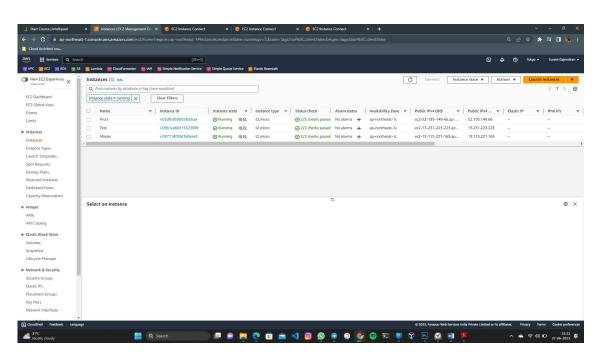
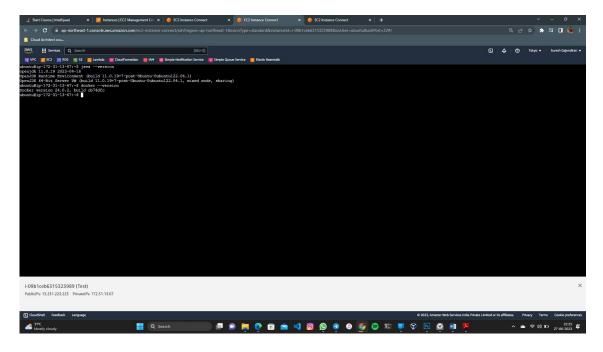
#### Project – Capstone 1

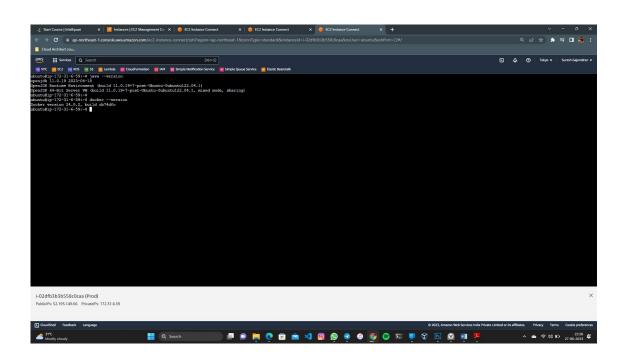
- 1. Install the necessary software on the machines using a configuration Management tool.
- 2. Git workflow has to be implemented.
- 3. Code Build should automatically be triggered once a commit is made to Master branch or develop branch.
  - a. If a commit is made to master branch, test and push to prod
  - b. If a commit is made to develop branch, just test the product, do not push to prod.
- 4. The code should be containerized with the help of a Docker file. The Docker file should be built every time there is a push to GitHub. Use the Following pre-built container for your application: hshar/webapp The code should reside in '/var/www/html'

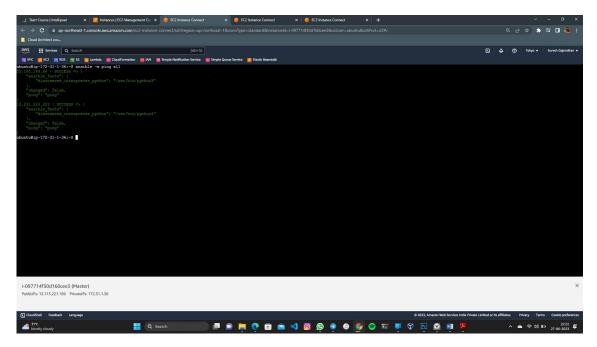


1. Installed ansible java and Jenkins in master machine

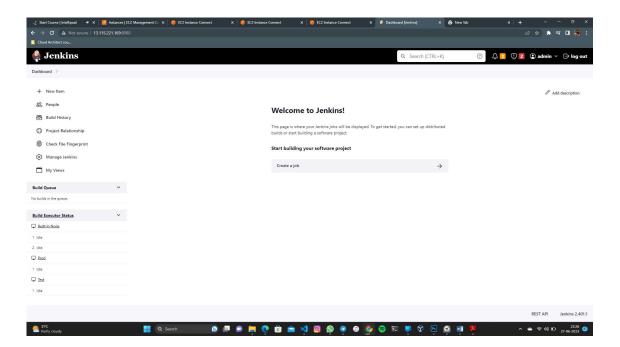
## 2. Installed Java and Docker in both Test and Prod machine



