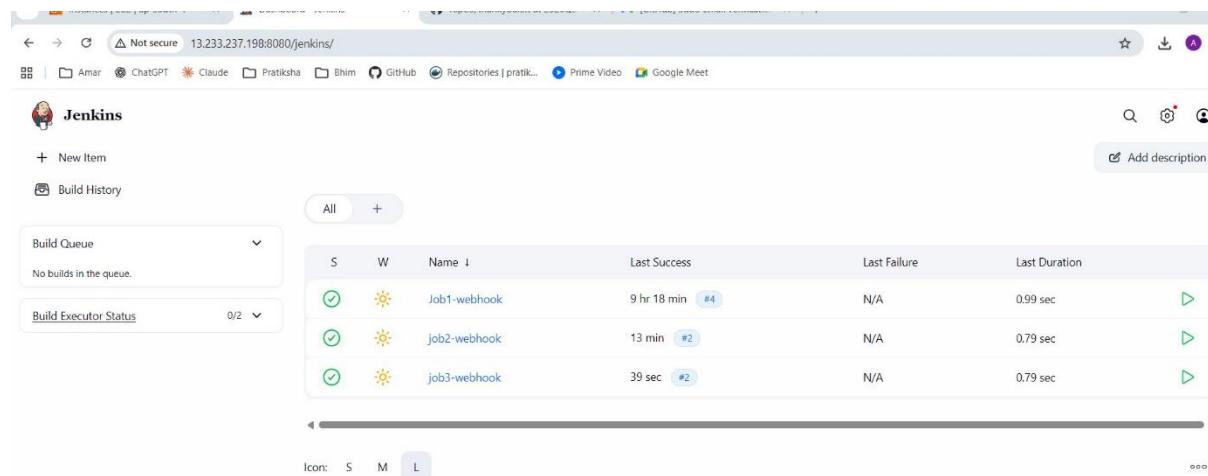


Que) Create 3 jobs and you have 3 repo with each branch having index.html file each. If you make any changes it trigger (Webhook).

Solution->

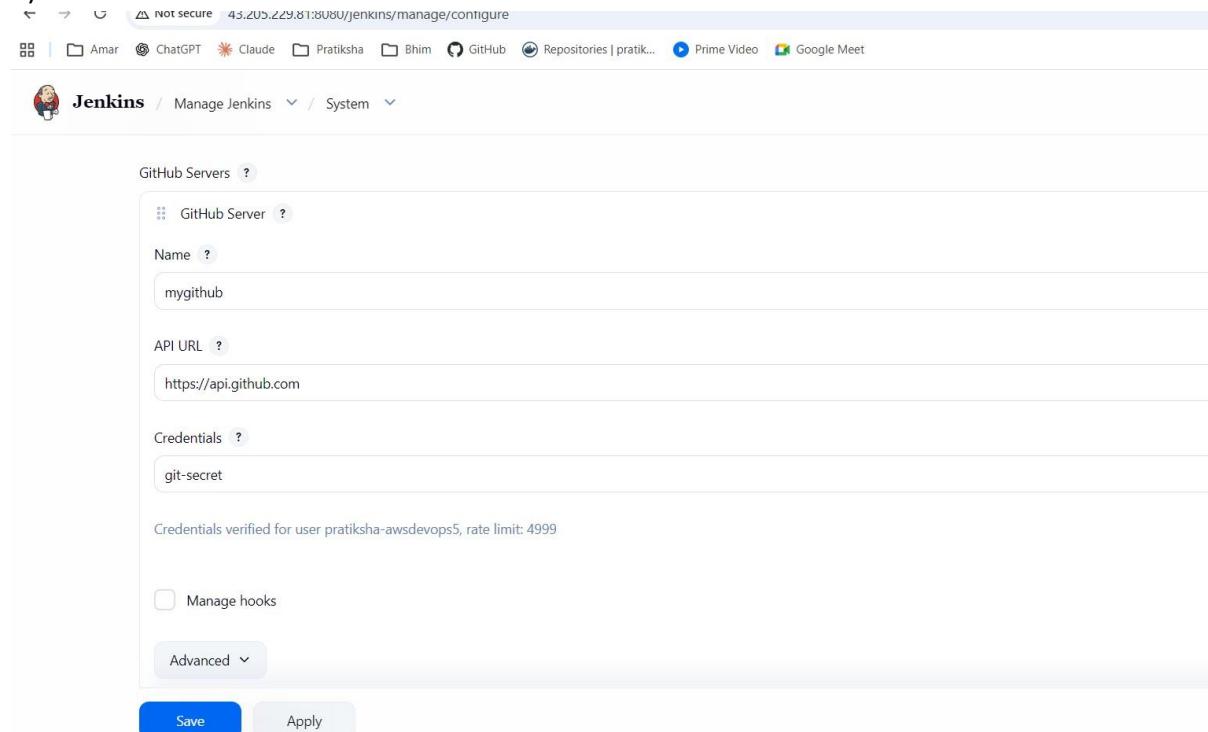
### 1) create 3 jobs



The screenshot shows the Jenkins dashboard at <http://13.233.237.198:8080/jenkins/>. The main content area displays a table of build history. The table has columns: S (Status), W (Last Result), Name (Job Name), Last Success, Last Failure, and Last Duration. There are three entries:

S	W	Name	Last Success	Last Failure	Last Duration
✓	☀️	Job1-webhook	9 hr 18 min #4	N/A	0.99 sec
✓	☀️	job2-webhook	13 min #2	N/A	0.79 sec
✓	☀️	job3-webhook	39 sec #2	N/A	0.79 sec

### 2) API URL and credentials secret text

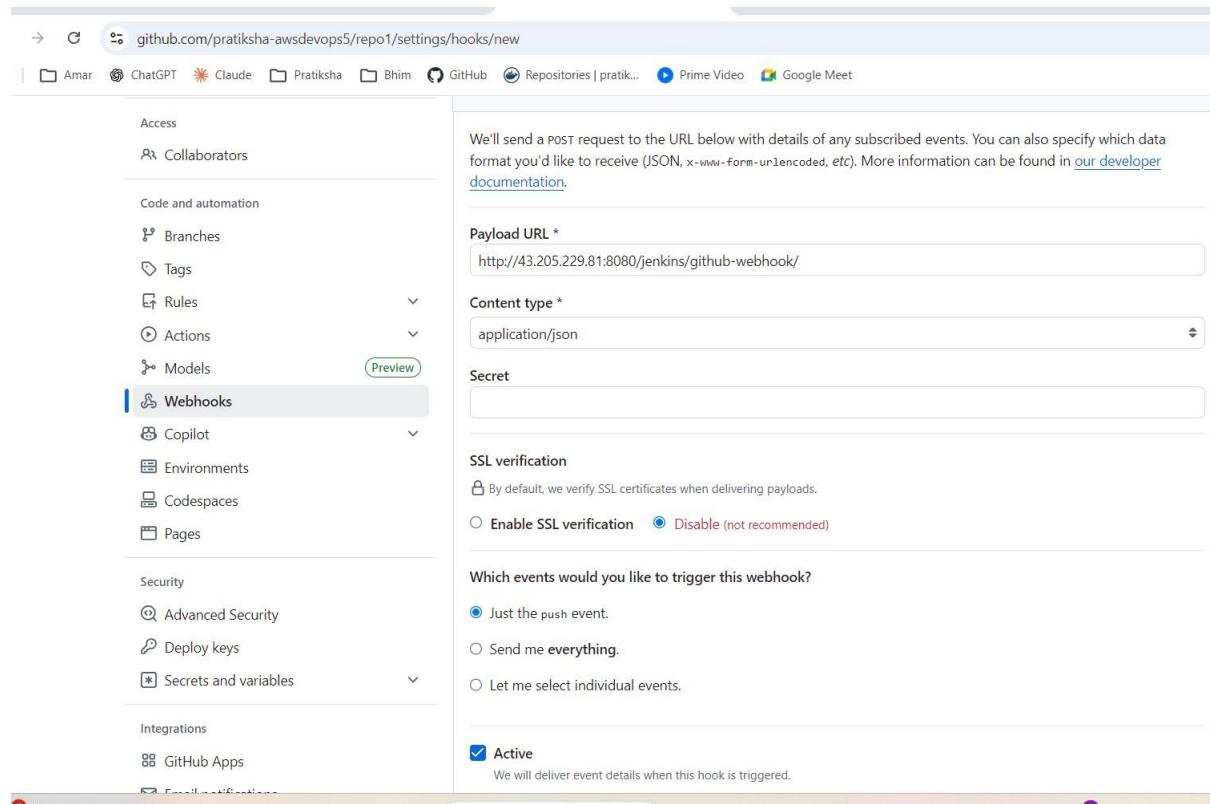


The screenshot shows the Jenkins GitHub Servers configuration page at <http://43.205.229.81:8080/jenkins/manage/configure>. The page is titled "GitHub Servers". It shows a configuration for a GitHub server named "mygithub". The fields are as follows:

- GitHub Server**: Name is "mygithub".
- API URL**: Value is "https://api.github.com".
- Credentials**: Value is "git-secret".

Below the form, a message states: "Credentials verified for user pratiksha-awsdevops5, rate limit: 4999". At the bottom, there are "Save" and "Apply" buttons.

### 3)github webhook-payload URL



The screenshot shows the GitHub settings interface for creating a new webhook. The left sidebar lists various configuration sections: Access, Collaborators, Code and automation (Branches, Tags, Rules, Actions, Models), Webhooks (selected), Copilot, Environments, Codespaces, Pages, Security (Advanced Security, Deploy keys, Secrets and variables), and Integrations (GitHub Apps). The main right panel provides instructions for sending POST requests to the specified URL with event details. It includes fields for 'Payload URL' (set to http://43.205.229.81:8080/jenkins/github-webhook/), 'Content type' (application/json), and a 'Secret' field. Under 'SSL verification', the 'Enable SSL verification' option is selected. The 'Which events would you like to trigger this webhook?' section has the 'Just the push event.' radio button selected. Finally, the 'Active' checkbox is checked, indicating the hook is enabled.

We'll send a **POST** request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, x-www-form-urlencoded, etc). More information can be found in [our developer documentation](#).

**Payload URL \***  
http://43.205.229.81:8080/jenkins/github-webhook/

**Content type \***  
application/json

**Secret**

**SSL verification**  
By default, we verify SSL certificates when delivering payloads.

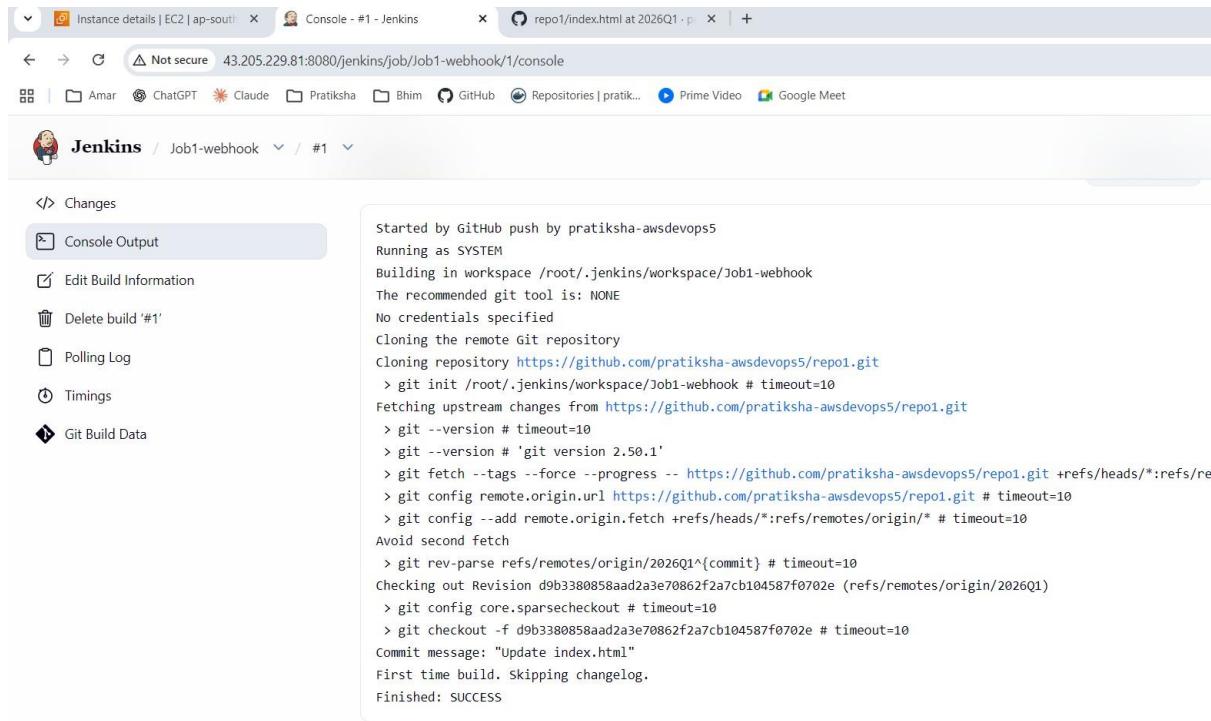
**Enable SSL verification**  **Disable** (not recommended)

**Which events would you like to trigger this webhook?**

Just the push event.  
 Send me everything.  
 Let me select individual events.

**Active**  
We will deliver event details when this hook is triggered.

#### 4) Job-1 console output



The screenshot shows a browser window with the Jenkins interface. The URL is 43.205.229.81:8080/jenkins/job/Job1-webhook/1/console. The Jenkins logo is at the top left. The main content area shows the build log for job #1:

```
Started by GitHub push by pratiksha-awsdevops5
Running as SYSTEM
Building in workspace /root/.jenkins/workspace/Job1-webhook
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/pratiksha-awsdevops5/repo1.git
> git init /root/.jenkins/workspace/Job1-webhook # timeout=10
Fetching upstream changes from https://github.com/pratiksha-awsdevops5/repo1.git
> git --version # timeout=10
> git --version # 'git version 2.50.1'
> git fetch --tags --force --progress -- https://github.com/pratiksha-awsdevops5/repo1.git +refs/heads/*:refs/re
> git config remote.origin.url https://github.com/pratiksha-awsdevops5/repo1.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/2026Q1^{commit} # timeout=10
Checking out Revision d9b3380858aad2a3e70862f2a7cb104587f0702e (refs/remotes/origin/2026Q1)
> git config core.sparsecheckout # timeout=10
> git checkout -f d9b3380858aad2a3e70862f2a7cb104587f0702e # timeout=10
Commit message: "Update index.html"
First time build. Skipping changelog.
Finished: SUCCESS
```

## 5) job 2 trigger after changes done in index.html in repo2

The screenshot shows a web browser window with the following details:

- Address Bar:** Not secure 13.233.237.198:8080/jenkins/job/job2-webhook/changes
- Tab Bar:** Instances | EC2 | ap-south-1, job2-webhook Changes - Jenkins, repo2/index.html at 2026Q2 · p, [GitHub] Sudo email
- Toolbar:** Back, Forward, Stop, Refresh, Home, Address Bar, Search Bar, Not secure, IP Address, Help.
- Page Content:**
  - Header:** Jenkins / job2-webhook / Changes
  - Left Sidebar:** Status, Changes (selected), Workspace, Build Now, Configure, Delete Project, GitHub Hook Log, Rename.
  - Center Content:** **Changes** #2 (Feb 6, 2026, 8:10:38 PM)
    - 1. Update index.html — noreply / githubweb
  - Build History:** Builds > Filter: Today
    - #2 8:10 PM
    - #1 8:09 PM

## 6) job-3 trigger automatically after changes happen in index file in repo3

The screenshot shows a browser window with several tabs open. The active tab is 'job3-webhook Changes - Jenkins'. The URL is '13.233.237.198:8080/jenkins/job/job3-webhook/changes'. The page displays a 'Changes' section for build #2, dated Feb 6, 2026, at 8:23:28 PM. The change log shows a single entry: '1. Update thankyou.txt — noreply / githubweb'. Below the changes, there are several Jenkins management options: Status, Workspace, Build Now, Configure, Delete Project, GitHub Hook Log, and Rename. At the bottom, a 'Builds >' section shows two builds: '#2 8:23 PM' and '#1 8:22 PM', both of which are checked.

