

Automating Deployment in Coolify

Here are the **step-by-step** instructions for enabling automated deployment in an **Coolify** project.

Production environment → triggered by main branch

Staging environment → triggered by Stage branch

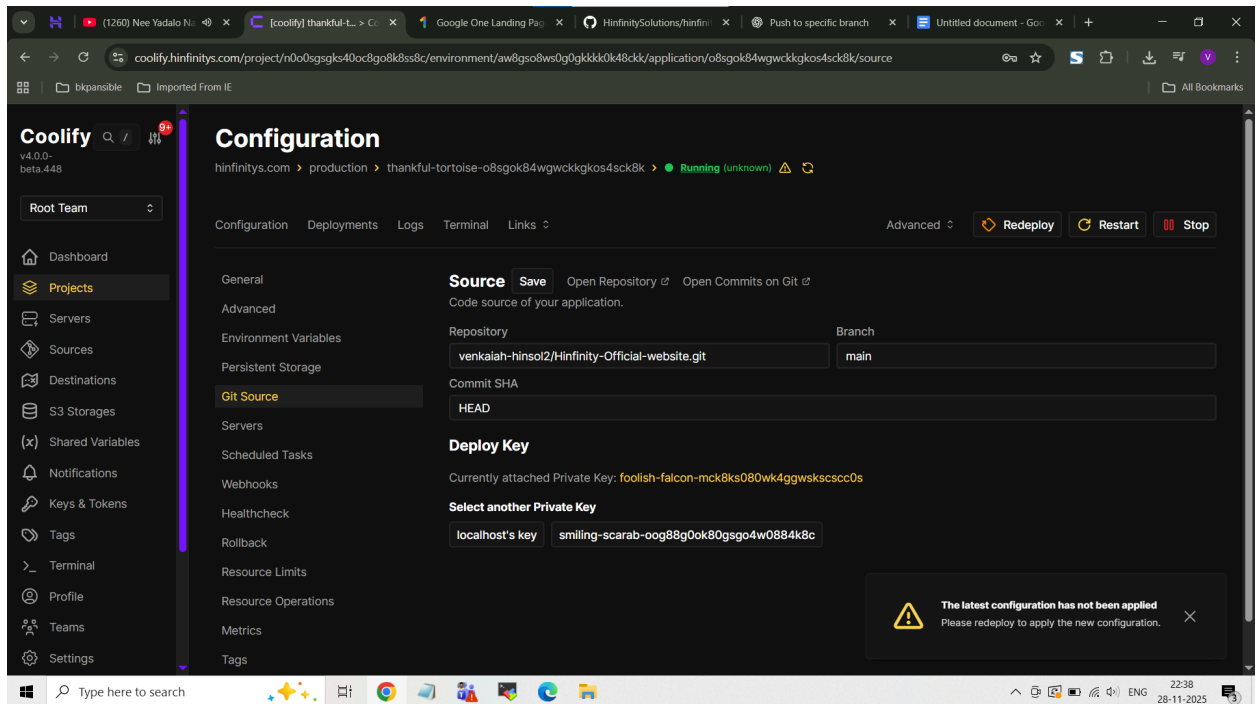
Webhook-Based Auto Deployment in Coolify for an Existing Project (Two Environments)

Step 1: Open Your Existing Project in Coolify

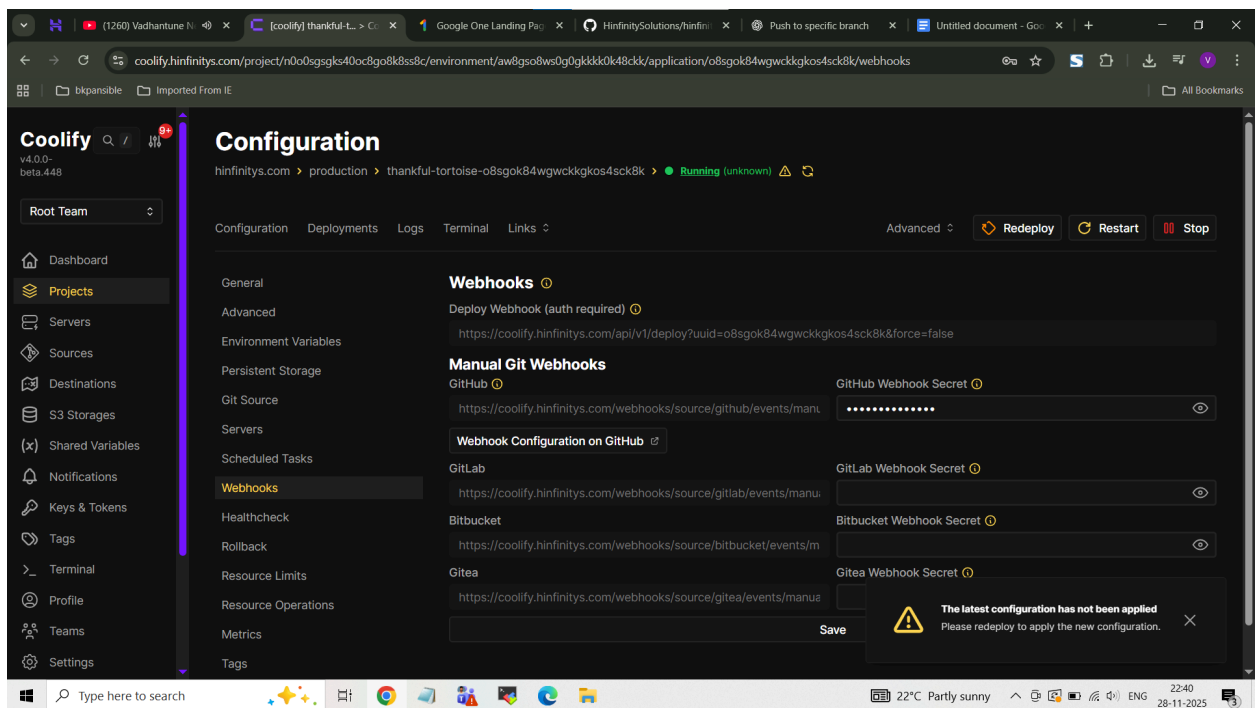
1. Log in to Coolify.
2. Go to **Projects**.
Select your **existing project** (the one already running both environments).
You will see **two services** inside it:
 1. Production service
 2. Staging service