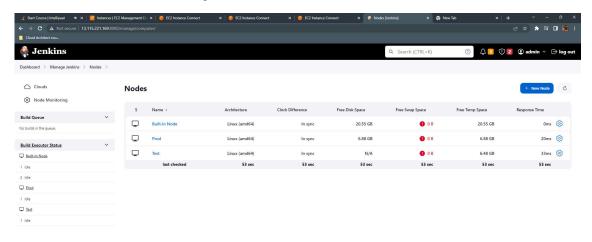




Both test and prod machines are connected with master machine

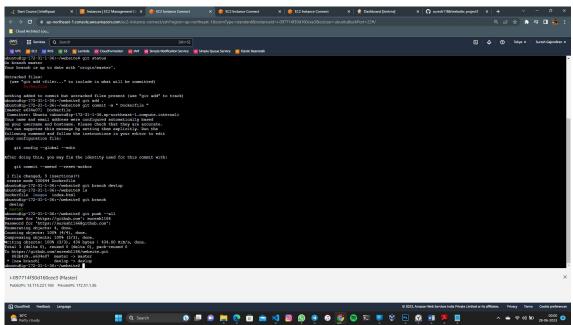


## Nodes are created in jenkins

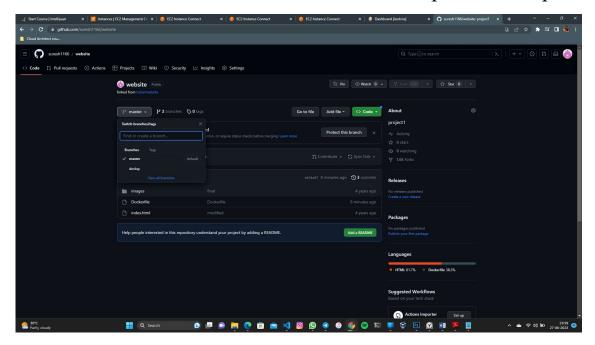




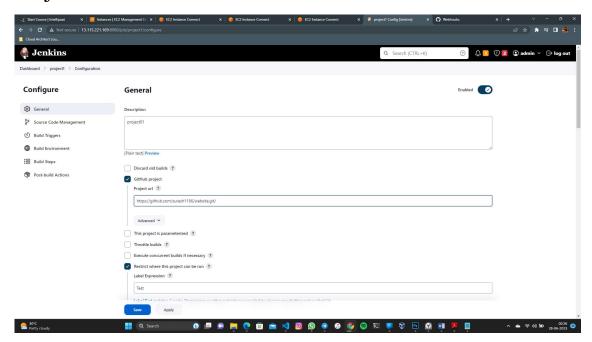
#### Two branches are created

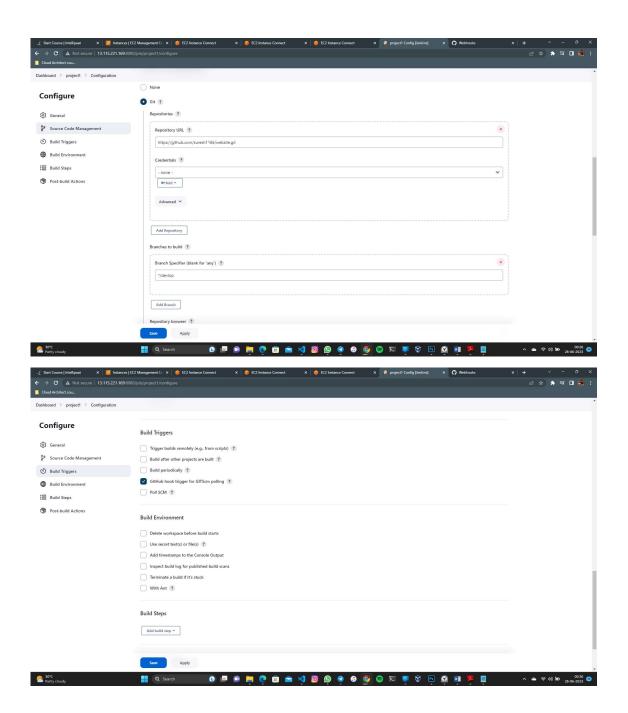


# Now we have two branches and docker file is pushed to repo

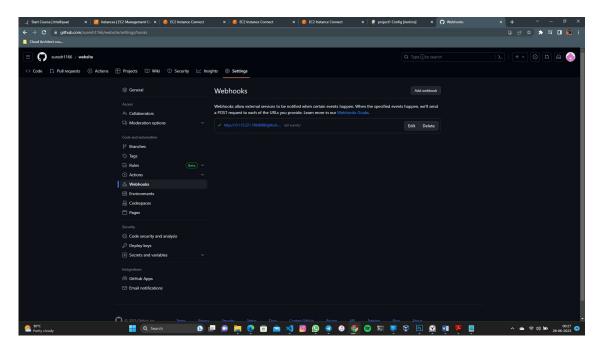


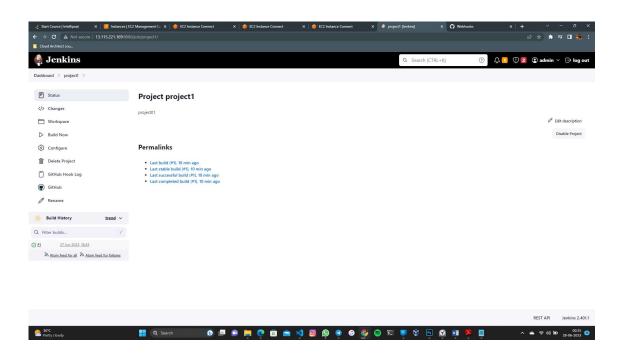
## Project has been created





#### Webhook also created

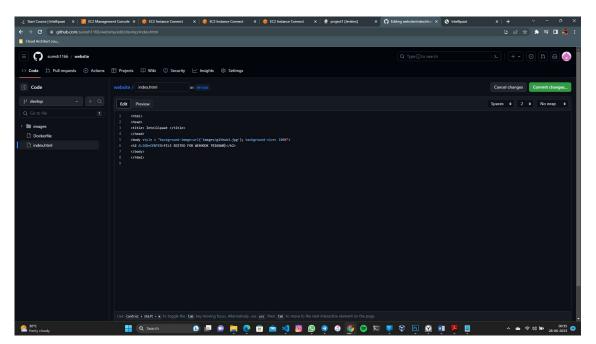


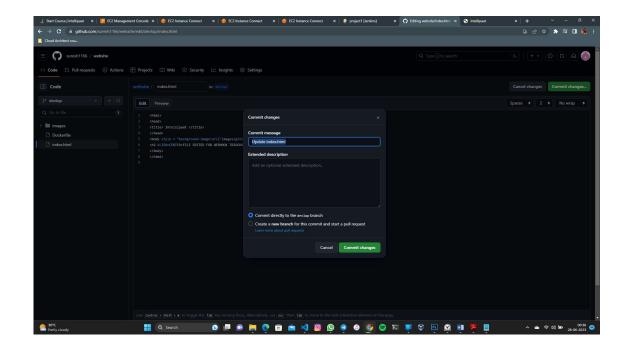


# Output:

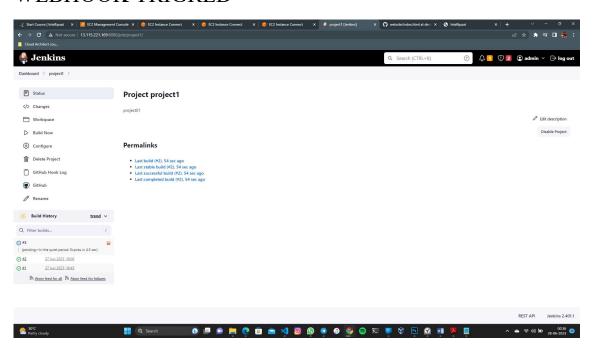


# NOW TRY TO EDIT WEB FILE IN GITHUB AND WE CAN SEE WEBHOOK TRIGERED

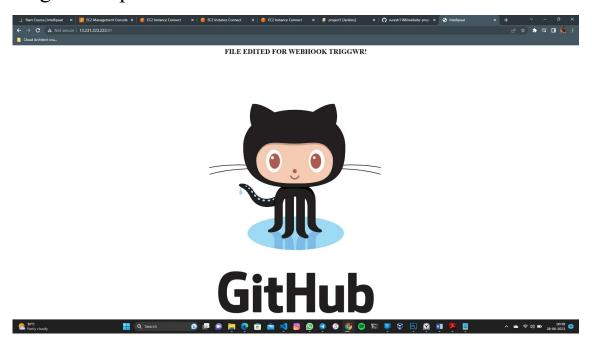




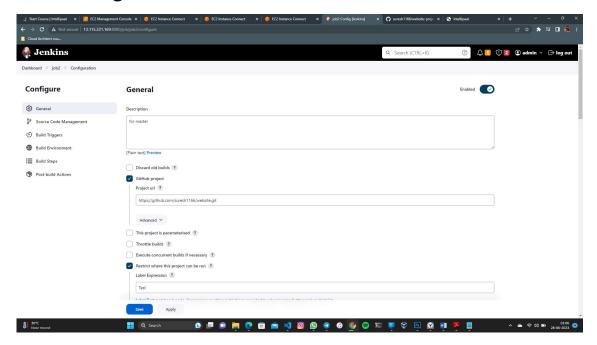
#### WEBHOOK TRIGRED

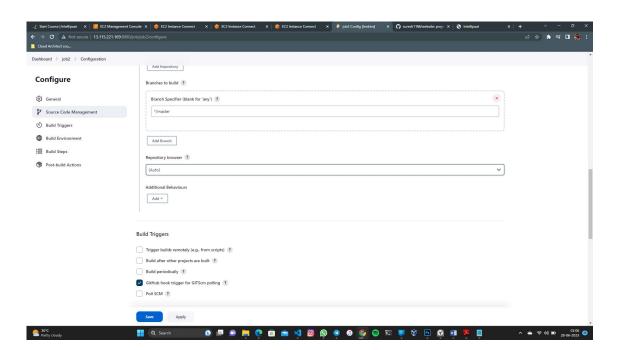


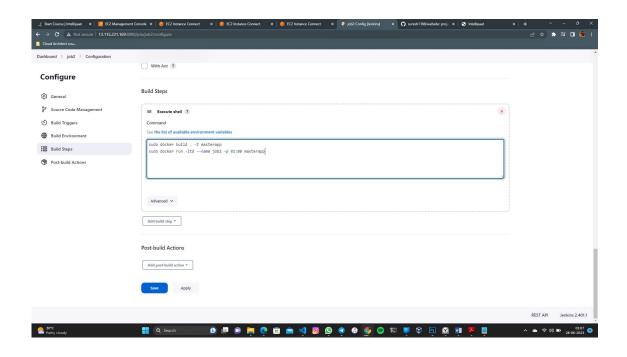
# Trigred Output:

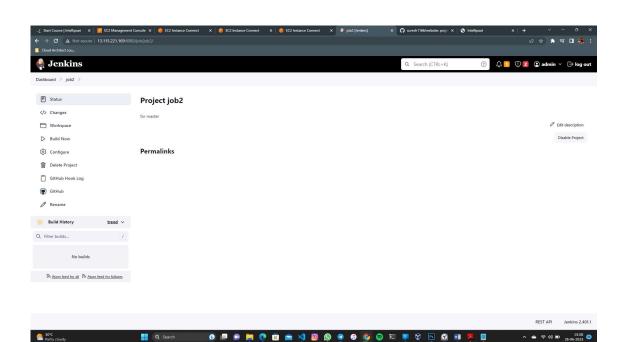


# Now configure for master branch

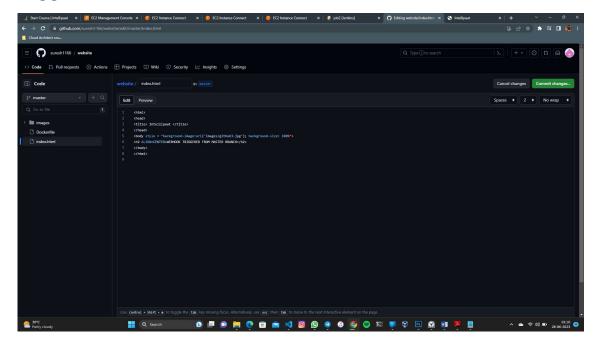


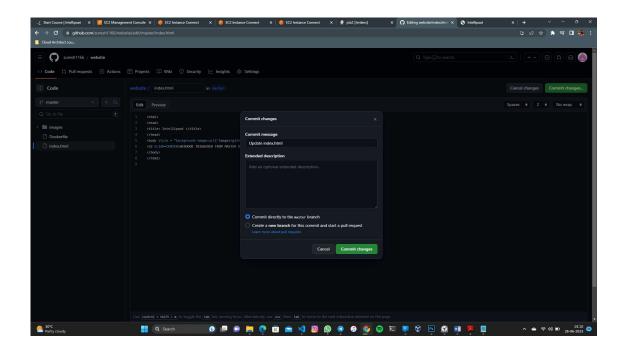




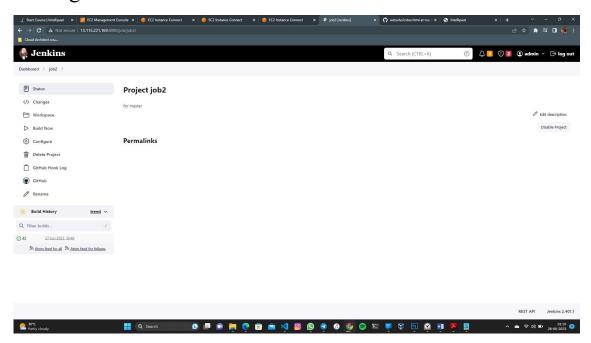


Now commiting the code in master branch and see webhook triggers for master branch





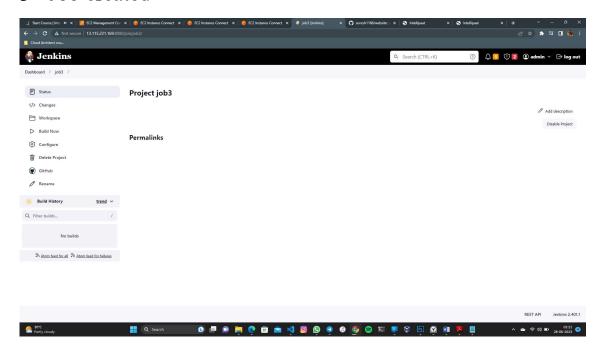
# Build got success:



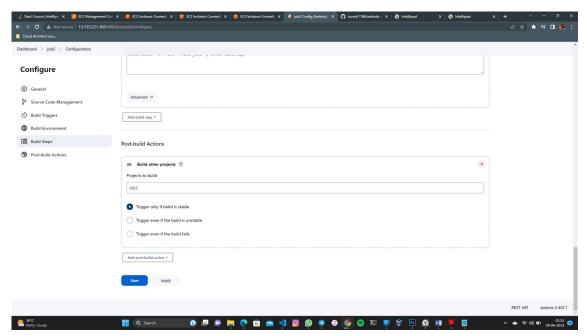
# Output:



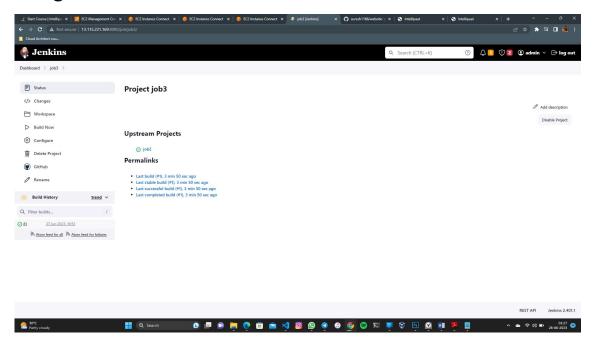
#### 3<sup>rd</sup> Job created



# Now configured job 2 the post build as job 3



# Once job2's post build configured job 3 automatically build and got success



# Final Output:

