Jenkins instalation

✅ **Steps You've Already Done:**

Step	Description	Status
1 ☐	Installed Java (OpenJDK 17)	✅ Done
2 ☐	Installed Jenkins	✅ Done
3 ☐	Started Jenkins and accessed web UI	✅ Done
4 ☐	Installed `git`, `python3`, `pip`, `venv`	✅ Done
5 ☐	Installed Flask in virtual environment	✅ Done
6 ☐	Fixed `python3.12-venv` error	✅ Done
7 ☐	Created and activated virtual environment	✅ Done
8 ☐	Installed Jenkins plugins (Git, Pipeline etc)	✅ Done or in progress
9 ☐	Wrote Jenkinsfile & committed to GitHub	✅ Done
10	Jenkins pipeline fetched repo & executed	✅ Run success (some errors earlier but fixed)

☐ **What You Need to Do Now (Final Steps):**

Task	Description
✅ [Optional]	**Double check Jenkins plugins**: Make sure `Git Plugin`, `Pipeline`, `GitHub`, and `Blue Ocean` are installed.
✅ [Optional]	**Update EC2 Security Group**: Ensure port `5000` (Flask), and `8080` (Jenkins) are open to your IP or `0.0.0.0/0`.
☐	**Trigger a fresh Jenkins build** and check: ✅ `Build successful` at the bottom of the console log.
🔍	**Open your browser** → `http://<EC2_PUBLIC_IP>:5000` to confirm Flask app is running.