TASK-20

Jenkins and webhook pipeline

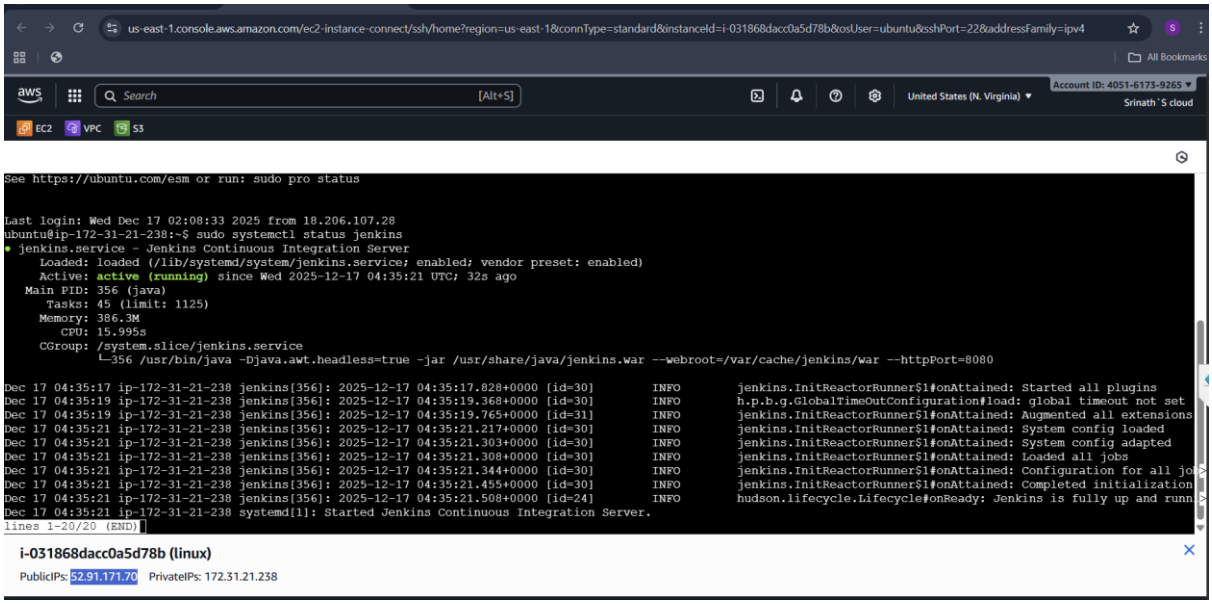
Jenkins:

Jenkins is an open-source automation server that helps developers automate building, testing, and deploying software, central to Continuous Integration/Continuous Delivery (CI/CD) in DevOps.

Webhook:

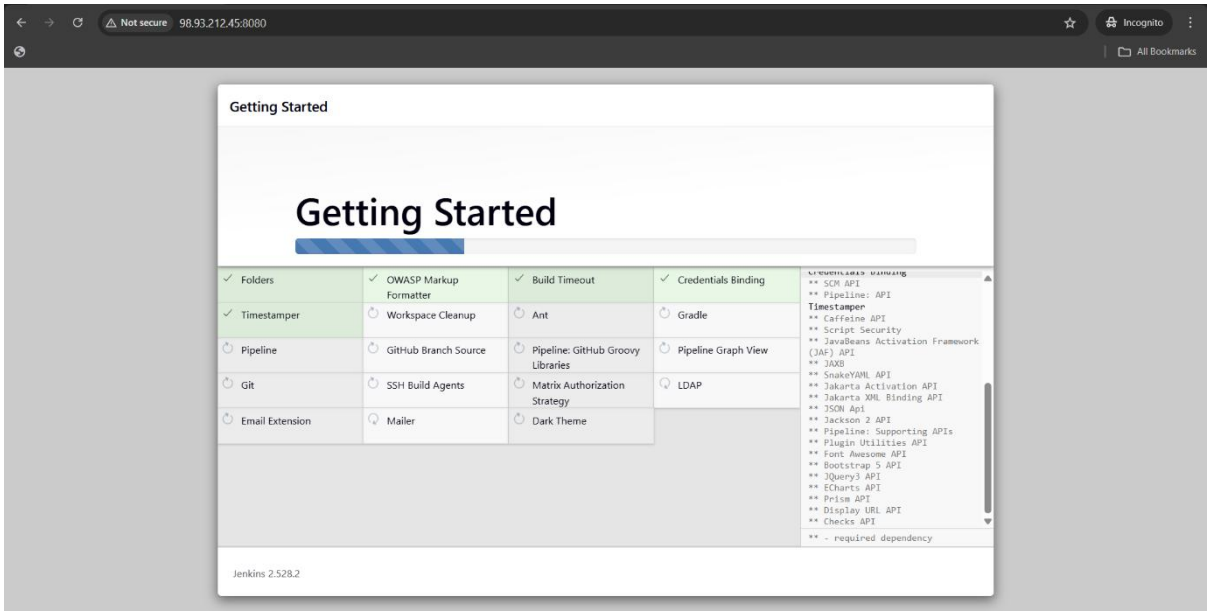
A webhook in Jenkins is an automated mechanism that allows external services, such as version control systems like GitHub or Bitbucket, to notify Jenkins about specific events in real-time. This notification, sent as an HTTP POST request to a pre-configured URL, automatically triggers Jenkins jobs (like builds and tests), thus enabling efficient Continuous Integration/Continuous Delivery (CI/CD) pipelines.

Create EC2 instance with 20 gb and run the Jenkins:

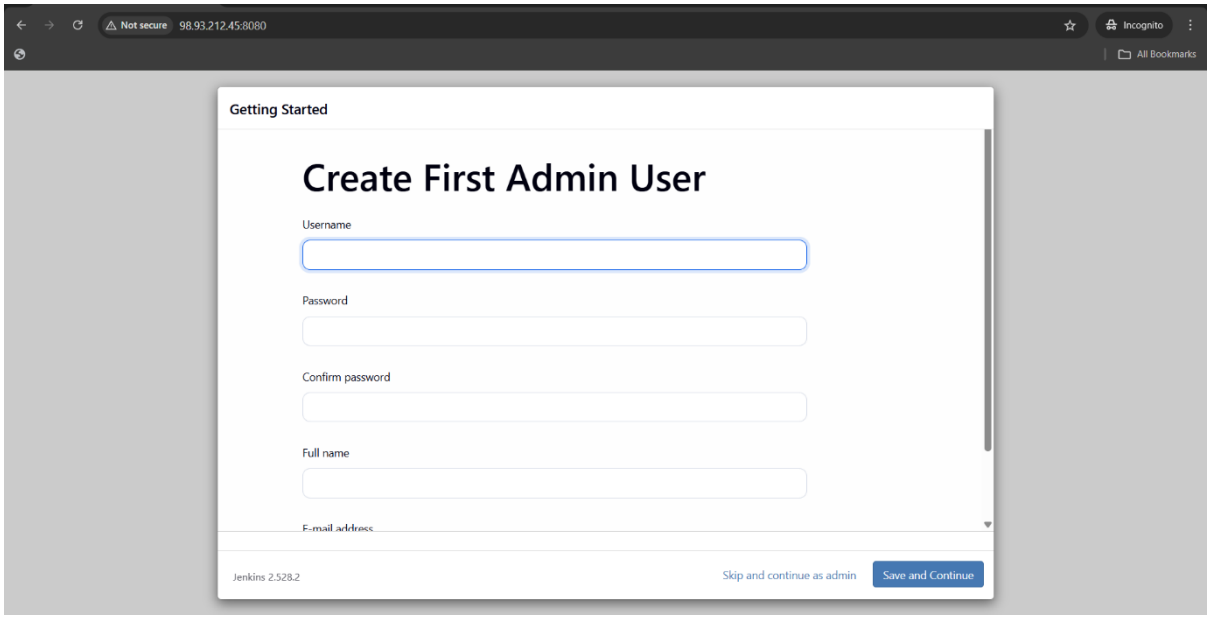


Extract the password from local server:

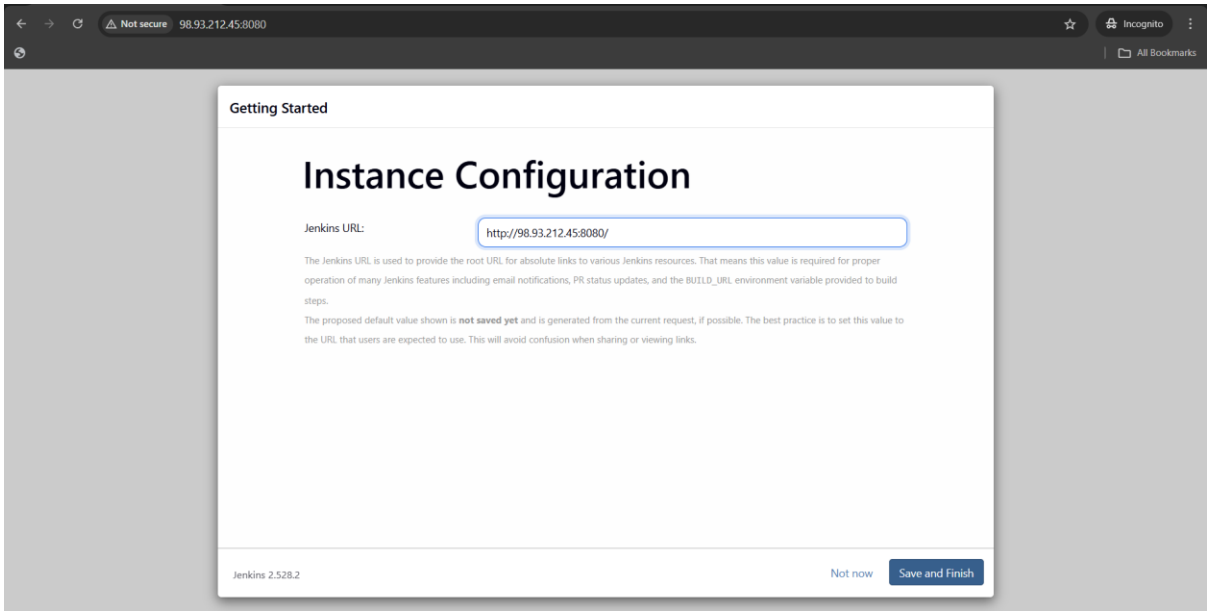
Install Plugins:



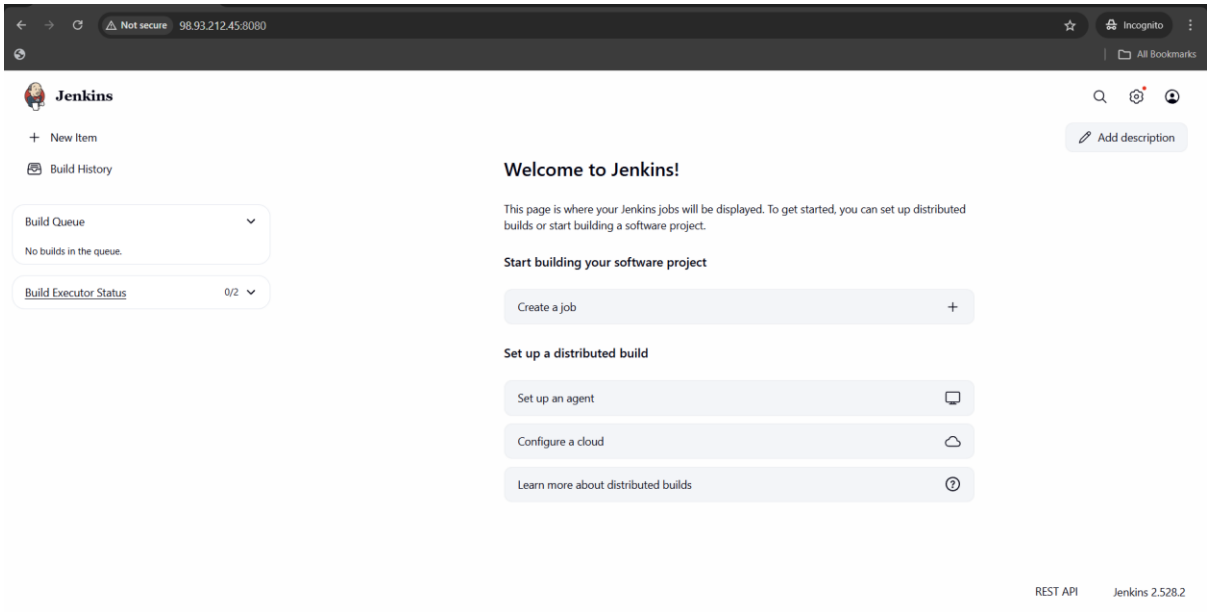
Create Admin user:



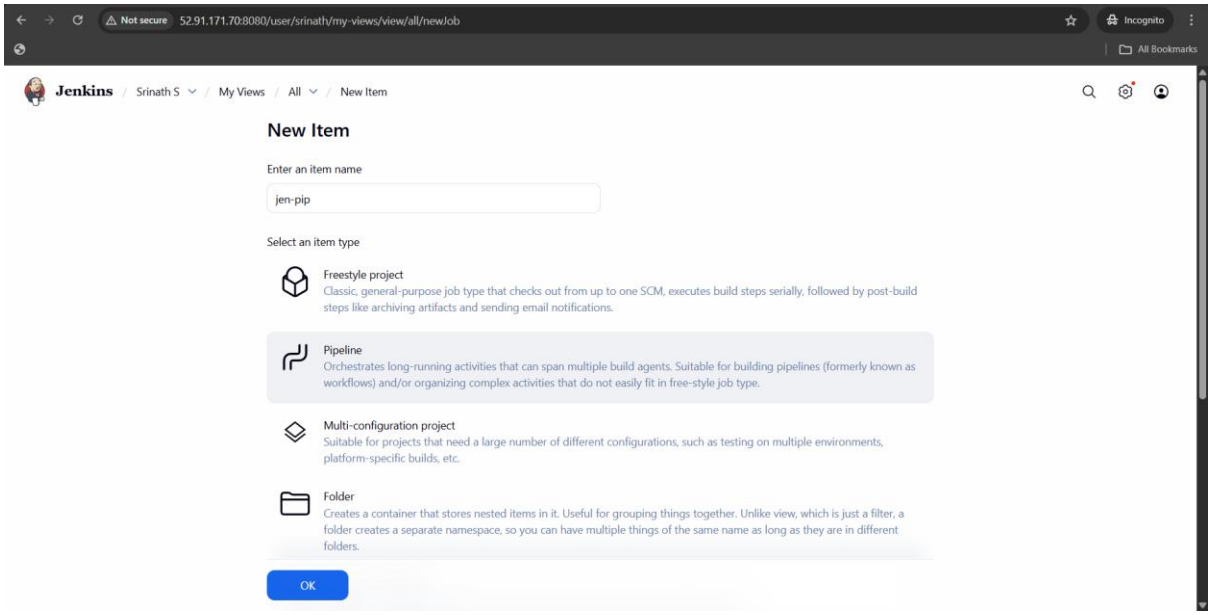
Instance Configuration:



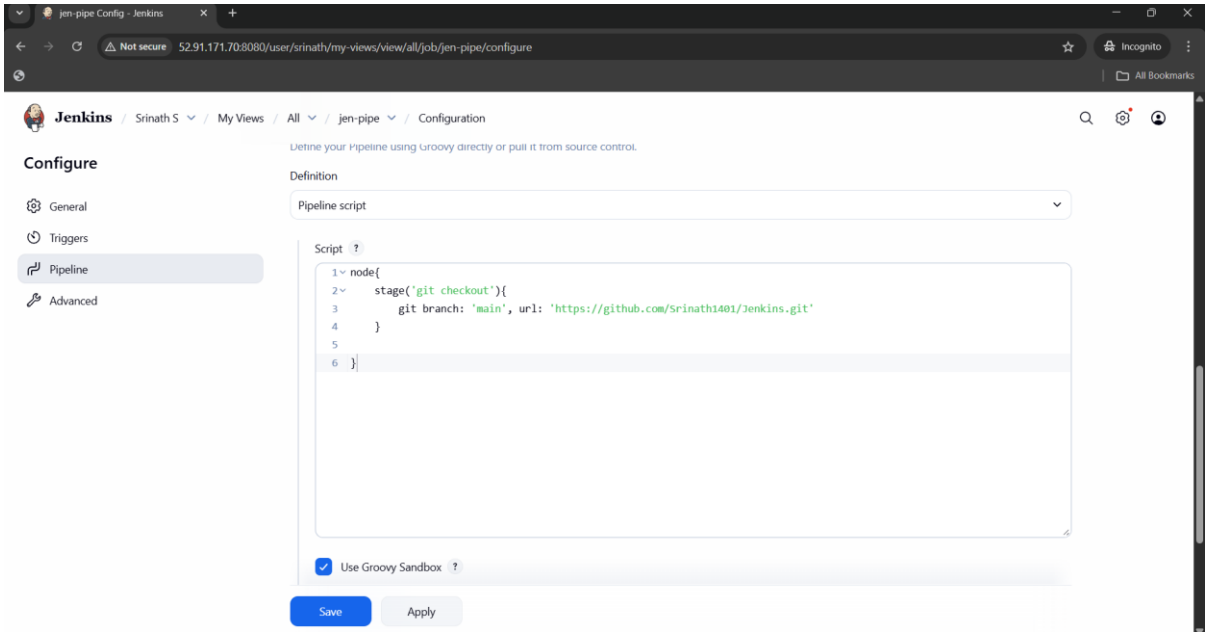
Home Page of Jenkins:



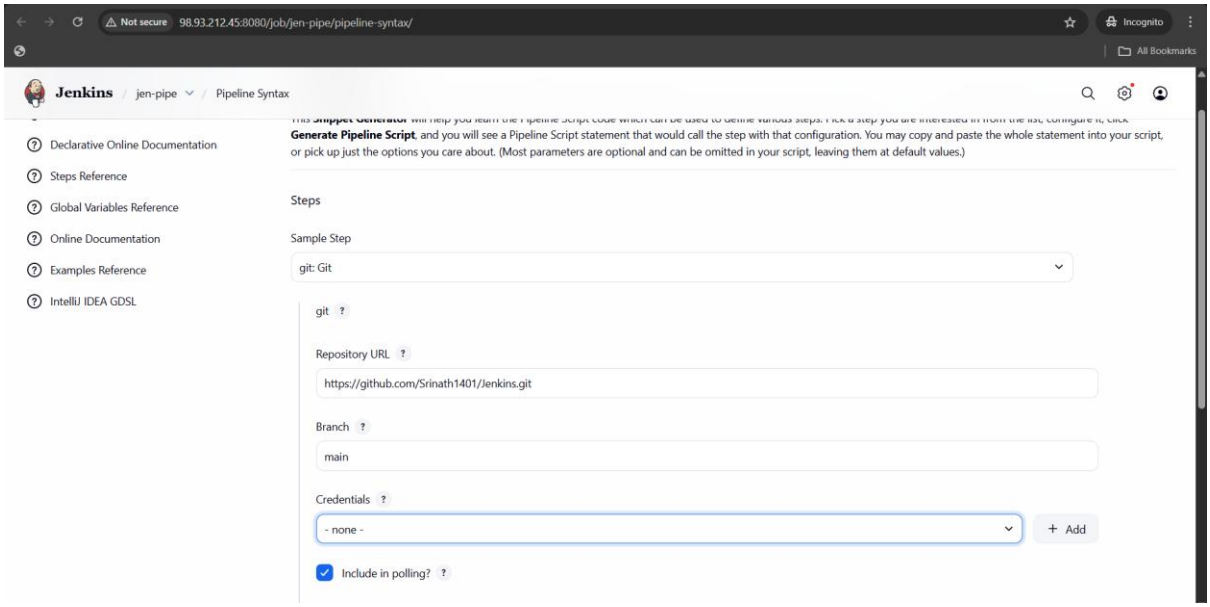
Create a Pipe Line:



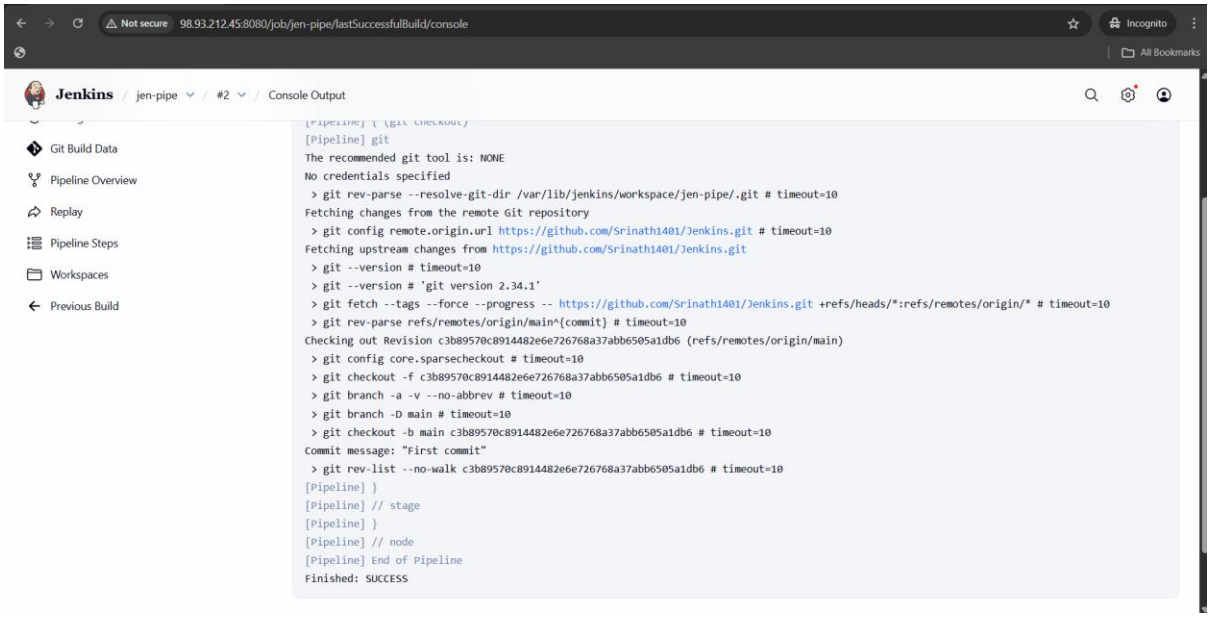
Write the Code:



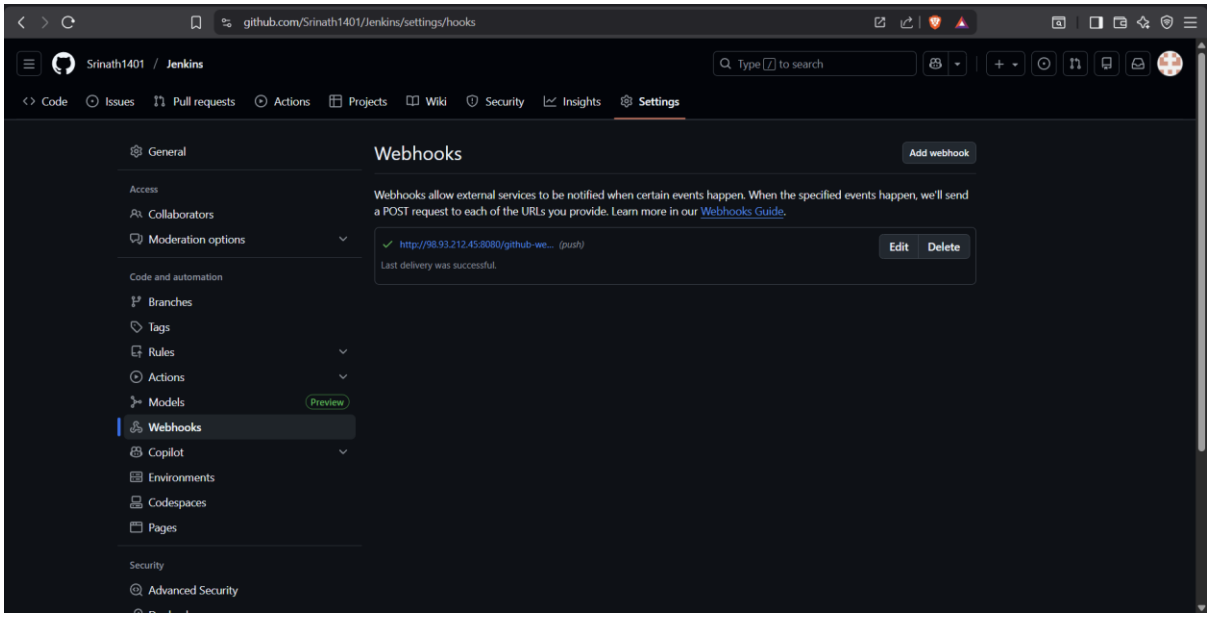
Pipeline Syntax:



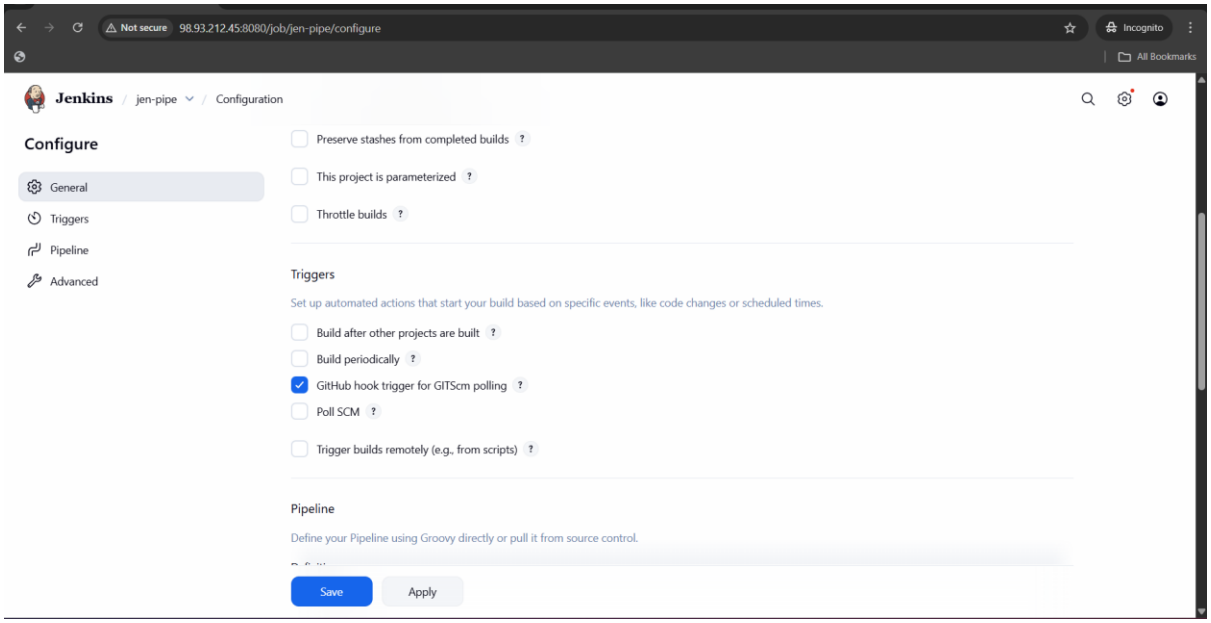
Output:



Webhooks:



Trigger the webhook:



After triggering webghook: