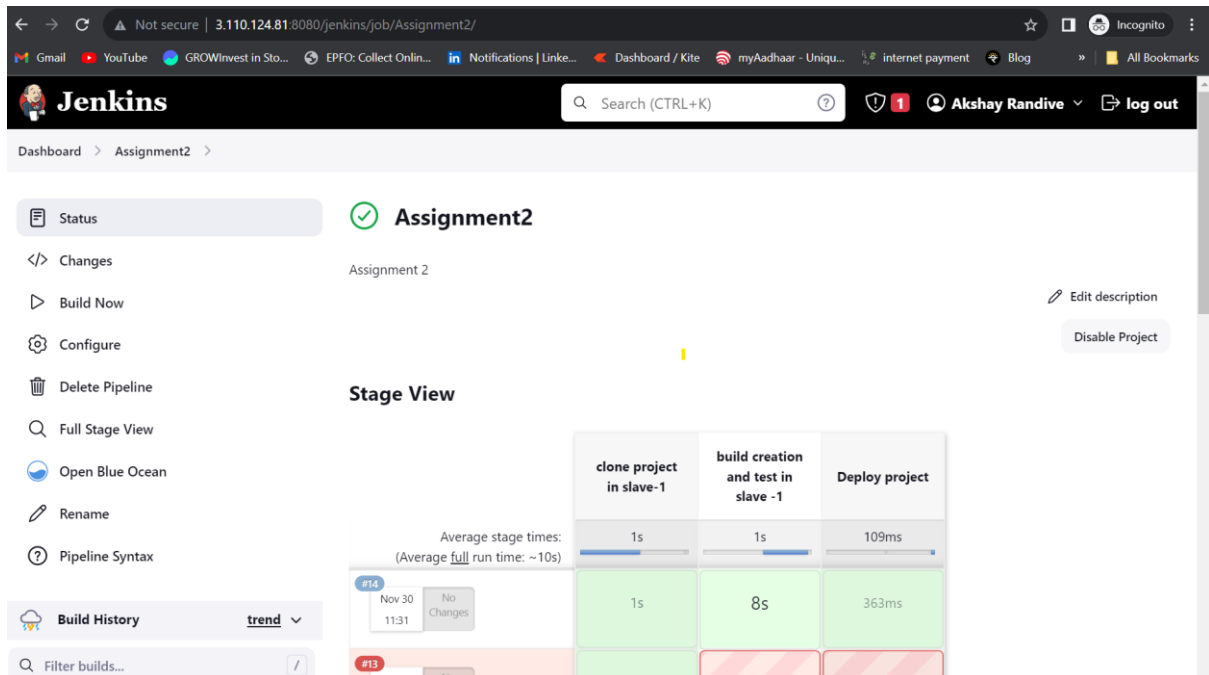
The screenshot shows the AWS Management Console for the 'ap-south-1' region. The left sidebar contains navigation options: EC2 Dashboard, EC2 Global View, Events, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, and Elastic Block Store. The main content area displays the 'Instances (1/4)' list.

Name	Instance ID	Instance state	Instance type	Status check	Alarm
docker-machine	i-0c1d91b8372224afd	Stopped	t2.micro	-	No
slave-1	i-09c70801ee962de17	Running	t2.micro	2/2 checks passed	No
MyJenkinsMaster	i-06fdac1d8fa493a38	Running	t2.micro	2/2 checks passed	No
slave-2	i-03274ce739c54b2c7	Stopped	t2.micro	-	No

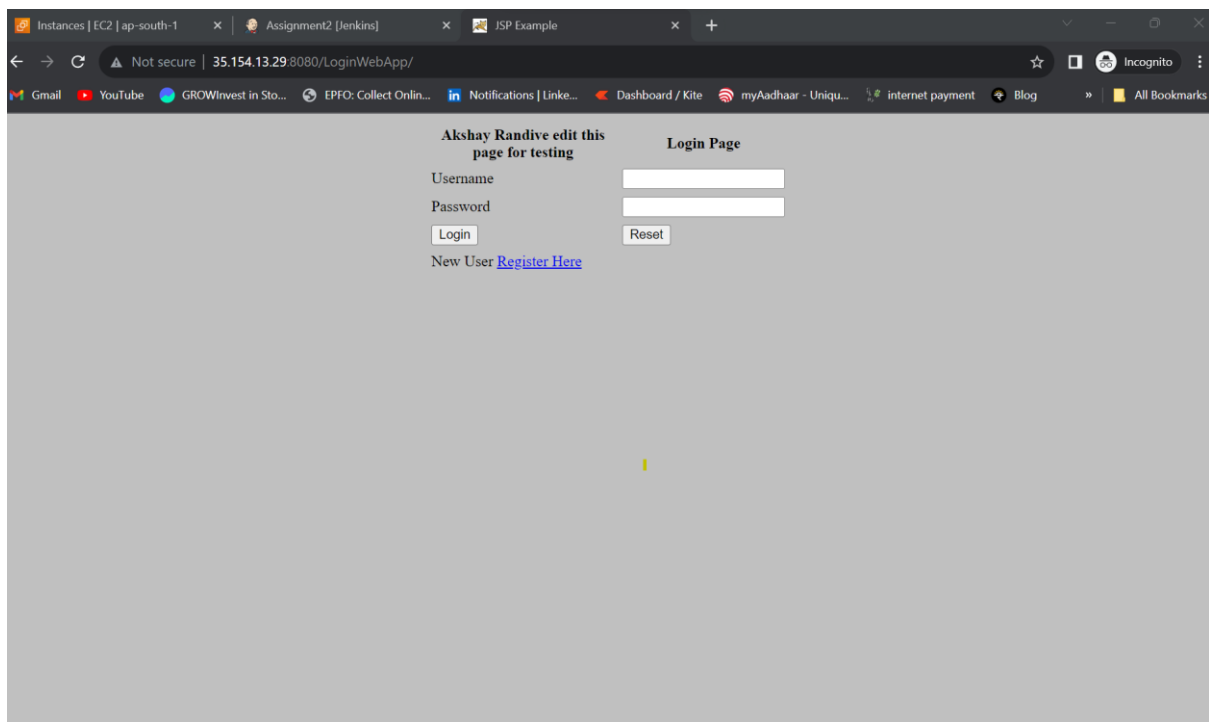
Below the list, the details for the selected instance 'slave-1' (ID: i-09c70801ee962de17) are shown. The 'Instance summary' section includes:

- Instance ID: i-09c70801ee962de17 (slave-1)
- Public IPv4 address: 35.154.13.29 (with a link to 'open address')
- Private IPv4 addresses: 172.31.13.250
- Instance state: Running
- Public IPv4 DNS: ec2-35-154-13-29.ap-south-1.compute.amazonaws.com (with a link to 'open address')

Jenkins dashboard :



Slave-1 after deployment login page:



```
16 root@ip-172-31-7-226.mnt:~$
20 ec2-user@ip-172-31-13-250.mnt:~$
-rwxrwxrwx 1 root root 1922 Nov 9 20:57 configtest.sh
-rwxrwxrwx 1 root root 9100 Nov 9 20:57 daemon.sh
-rwxrwxrwx 1 root root 2091 Nov 9 20:57 digest.bat
-rwxrwxrwx 1 root root 1965 Nov 9 20:57 digest.sh
-rwxrwxrwx 1 root root 3606 Nov 9 20:57 makebase.bat
-rwxrwxrwx 1 root root 3382 Nov 9 20:57 makebase.sh
-rwxrwxrwx 1 root root 3814 Nov 9 20:57 setclasspath.bat
-rwxrwxrwx 1 root root 4317 Nov 9 20:57 setclasspath.sh
-rwxrwxrwx 1 root root 2020 Nov 9 20:57 shutdown.bat
-rwxrwxrwx 1 root root 1902 Nov 9 20:57 shutdown.sh
-rwxrwxrwx 1 root root 2022 Nov 9 20:57 startup.bat
-rwxrwxrwx 1 root root 1904 Nov 9 20:57 startup.sh
-rwxrwxrwx 1 root root 49610 Nov 9 20:57 tomcat-juli.jar
-rwxrwxrwx 1 root root 438209 Nov 9 20:57 tomcat-native.tar.gz
-rwxrwxrwx 1 root root 4576 Nov 9 20:57 tool-wrapper.bat
-rwxrwxrwx 1 root root 5540 Nov 9 20:57 tool-wrapper.sh
-rwxrwxrwx 1 root root 2026 Nov 9 20:57 version.bat
-rwxrwxrwx 1 root root 1908 Nov 9 20:57 version.sh
[ec2-user@ip-172-31-13-250 bin]$ ./startup.sh
Using CATALINA_BASE: /mnt/server/apache-tomcat-9.0.83
Using CATALINA_HOME: /mnt/server/apache-tomcat-9.0.83
Using CATALINA_TMPDIR: /mnt/server/apache-tomcat-9.0.83/temp
Using JRE_HOME: /usr
Using CLASSPATH: /mnt/server/apache-tomcat-9.0.83/bin/bootstrap.jar:/mnt/server/apache-tomcat-9.0.83/bin/tomcat-juli.jar
Tomcat started.
[ec2-user@ip-172-31-13-250 bin]$ cd ..
[ec2-user@ip-172-31-13-250 apache-tomcat-9.0.83]$ cd webapps/
[ec2-user@ip-172-31-13-250 webapps]$ ll
total 3844
drwxrwxrwx 16 root root 4096 Nov 9 20:57 docs
drwxrwxrwx 7 root root 99 Nov 9 20:57 examples
drwxrwxrwx 6 root root 79 Nov 9 20:57 host-manager
drwxr-x-- 4 ec2-user ec2-user 175 Nov 30 06:19 LoginWebApp
-rw-rw-r-- 1 ec2-user ec2-user 3930179 Nov 30 06:01 LoginWebApp.war
drwxrwxrwx 6 root root 114 Nov 9 20:57 manager
drwxrwxrwx 3 root root 223 Nov 9 20:57 ROOT
[ec2-user@ip-172-31-13-250 webapps]$
```

Pipeline script for job:

pipeline

```
{
  agent{
    label{
      label "slave-1"
      customWorkspace "/mnt/cloneProjectassign2/"
    }
  }
  stages{
    stage("clone project in slave-1")
    {
      steps{
        sh "rm -rf * "
        sh "git clone https://github.com/Akirandive/project.git "
```

```

    echo "clone project successfully !!!!"

    sh "chmod -R 777 /mnt/cloneProjectassign2* "

}

}

stage("build creation and test in slave -1 ")
{
    agent {
        label{
            label "slave-1"
        }
    }

    steps{
        dir("/mnt/cloneProjectassign2/project/")
        {
            //sh "./mavenbuild.sh "

            // sh "mvn -f /mnt/cloneProjectassign2/project/pom.xml clean install -U "

            //sh "mvn clean install "

            sh "/mnt/build-tool/apache-maven-3.9.5/bin/mvn clean install "

        }
    }
}

stage( "Deploy project ")
{
    steps{

        sh "cp /mnt/cloneProjectassign2/project/target/*.war /mnt/server/apache-tomcat-9.0.83/webapps/"

    }
}

```

}
}