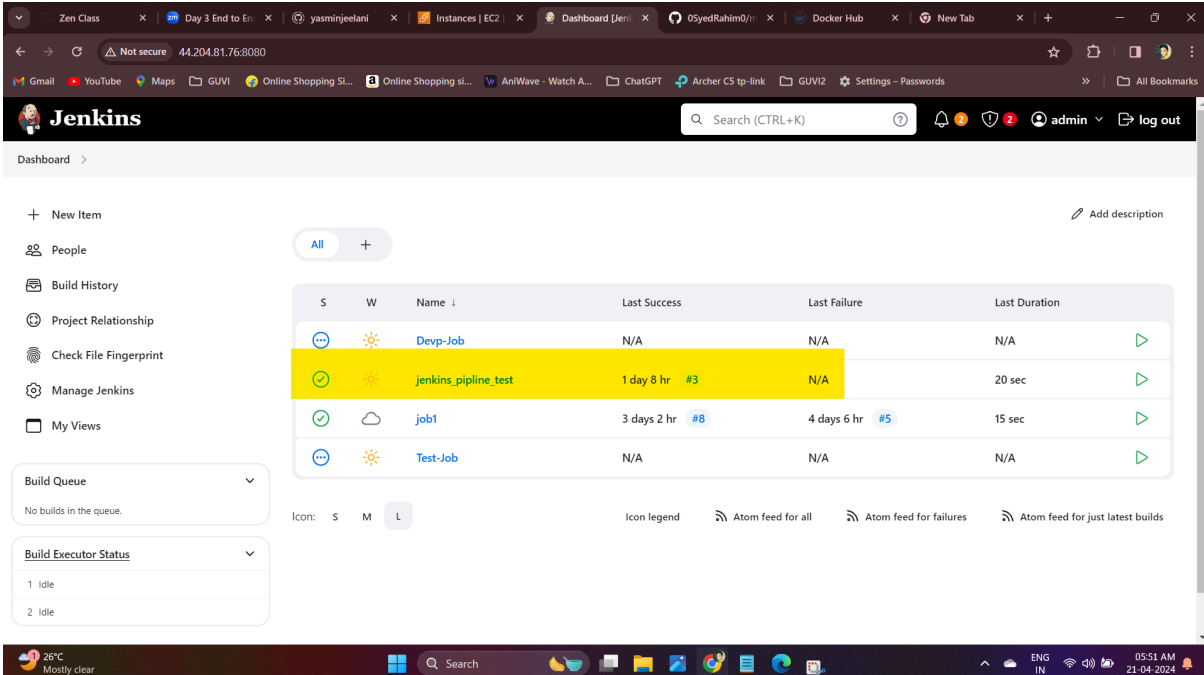


Create a simple project with Jenkins connected to your GitHub repository. When a commit is made to your repo, automatically build must get triggered from Jenkins and the output must be shared via email.

GitHub link: <https://github.com/0SyedRahim0/my-to-do-cicd.git>

1. Created Project



The screenshot shows the Jenkins Dashboard interface. The top navigation bar includes the Jenkins logo, a search bar, and user information (admin). The left sidebar contains links to various Jenkins features: New Item, People, Build History, Project Relationship, Check File Fingerprint, Manage Jenkins, and My Views. The main content area displays a table of jobs with columns for S (Status), W (Webhook), Name, Last Success, Last Failure, and Last Duration. The jobs listed are Devp-Job, jenkins_pipeline_test (highlighted in yellow), job1, and Test-Job. The jenkins_pipeline_test job shows a successful build 1 day 8 hr ago (#3) with a duration of 20 sec. Below the table, there are sections for Build Queue (No builds in the queue) and Build Executor Status (1 idle, 2 idle). The bottom of the screen shows a Windows taskbar with the date and time (05:51 AM, 21-04-2024).

S	W	Name	Last Success	Last Failure	Last Duration
...	☀	Devp-Job	N/A	N/A	N/A
✓	☀	jenkins_pipeline_test	1 day 8 hr #3	N/A	20 sec
✓	☁	job1	3 days 2 hr #8	4 days 6 hr #5	15 sec
...	☀	Test-Job	N/A	N/A	N/A

2. When a commit is made to your repo, automatically build must get triggered from Jenkins

The screenshot shows the Jenkins web interface for a pipeline named 'jenkins_pipeline_test'. The pipeline is in a 'Success' state, indicated by a green checkmark. The description is 'Using pipeline to test Jenkins docker integration'. The 'Stage View' table shows the following stages and their durations:

Stage	Declarative: Checkout SCM	Build	Test	Deploy	Declarative: Post Actions
Average stage times: (Average full run time: ~27s)	679ms	8s	3s	4s	3s
#3 Apr 19 21:17 commit	713ms	1s	3s	4s	3s
#2 Apr 18 03:28 commit	656ms	1s	2s	1s	4s
#1 Apr 17 21:46 No Changes	668ms	22s	3s	6s	3s failed

The 'Build History' section on the left shows a list of builds with their status and timestamps. The 'Permalinks' section at the bottom indicates the last build was successful and provides a link to view it.

3. Output must be shared via email

The screenshot shows an email notification from Jenkins. The subject is 'Notification mail from Jenkins'. The email is addressed to 'address not configured yet <syedabdulrahim797@gmail.com>' and is dated '19 Apr 2024, 21:17 (2 days ago)'. The body of the email states: 'CI/CD pipeline completed successfully. Check the application'. At the bottom, there are buttons for 'Reply', 'Forward', and a smiley face icon.