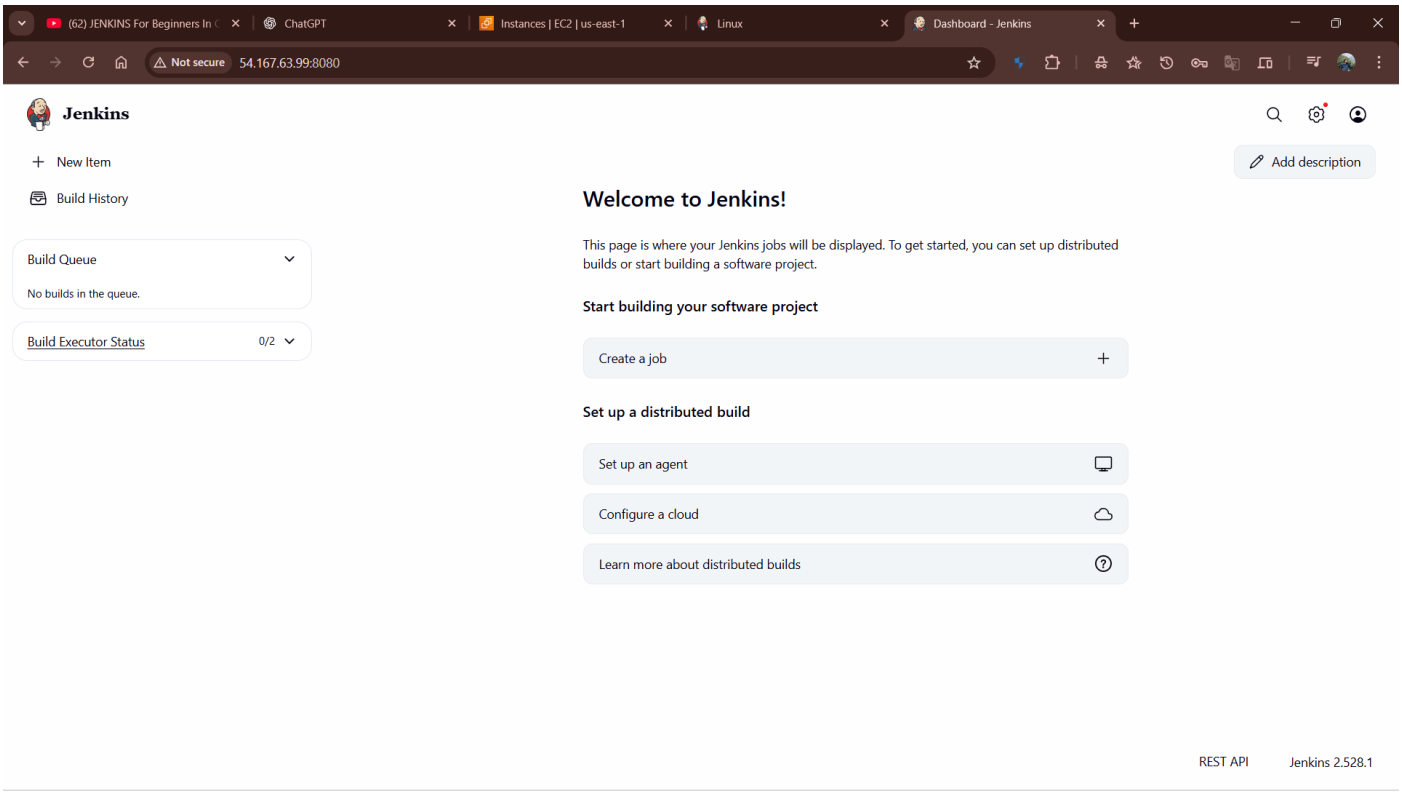
📧 Step-by-Step: Configure Email Notifications in Jenkins

🧩 Step 1: Install Email Extension Plugin

1. Go to **Jenkins Dashboard → Manage Jenkins → Plugins → Available Plugins**
2. Search for:
    - ✅ **Email Extension Plugin**
3. Click **Install without restart**

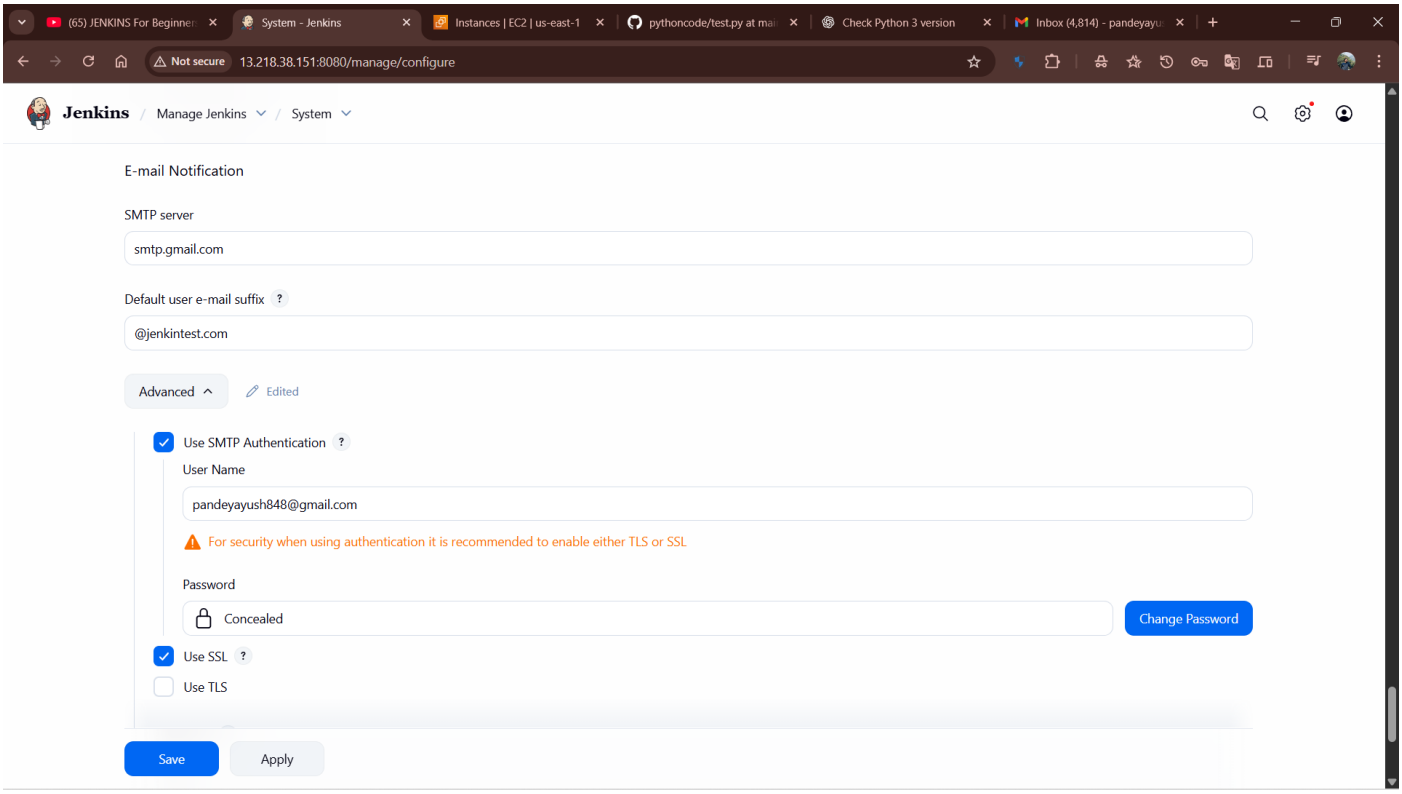


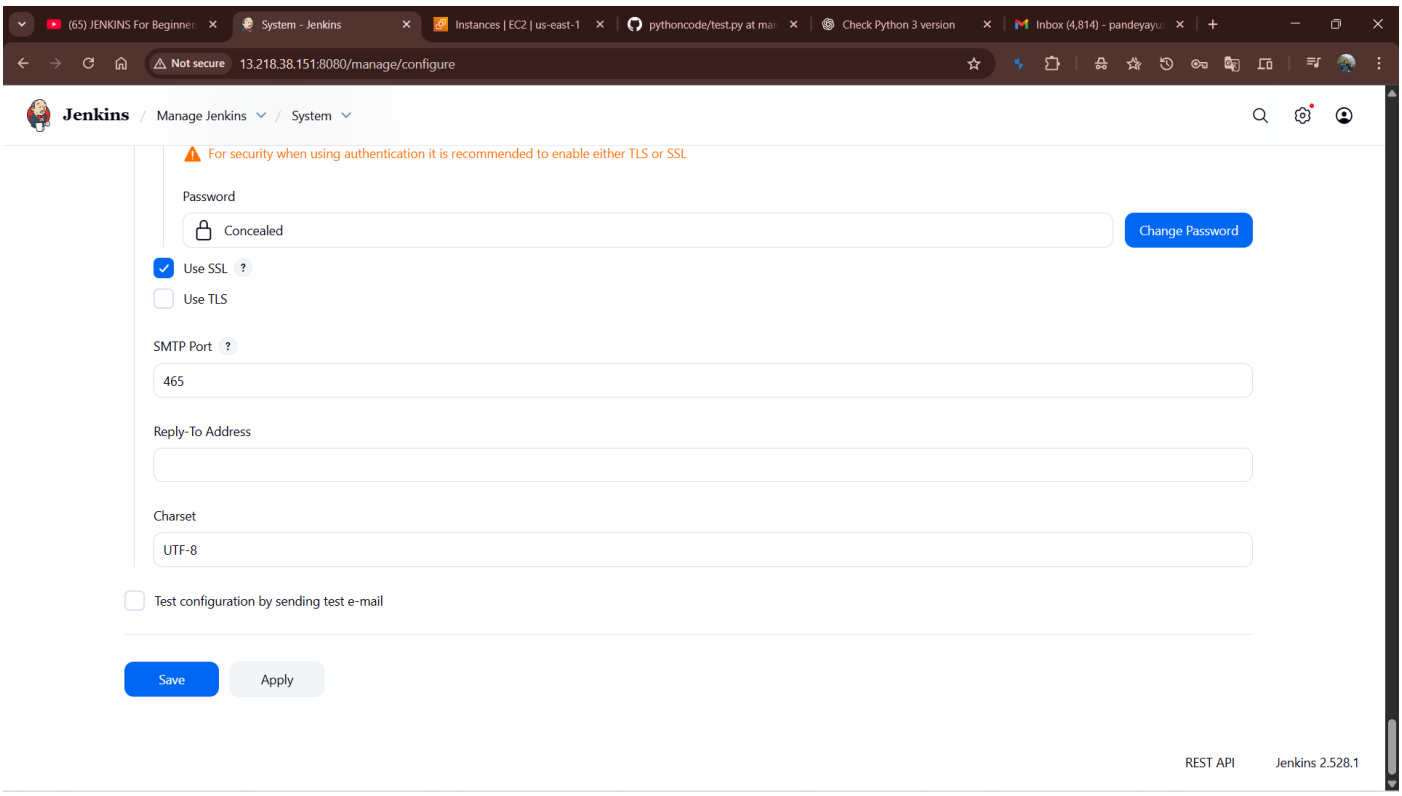
🧩 Step 2: Configure System Email

1. Go to **Manage Jenkins → System Configuration → Configure System**
2. Scroll down to the **E-mail Notification** section.
3. Fill in the following fields:

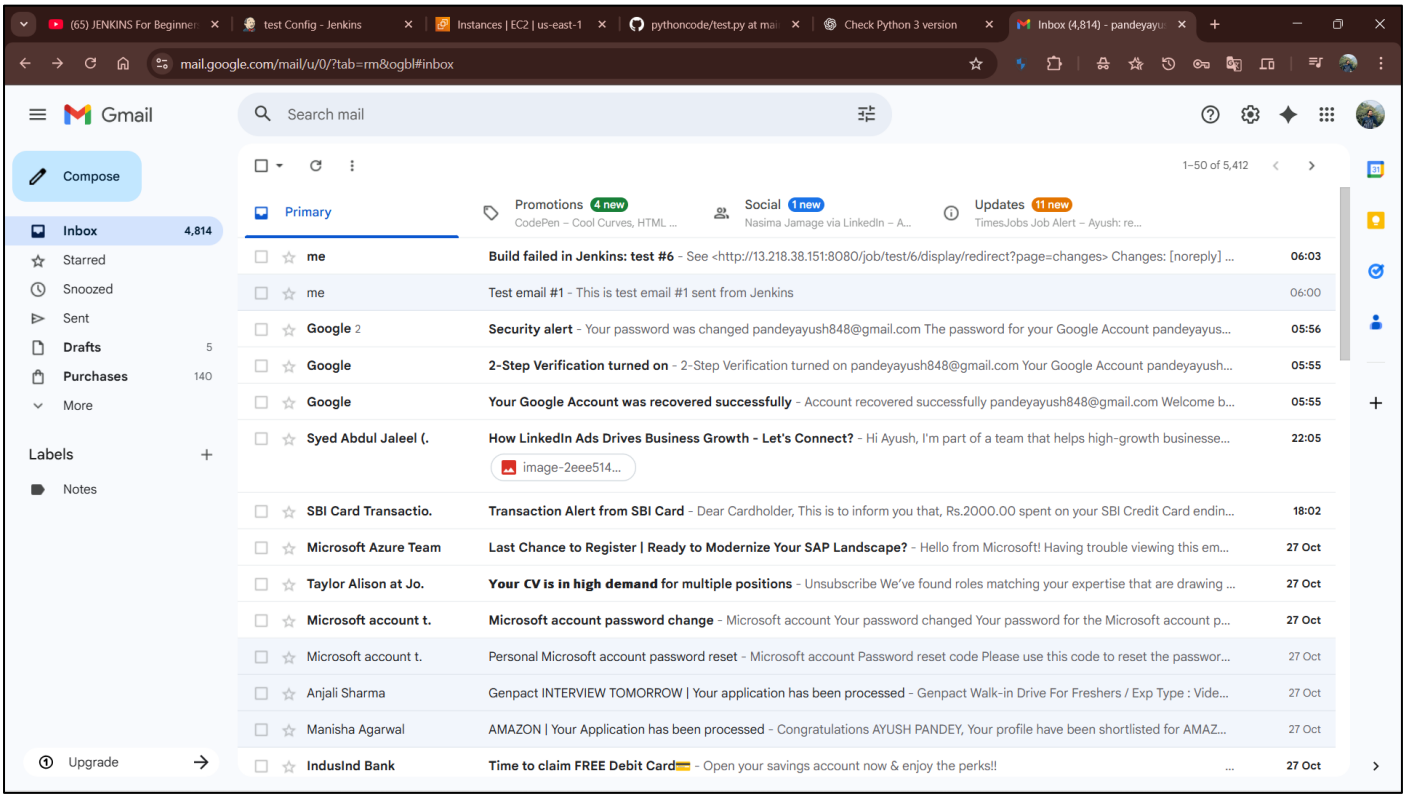
Field	Example Value
SMTP server	smtp.gmail.com (for Gmail)
Use SMTP Authentication	✅ Checked
User Name	your Gmail address (e.g., ayush@gmail.com)
Password	App Password (not your Gmail password — see below)

Field	Example Value
Use SSL	✅ Checked
SMTP Port	465
Reply-To Address	your email
Charset	UTF-8





4. Click **“Test configuration by sending test e-mail”** to verify.



⚙️ Gmail App Password Setup (if using Gmail)

If you are using Gmail:

1. Go to **https://myaccount.google.com/**
2. Enable **2-Step Verification**
3. Go to **Security → App Passwords**
4. Generate an **App Password** for “Mail → Other (Custom name: Jenkins)”
5. Use that password in Jenkins instead of your normal password.

🧩 Step 3: Configure “Extended E-mail Notification” (for advanced control)

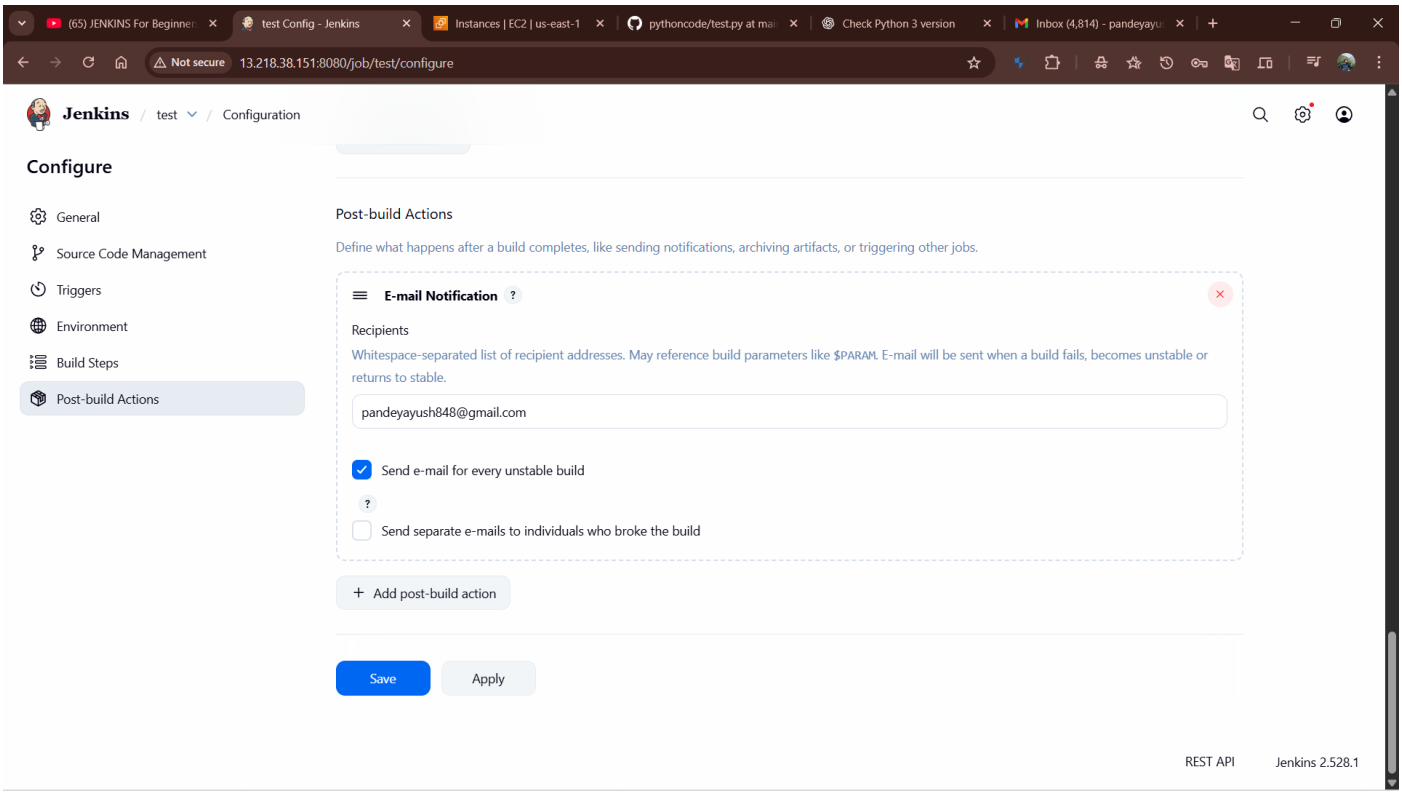
Scroll down to the section:

Extended E-mail Notification

Field	Example
SMTP Server	smtp.gmail.com
Default User E-mail Suffix	@gmail.com
Default Content Type	text/html

🧩 Step 4: Add Email Notification to a Job

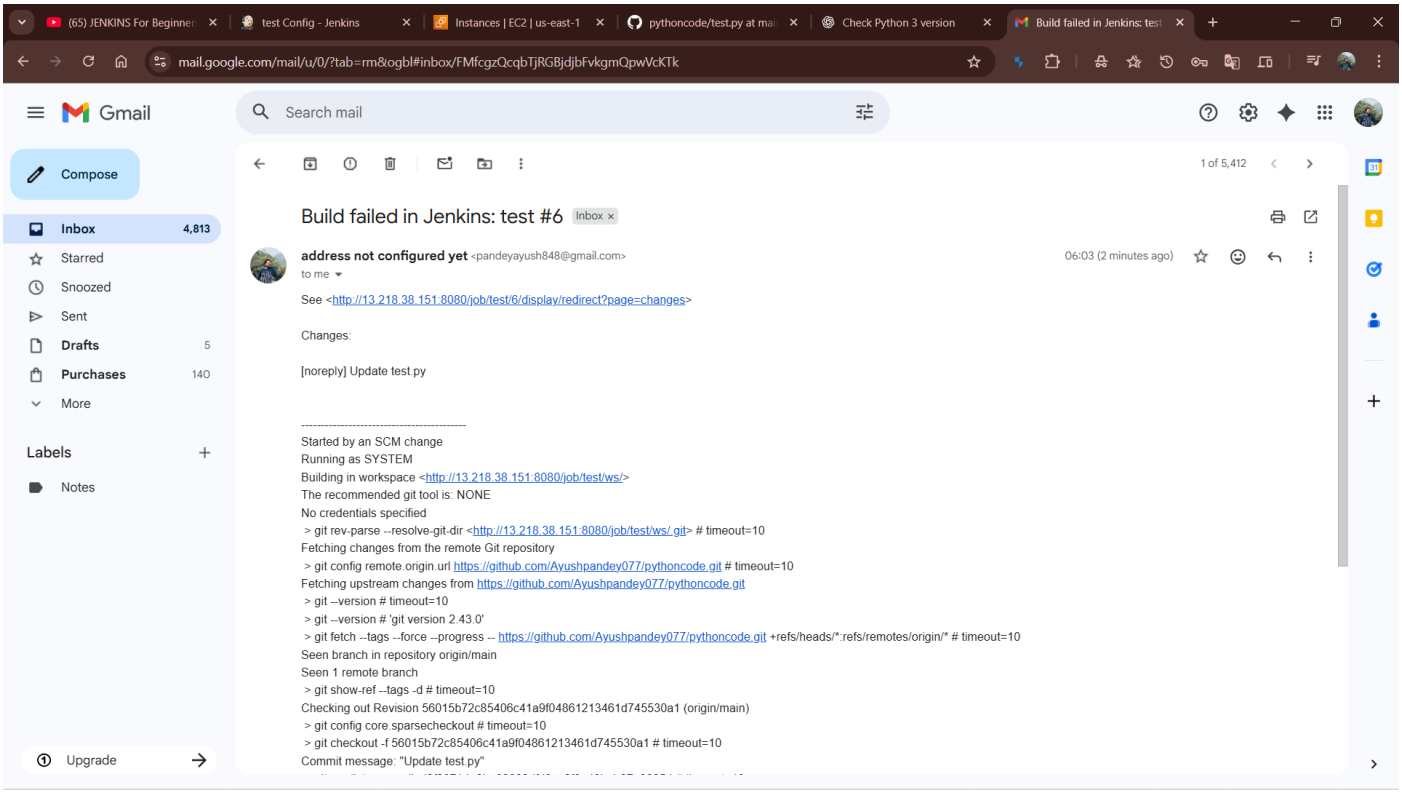
1. Open your Jenkins job → **Configure**
2. Scroll to **Post-build Actions**
3. Click **“Add post-build action” → “E-mail Notification”**
    - Enter recipient email (e.g., pandeyayush848@gmail.com)

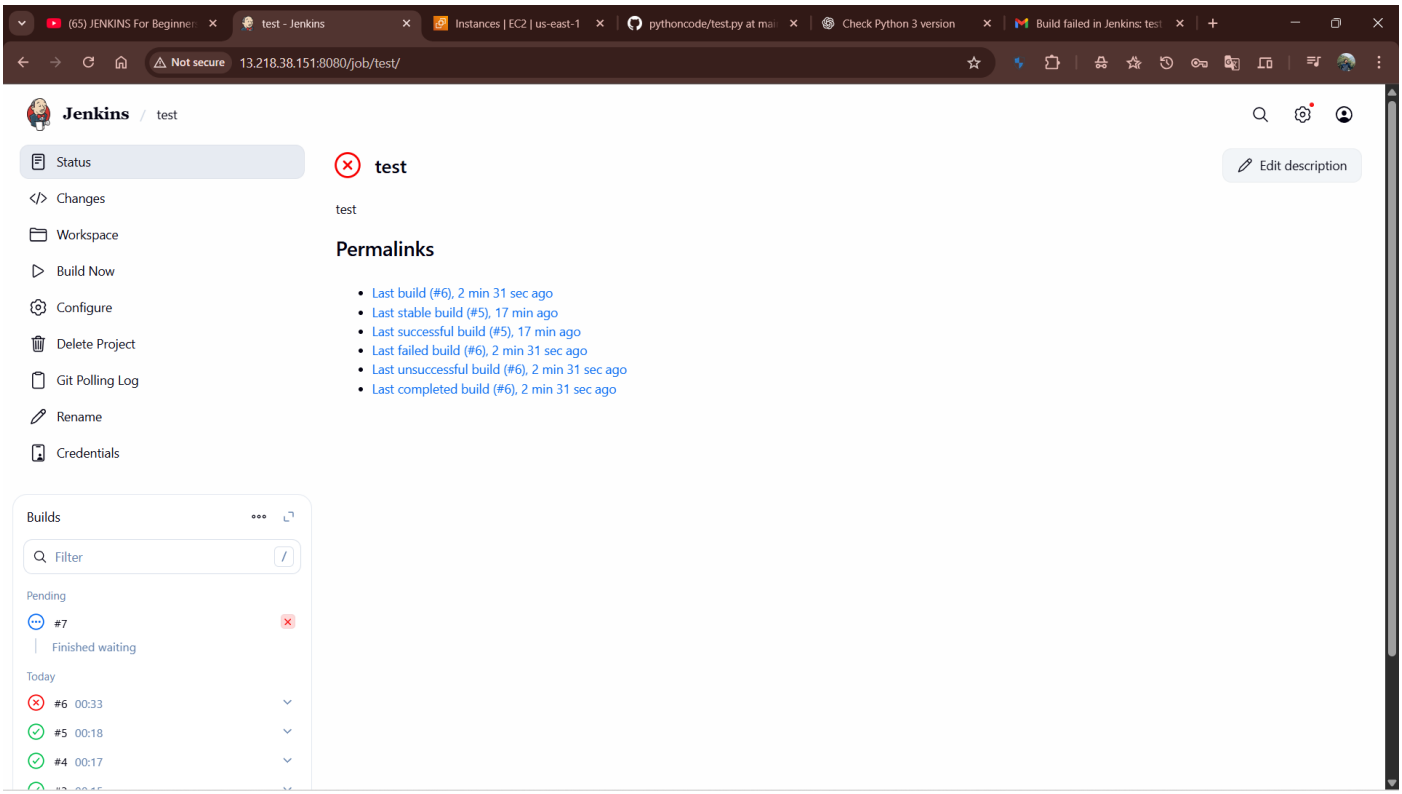


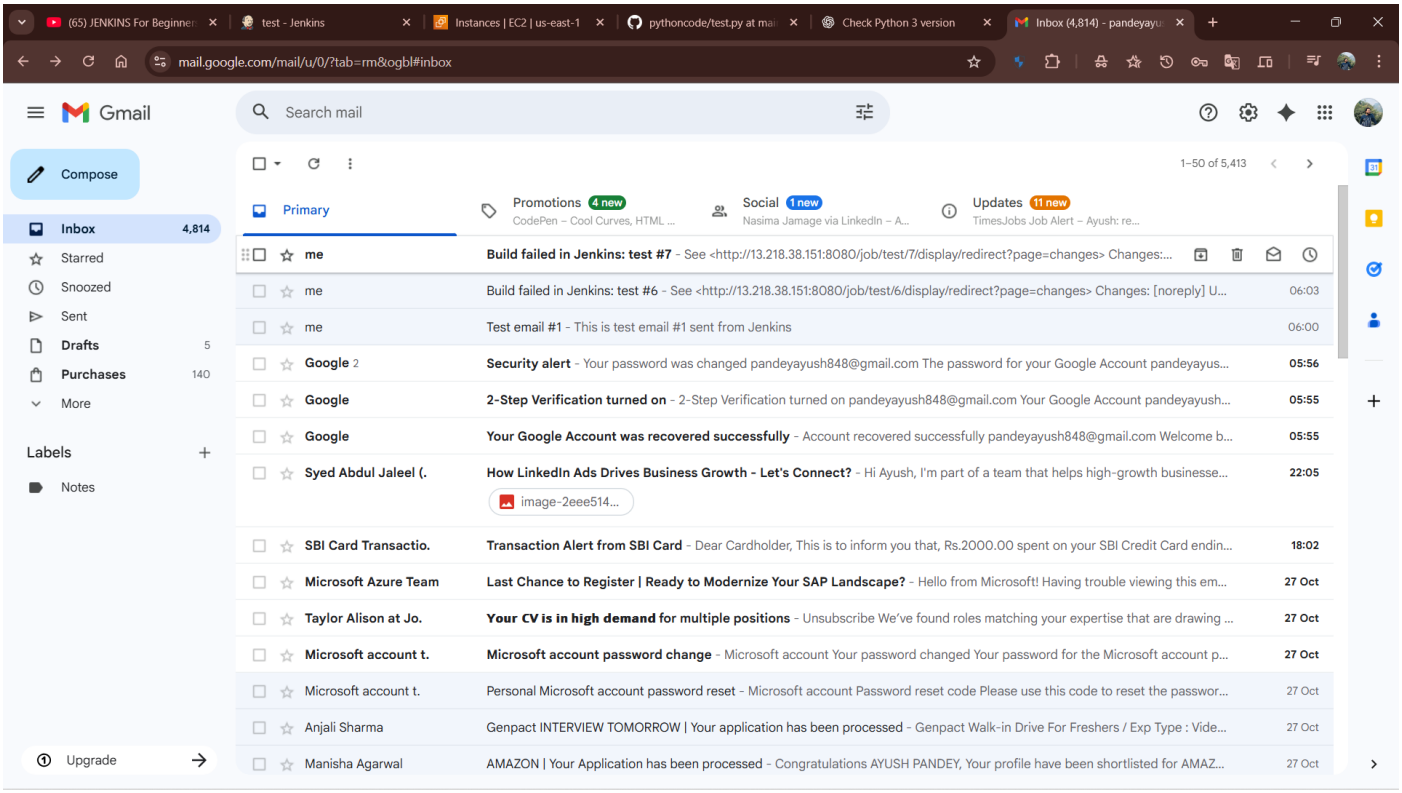
🧩 Step 5: Save & Test

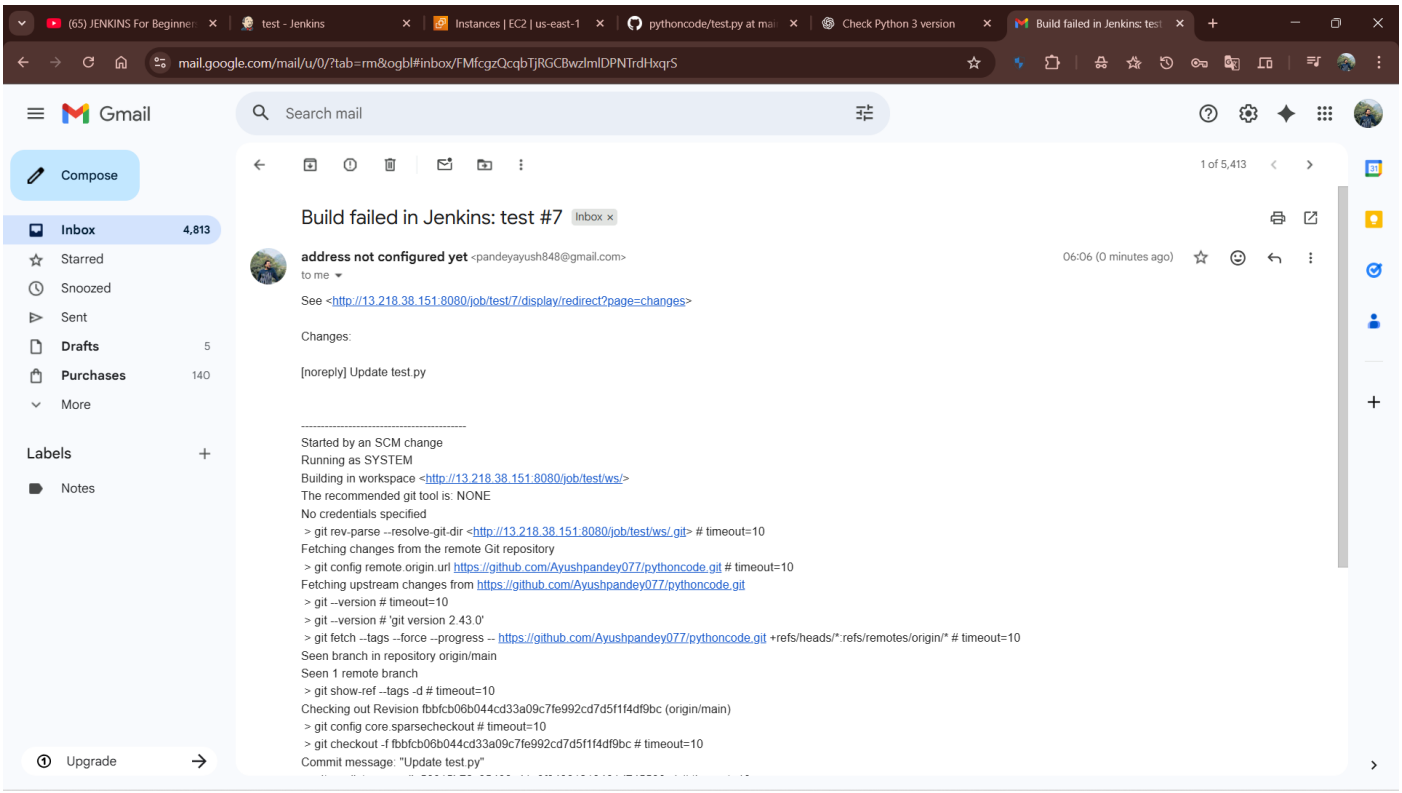
- Click **Save**
- Run a build
- If it **fails or succeeds**, Jenkins will automatically send an email as per configuration.

