Devops Task – 2

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Steps 1:Instalation of Docker

CODE:

sudo apt install docker.io -y sudo systemctl start docker sudo systemctl enable docker sudo systemctl status docker

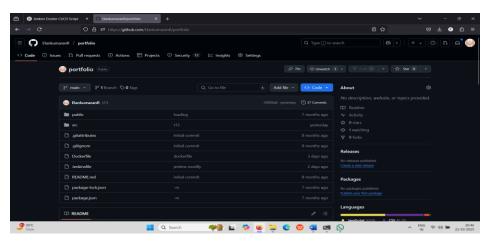
```
Version: 6.19.9 6

GitCommit: delBadB

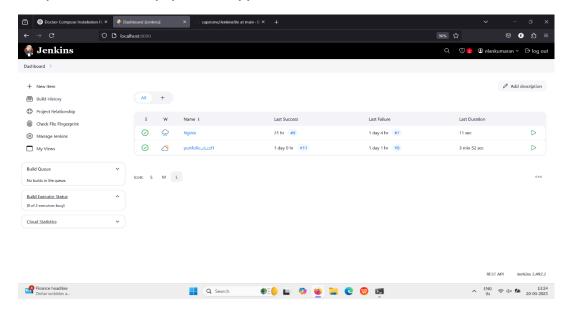
elanBlumarant:$ sudo systemett start docker

Synchronizing state of docker. service with SysV service script with /usr/lib/systemd/systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-systemd-syste
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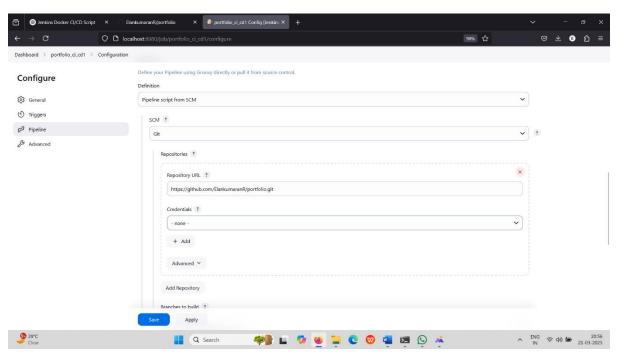
Step 2: Clone a project from github to local machine and add Dockerfile and Jenkinsfile then push it to github



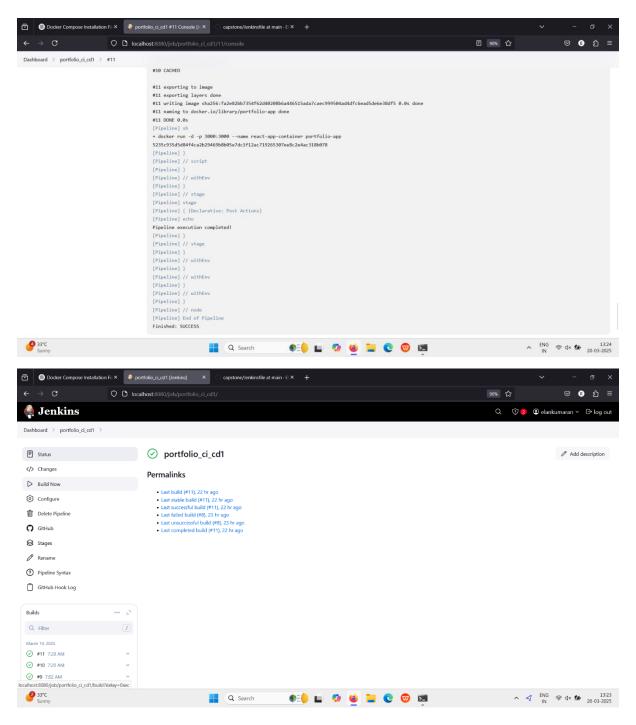
Step3: Create a pipeline type Item in the Jenkins

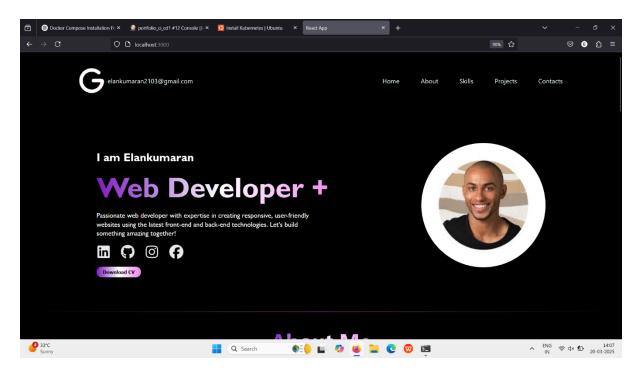


Step4: Add the github link and select the GitHub hook trigger for GITScm polling



Step 5: Then build the item which will give a console output and docker image will build and run on port 3000 which was mentioned in dockerfile



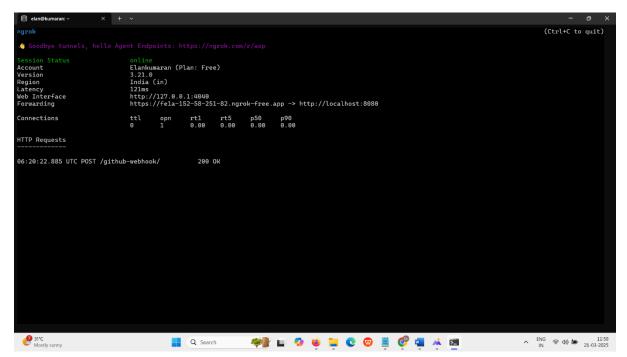


Step 6: Install and Run Ngrok on port 8080

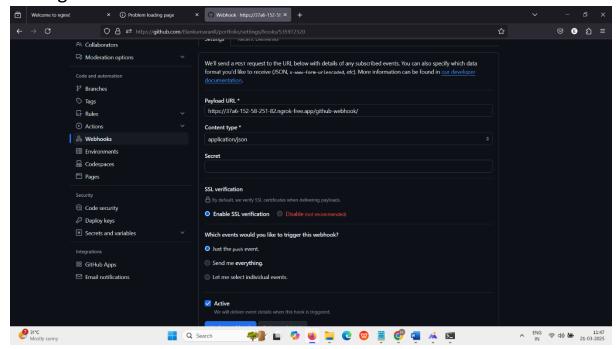
Code:

sudo apt install ngrok

ngrok http 8080



Step 7: go to the webhook in the github repository settings and add the Ngrok link



Step 8: Try to push a code in the github repository, It will automatically trigger a build and you can see the github hook log