Step 2: Configure Webhook for the Production Environment (main Branch)

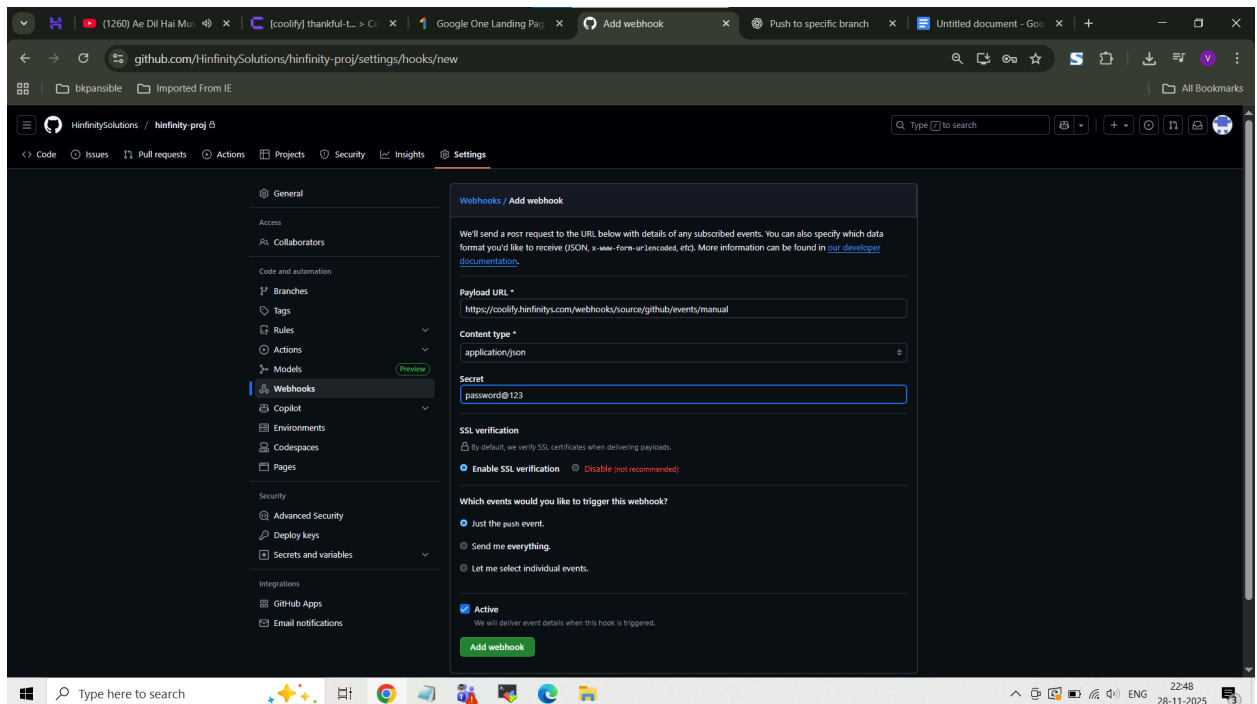
1. Click the **Production** Environment Click on Application.
2. Then Click on configuration.
3. Make Sure Branch is specified correct by clicking on **Git Source**




4. Click on Webhooks
5. Copy the **Webhook URL for production** (unique Coolify link) and give the password



6. Don't forget to Click Save
7. Open your GitHub, go to your repo Settings , **there you can see Webhooks**, click on it.
8. Click **Add Webhook**.
9. Paste the **Production Webhook URL**.
Set trigger to **Push events only**.
10. Give the pwd same as that is given in , and also give content as application/json.



11. 
12. Save the webhook.

Step 3: Configure Webhook for the Staging Environment (stage Branch)

1. Go back to Coolify → open the **Staging** service.
2. Go to **application** and then click on **confign**.
3. Make sure the branch specified is staging by clicking on git source.
4. Click on webhooks in coolify and there you can see same url as in production, give the same pwd as in production webhook.
5. Save the webhook.

Note: No need to configure webhook again in github for this env, since the url is the same. Github will automatically triggers environment based on branch we selected for each environment(**Git Source**).

Step 4: Verify Both Webhooks in Your Repo

1. You should now see **two webhooks** in the repository:
 - One for **Production** → **main**
 - One for **Staging** → **stage**
2. Confirm both are **Active**.

Step 5: Test Production Deployment (main Branch)

1. Make a small change in your code.
2. Commit and push to **main**.
3. Coolify should automatically start **production deployment**.
4. Check **Deployment Logs** in the production service.

Step 6: Test Staging Deployment (stage Branch)

1. Make another small change.
2. Commit and push to **stage**.
3. Coolify should start **staging deployment**.
4. Confirm using logs in the staging service.

Step 7: Validate the Two Environments

1. Open the **Production URL** verify the update, by clicking on Domain(<https://hinfinitys.com>) .
2. Open the **Staging URL** verify the update, by clicking on Domain(<https://stage.hinfinitys.com>).