Fail / Pass Results: -

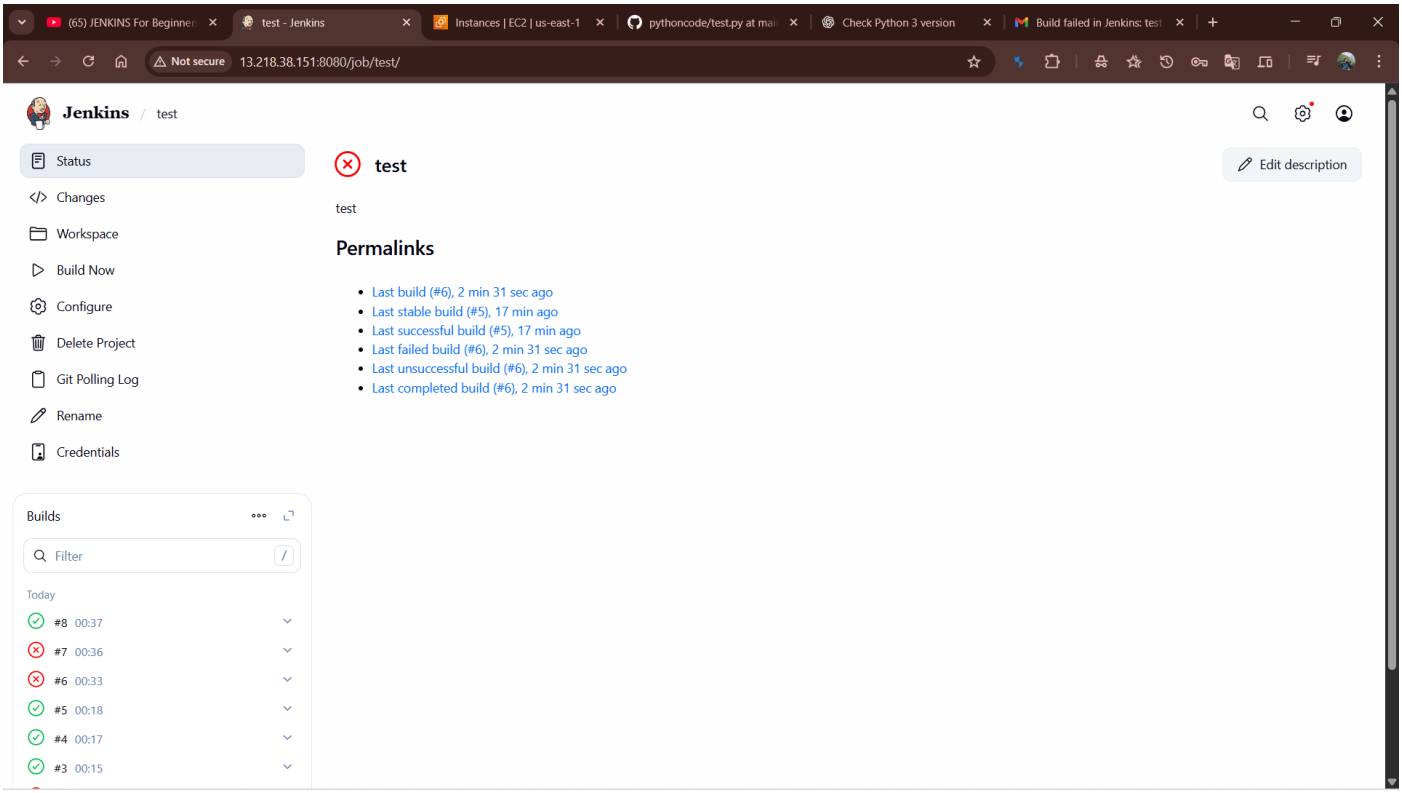

Gmail
Search mail
Compose
Inbox 4,813
Starred
Snoozed
Sent
Drafts 5
Purchases 140
More
Labels
Notes
Upgrade
Build failed in Jenkins: test #6
address not configured yet <pandeyayush848@gmail.com>
to me
06:03 (2 minutes ago)
See <http://13.218.38.151:8080/job/test/6/display/redirect?page=changes>
Changes:
[noreply] Update test.py
Started by an SCM change
Running as SYSTEM
Building in workspace <http://13.218.38.151:8080/job/test/ws/>
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir <http://13.218.38.151:8080/job/test/ws/.git> # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Ayushpandey077/pythoncode.git # timeout=10
Fetching upstream changes from https://github.com/Ayushpandey077/pythoncode.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/Ayushpandey077/pythoncode.git +refs/heads/*:refs/remotes/origin/* # timeout=10
Seen branch in repository origin/main
Seen 1 remote branch
> git show-ref --tags -d # timeout=10
Checking out Revision 56015b72c85406c41a9f04861213461d745530a1 (origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 56015b72c85406c41a9f04861213461d745530a1 # timeout=10
Commit message: "Update test.py"

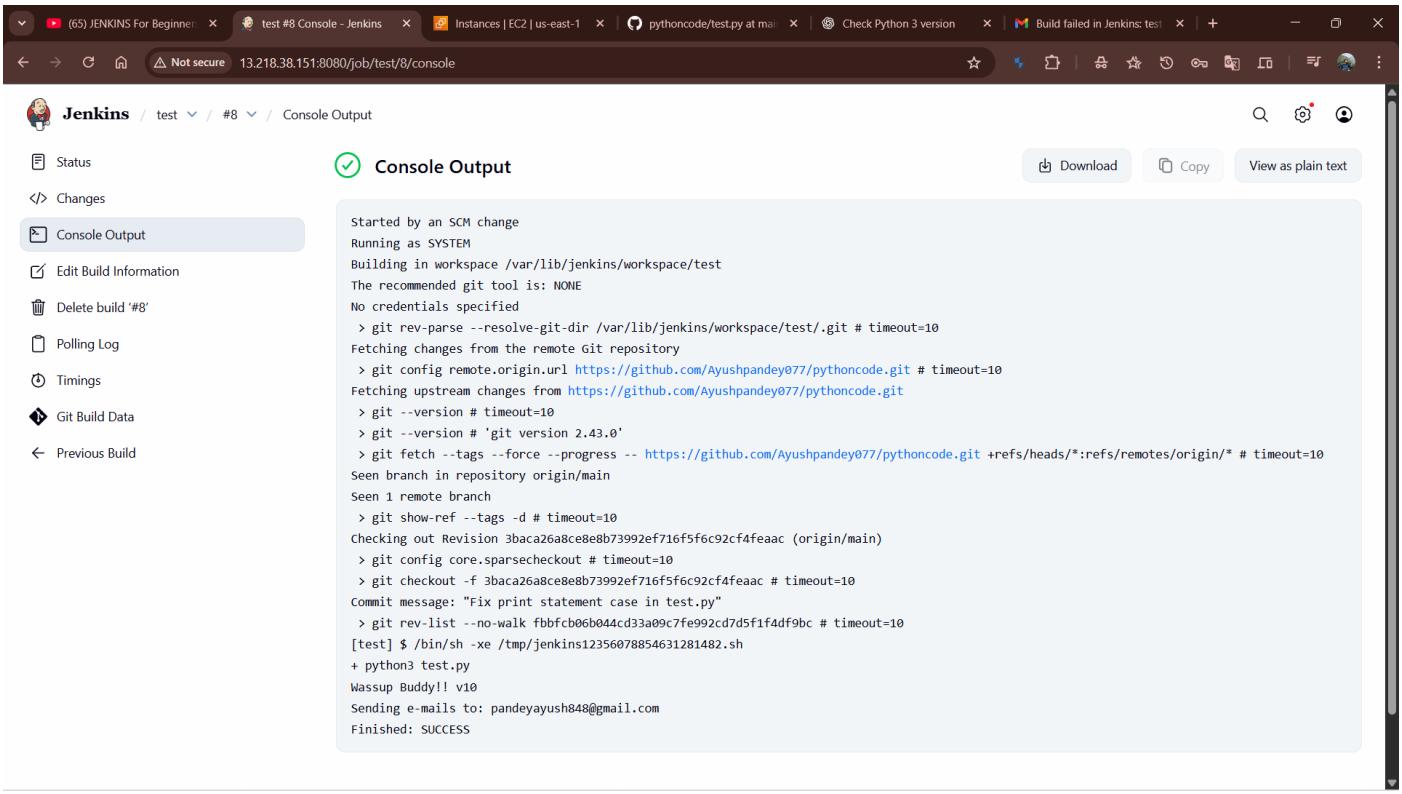

Not secure
13.218.38.151:8080/job/test/
Jenkins
test
Status
Changes
Workspace
Build Now
Configure
Delete Project
Git Polling Log
Rename
Credentials
test
Edit description
test
Permalinks
Last build (#6), 2 min 31 sec ago
Last stable build (#5), 17 min ago
Last successful build (#5), 17 min ago
Last failed build (#6), 2 min 31 sec ago
Last unsuccessful build (#6), 2 min 31 sec ago
Last completed build (#6), 2 min 31 sec ago
Builds
Filter
Pending
#7
Finished waiting
Today
#6 00:33
#5 00:18
#4 00:17

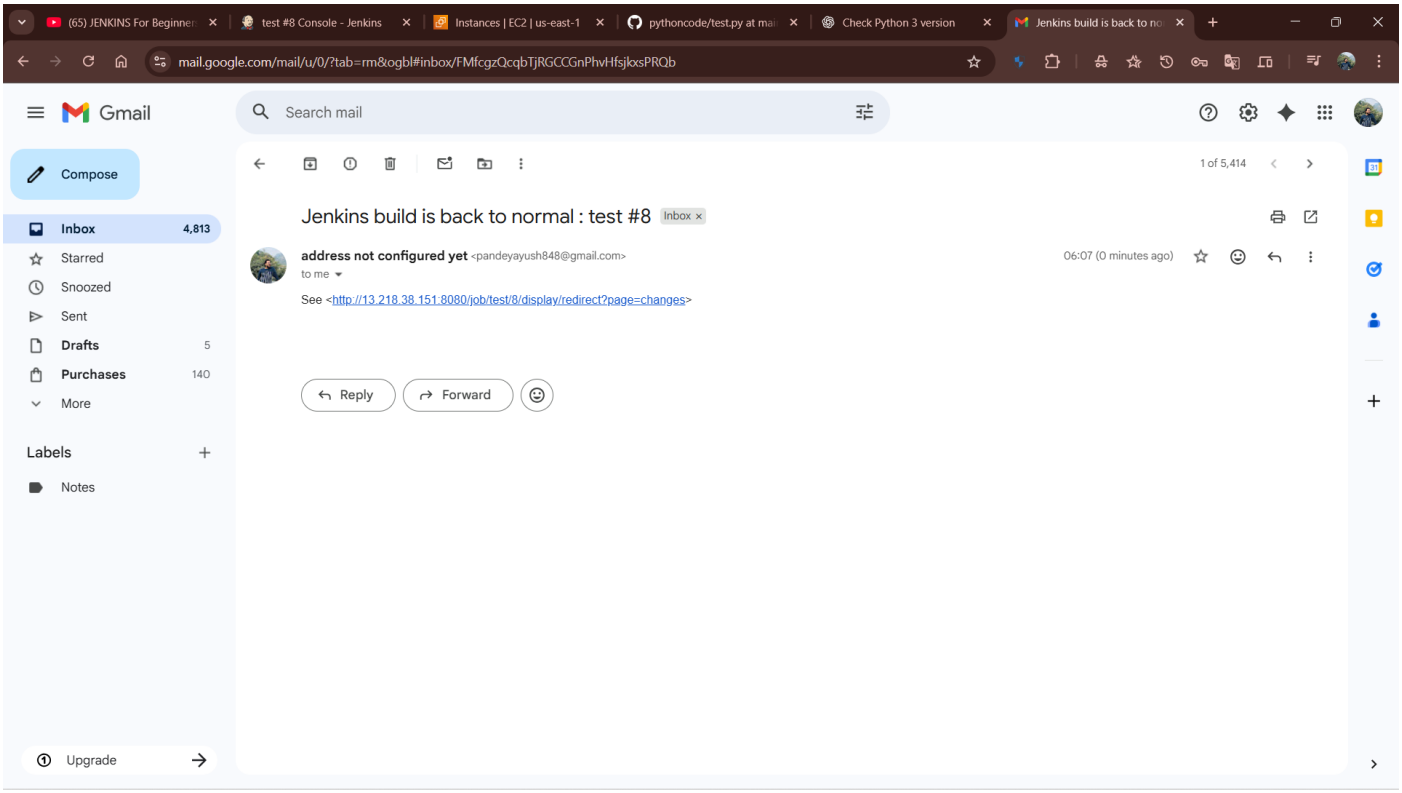

(65) JENKINS For Beginner
test - Jenkins
Instances | EC2 | us-east-1
pythoncode/test.py at mai
Check Python 3 version
Inbox (4,814) - pandeyayu
mail.google.com/mail/u/0/?tab=rm&ogbl#inbox
Gmail
Search mail
Compose
Inbox 4,814
Starred
Snoozed
Sent
Drafts 5
Purchases 140
More
Labels
Notes
Upgrade
1–50 of 5,413
Primary
Promotions 4 new
CodePen – Cool Curves, HTML ...
Social 1 new
Nasima Jamage via LinkedIn – A...
Updates 11 new
TimesJobs Job Alert – Ayush: re...
me Build failed in Jenkins: test #7 - See <http://13.218.38.151:8080/job/test/7/display/redirect?page=changes> Changes:...
me Build failed in Jenkins: test #6 - See <http://13.218.38.151:8080/job/test/6/display/redirect?page=changes> Changes: [noreply] U... 06:03
me Test email #1 - This is test email #1 sent from Jenkins 06:00
Google 2 Security alert - Your password was changed pandeyayush848@gmail.com The password for your Google Account pandeyayus... 05:56
Google 2-Step Verification turned on - 2-Step Verification turned on pandeyayush848@gmail.com Your Google Account pandeyayush... 05:55
Google Your Google Account was recovered successfully - Account recovered successfully pandeyayush848@gmail.com Welcome b... 05:55
Syed Abdul Jaleel (. How LinkedIn Ads Drives Business Growth - Let's Connect? - Hi Ayush, I'm part of a team that helps high-growth businesse... 22:05
image-2eee514...
SBI Card Transactio. Transaction Alert from SBI Card - Dear Cardholder, This is to inform you that, Rs.2000.00 spent on your SBI Credit Card endin... 18:02
Microsoft Azure Team Last Chance to Register | Ready to Modernize Your SAP Landscape? - Hello from Microsoft! Having trouble viewing this em... 27 Oct
Taylor Alison at Jo. Your CV is in high demand for multiple positions - Unsubscribe We've found roles matching your expertise that are drawing ... 27 Oct
Microsoft account t. Microsoft account password change - Microsoft account Your password changed Your password for the Microsoft account p... 27 Oct
Microsoft account t. Personal Microsoft account password reset - Microsoft account Password reset code Please use this code to reset the passwor... 27 Oct
Anjali Sharma Genpact INTERVIEW TOMORROW | Your application has been processed - Genpact Walk-in Drive For Freshers / Exp Type : Vide... 27 Oct
Manisha Agarwal AMAZON | Your Application has been processed - Congratulations AYUSH PANDEY, Your profile have been shortlisted for AMAZ... 27 Oct


(65) JENKINS For Beginner
test - Jenkins
Instances | EC2 | us-east-1
pythoncode/test.py at mai
Check Python 3 version
Build failed in Jenkins: test
mail.google.com/mail/u/0/?tab=rm&ogbl#inbox/FMfcgzQcqbTjRGCBwzlmlDPNTrdHxqrS
Gmail
Search mail
Compose
Inbox 4,813
Starred
Snoozed
Sent
Drafts 5
Purchases 140
More
Labels
Notes
Upgrade
1 of 5,413
Build failed in Jenkins: test #7
Inbox ×
address not configured yet <pandeyayush848@gmail.com>
to me
06:06 (0 minutes ago)
See <http://13.218.38.151:8080/job/test/7/display/redirect?page=changes>
Changes:
[noreply] Update test.py

Started by an SCM change
Running as SYSTEM
Building in workspace <http://13.218.38.151:8080/job/test/ws/>
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir <http://13.218.38.151:8080/job/test/ws/.git> # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Ayushpandey077/pythoncode.git # timeout=10
Fetching upstream changes from https://github.com/Ayushpandey077/pythoncode.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/Ayushpandey077/pythoncode.git +refs/heads/*:refs/remotes/origin/* # timeout=10
Seen branch in repository origin/main
Seen 1 remote branch
> git show-ref --tags -d # timeout=10
Checking out Revision fbbfcb06b044cd33a09c7fe992cd7d5f1f4df9bc (origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f fbbfcb06b044cd33a09c7fe992cd7d5f1f4df9bc # timeout=10
Commit message: "Update test.py"


Jenkins / test
Status
Changes
Workspace
Build Now
Configure
Delete Project
Git Polling Log
Rename
Credentials
test
Edit description
test
Permalinks
Last build (#6), 2 min 31 sec ago
Last stable build (#5), 17 min ago
Last successful build (#5), 17 min ago
Last failed build (#6), 2 min 31 sec ago
Last unsuccessful build (#6), 2 min 31 sec ago
Last completed build (#6), 2 min 31 sec ago
Builds
Filter
Today
#8 00:37
#7 00:36
#6 00:33
#5 00:18
#4 00:17
#3 00:15


Jenkins / test / #8 / Console Output
Status
Changes
Console Output
Edit Build Information
Delete build '#8'
Polling Log
Timings
Git Build Data
Previous Build
Console Output
Download
Copy
View as plain text
Started by an SCM change
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/test
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/test/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Ayushpandey077/pythoncode.git # timeout=10
Fetching upstream changes from https://github.com/Ayushpandey077/pythoncode.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/Ayushpandey077/pythoncode.git +refs/heads/*:refs/remotes/origin/* # timeout=10
Seen branch in repository origin/main
Seen 1 remote branch
> git show-ref --tags -d # timeout=10
Checking out Revision 3baca26a8ce8e8b73992ef716f5f6c92cf4feaac (origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 3baca26a8ce8e8b73992ef716f5f6c92cf4feaac # timeout=10
Commit message: "Fix print statement case in test.py"
> git rev-list --no-walk fbbfcb06b044cd33a09c7fe992cd7d5f1f4df9bc # timeout=10
[test] $ /bin/sh -xe /tmp/jenkins1235607885463128l482.sh
+ python3 test.py
Wassup Buddy!! v10
Sending e-mails to: pandeyayush848@gmail.com
Finished: SUCCESS


(65) JENKINS For Beginner
test #8 Console - Jenkins
Instances | EC2 | us-east-1
pythoncode/test.py at mai
Check Python 3 version
Jenkins build is back to no
mail.google.com/mail/u/0/?tab=rm&ogbl#inbox/FMfcgzQcqbTjRGCCGnPhvHfsjloxsPRQb
Gmail
Search mail
Compose
Inbox 4,813
Starred
Snoozed
Sent
Drafts 5
Purchases 140
More
Labels
Notes
Upgrade
1 of 5,414
Jenkins build is back to normal : test #8
Inbox ×
address not configured yet <pandeyayush848@gmail.com>
to me
06:07 (0 minutes ago)
See <http://13.218.38.151:8080/job/test/8/display/redirect?page=changes>
Reply
Forward