

Jenkins Task

Output:

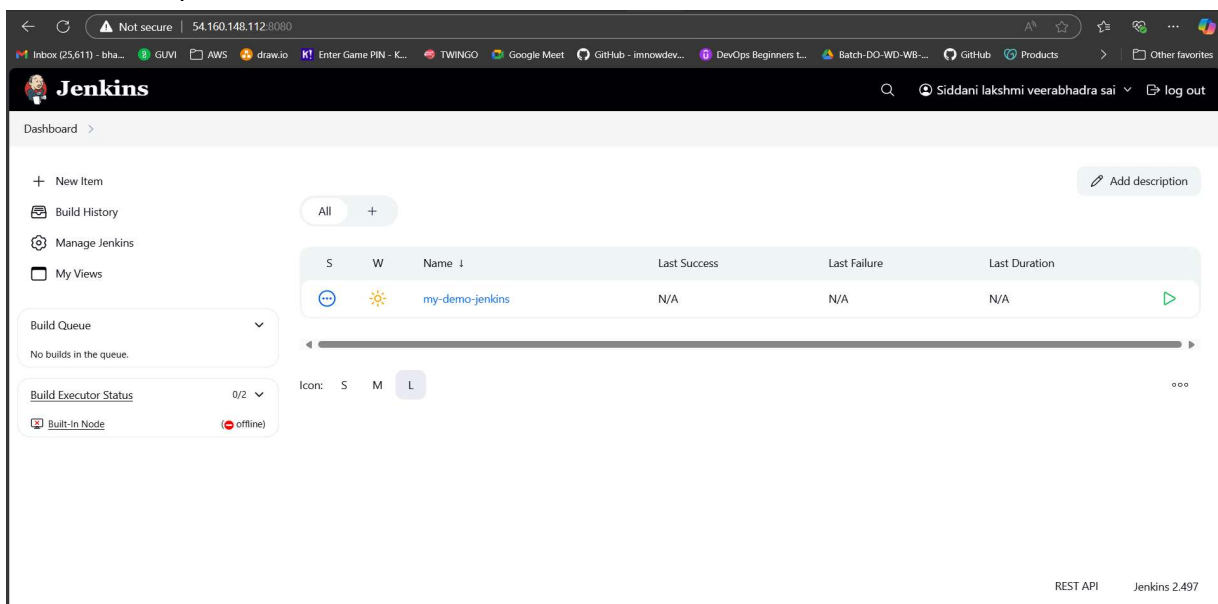
1. Logged into Ec2 instance and installed jenkins and Java in the server.

```
[ec2-user@ip-172-31-21-23 ~]$ java -version
openjdk version "17.0.14" 2025-01-21 LTS
OpenJDK Runtime Environment Corretto-17.0.14.7.1 (build 17.0.14+7-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.14.7.1 (build 17.0.14+7-LTS, mixed mode,
sharing)
[ec2-user@ip-172-31-21-23 ~]$ sudo systemctl restart jenkins
[ec2-user@ip-172-31-21-23 ~]$ sudo systemctl status jenkins
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; disabled; preset:
   Active: active (running) since Sat 2025-02-15 13:06:27 UTC; 5s ago
     Main PID: 5376 (java)
       Tasks: 46 (limit: 1111)
      Memory: 394.3M
         CPU: 14.480s
    CGroup: /system.slice/jenkins.service
            └─5376 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java

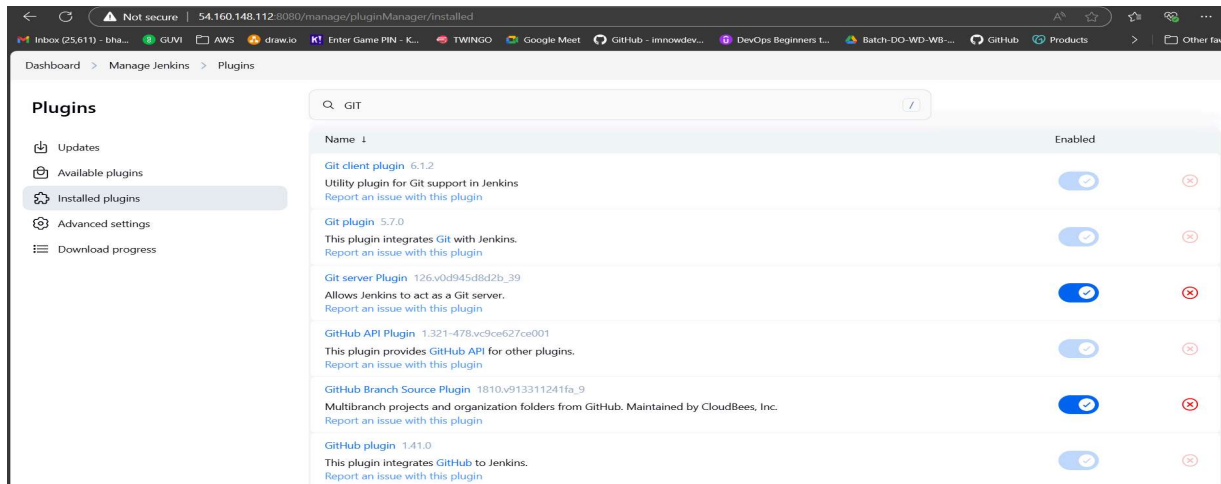
Feb 15 13:06:21 ip-172-31-21-23.ec2.internal jenkins[5376]: This may also be fo
Feb 15 13:06:21 ip-172-31-21-23.ec2.internal jenkins[5376]: *****
Feb 15 13:06:21 ip-172-31-21-23.ec2.internal jenkins[5376]: *****
Feb 15 13:06:21 ip-172-31-21-23.ec2.internal jenkins[5376]: *****
Feb 15 13:06:27 ip-172-31-21-23.ec2.internal jenkins[5376]: 2025-02-15 13:06:27
Feb 15 13:06:27 ip-172-31-21-23.ec2.internal jenkins[5376]: 2025-02-15 13:06:27
Feb 15 13:06:27 ip-172-31-21-23.ec2.internal systemd[1]: Started jenkins.servic
Feb 15 13:06:27 ip-172-31-21-23.ec2.internal jenkins[5376]: 2025-02-15 13:06:27
Feb 15 13:06:27 ip-172-31-21-23.ec2.internal jenkins[5376]: 2025-02-15 13:06:27
Feb 15 13:06:32 ip-172-31-21-23.ec2.internal jenkins[5376]: 2025-02-15 13:06:32

[ec2-user@ip-172-31-21-23 ~]$ sudo systemctl enable jenkins
Created symlink /etc/systemd/system/multi-user.target.wants/jenkins.service → /u
sr/lib/systemd/system/jenkins.service.
[ec2-user@ip-172-31-21-23 ~]$ sudo cat /var/lib/jenkins/secrets/initialAdminPass
word
0d85a51a5fa54903a34f26447ab809ab
```

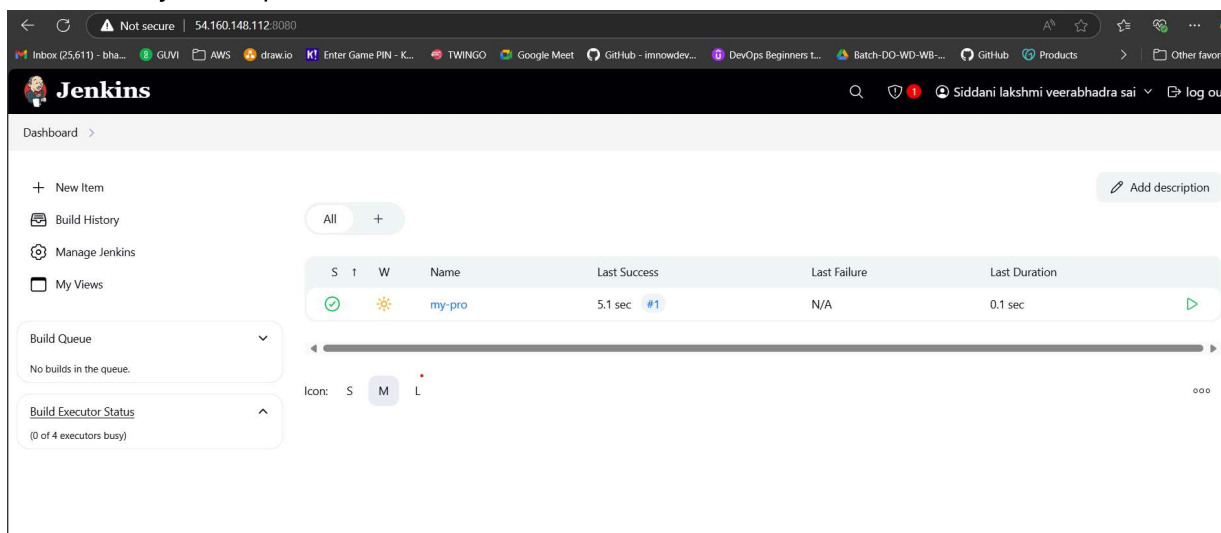
2. Browsed the public IP with 8080 PORT number and PORT was enabled in the instance as well.



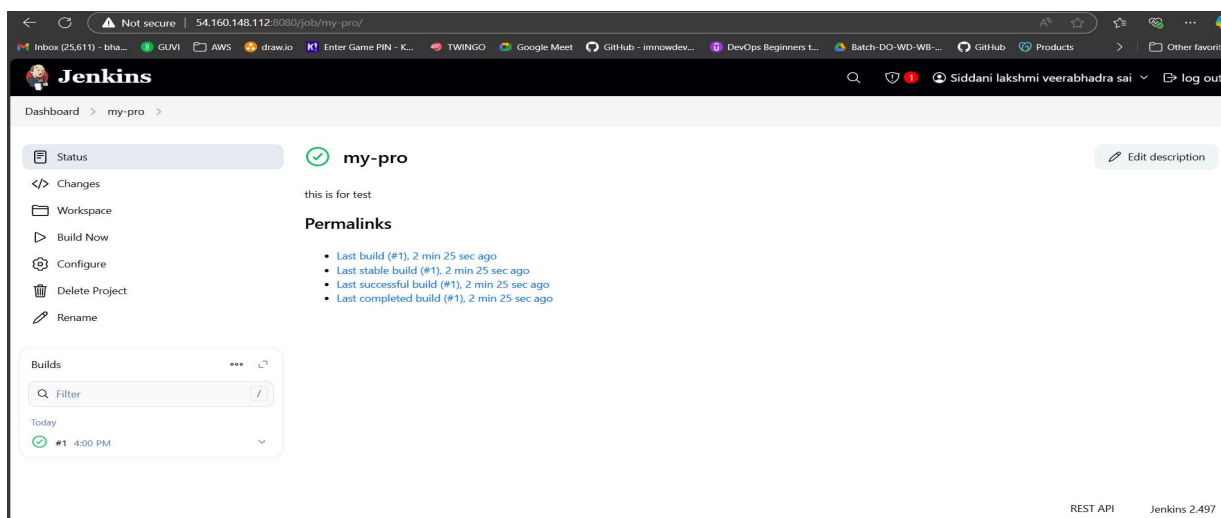
3.Installed required plugins for jenkins



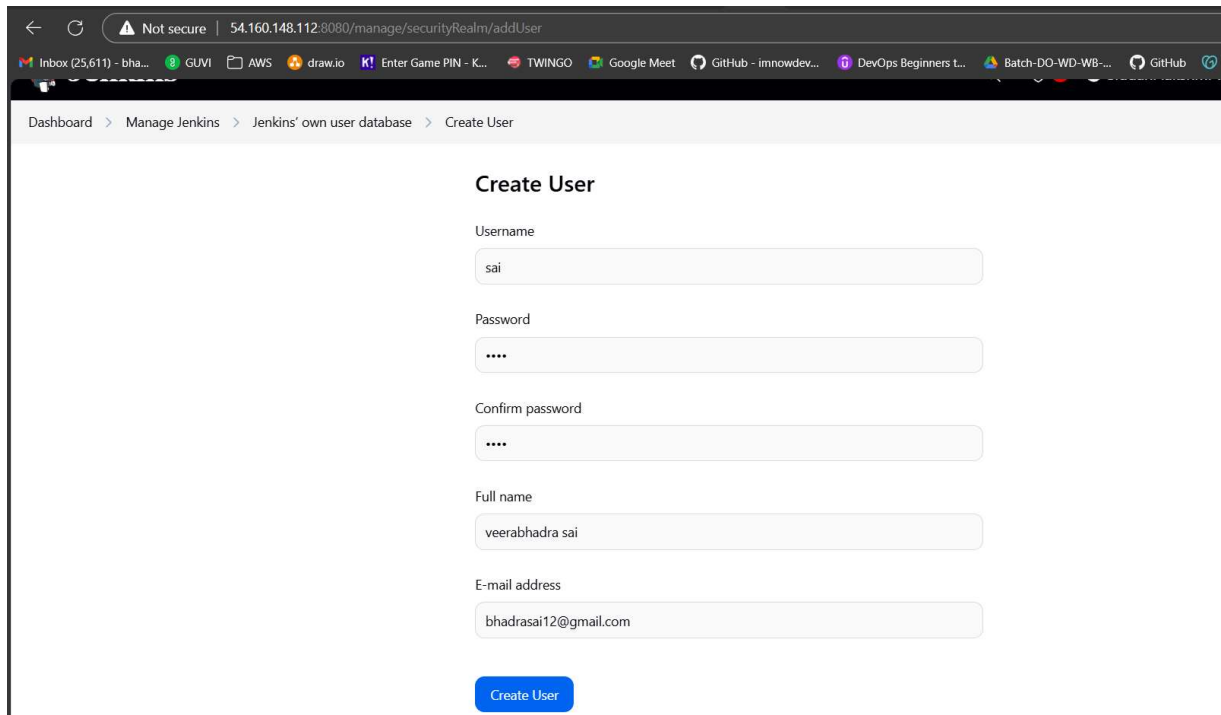
4.Created a job and performed build.



5.Here's the build status



6.Created user



The screenshot shows a web browser window with the address bar displaying "54.160.148.112:8080/manage/securityRealm/addUser". The browser's tab bar shows several open tabs, including "Inbox (25,611) - bha...", "GUVI", "AWS", "draw.io", "Enter Game PIN - K...", "TWINGO", "Google Meet", "GitHub - innnowdev...", "DevOps Beginners t...", "Batch-DO-WD-WB-...", and "GitHub". The browser's address bar also shows "Not secure".

The main content area of the browser displays the Jenkins "Create User" form. The form has a breadcrumb trail at the top: "Dashboard > Manage Jenkins > Jenkins' own user database > Create User". The form itself is titled "Create User" and contains the following fields:

- Username:** A text input field containing the value "sai".
- Password:** A password input field with masked characters "....".
- Confirm password:** A password input field with masked characters "....".
- Full name:** A text input field containing the value "veerabhadra sai".
- E-mail address:** A text input field containing the value "bhadrasai12@gmail.com".

At the bottom of the form is a blue button labeled "Create User".