

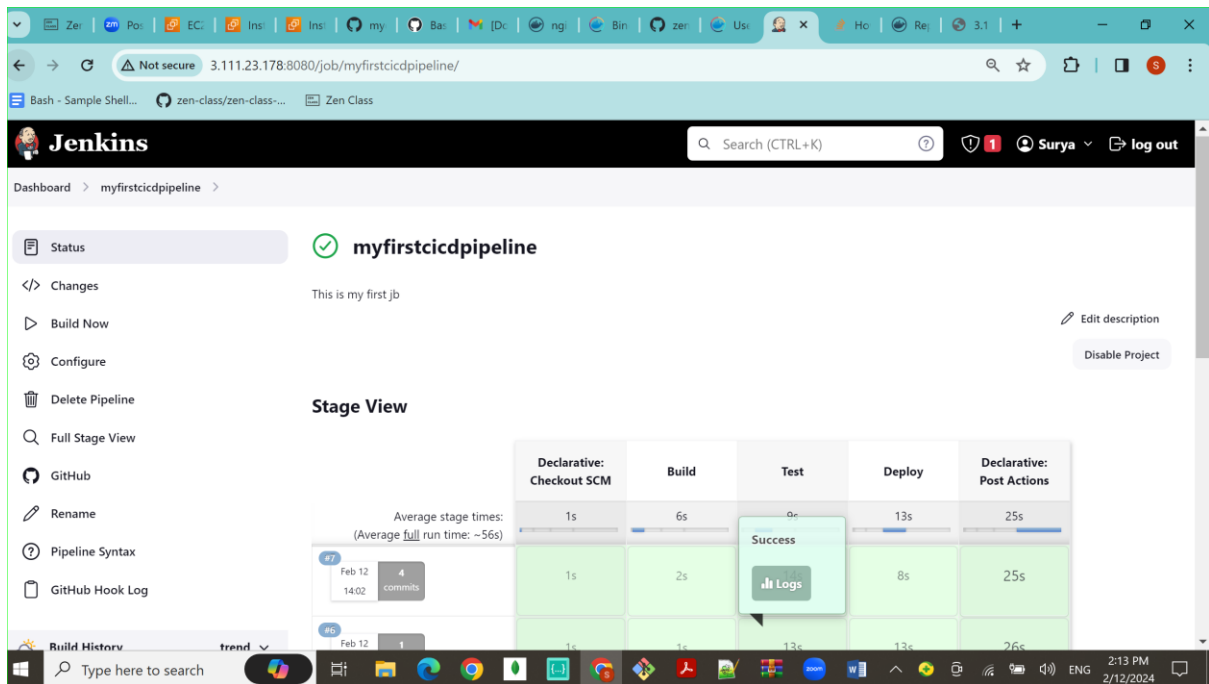
Launch jenkins and explore creating projects and users:

1. Created EC2 machine
2. Installed Jenkins as guided in Jenkins official portal
3. Commands used:
4. `# Update package lists`
5. `sudo apt-get update`
- 6.
7. `# Install Java 11`
8. `sudo apt-get install -y openjdk-11-jdk`
- 9.
10. `# Download Jenkins key and add it to system`
11. `curl -fsSL https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee /usr/share/keyrings/jenkins-keyring.asc > /dev/null`
- 12.
13. `# Add Jenkins to system package source list`
14. `sudo sh -c 'echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] https://pkg.jenkins.io/debian-stable binary/ | sudo tee /etc/apt/sources.list.d/jenkins.list > /dev/null'`
- 15.
16. `# Update package lists again to include Jenkins and install it`
17. `sudo apt-get update`
18. `sudo apt-get install -y jenkins`
- 19.
20. `# Verify Jenkins is installed and working`
21. `sudo systemctl status Jenkins`

Accessed Jenkins using the public IP address and port 8080

Created admin user as Surya and logged in as shown in the picture.

Created new item(project) using GUI: + New Item



User creation:

Go to manage Jenkins → Users → Create User add username and password etc.

User will be created as shown below:

