Cloud Computing

cloud computing is a range of services delivered over the internet, or “the cloud.” It means using remote servers to store and access data instead of relying on local hard drives and private data centres.

It has several steps & tools, as follow :-

1. Git & Git hub
2. AWS Server
3. Winscp
4. Chef
5. Docker
6. Jenkins

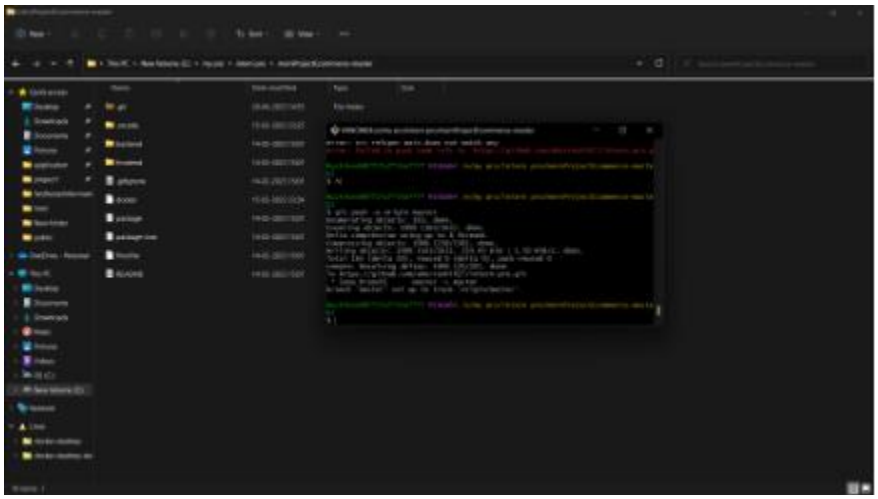
1. Git hub Push :- Take a project file with the version .open git bash in file directory then run command like –

   - git init
   - git config user.name
   - git config user.email ▪ git status
   - git add .
   - git commit -m "v1"
   - git log

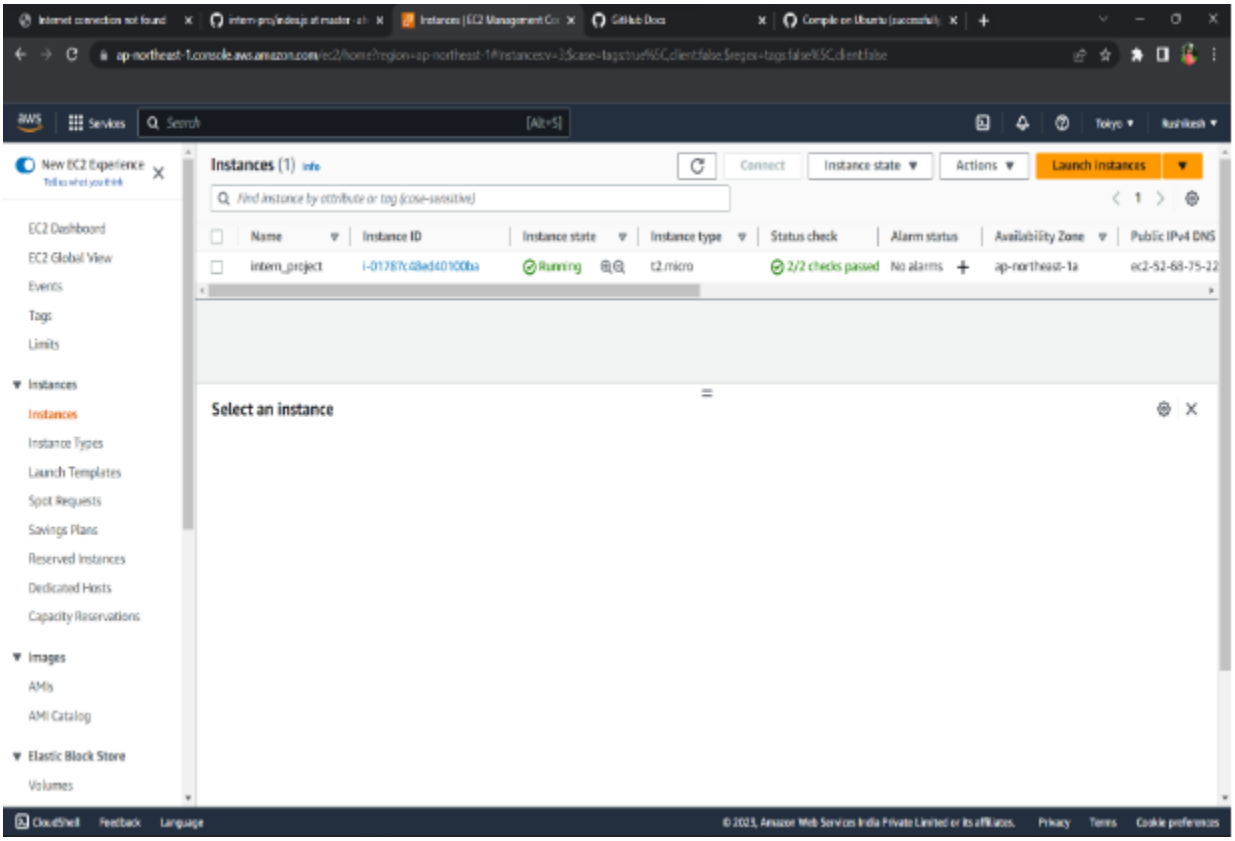
   Open git hub repository

   Create repository back to git bash

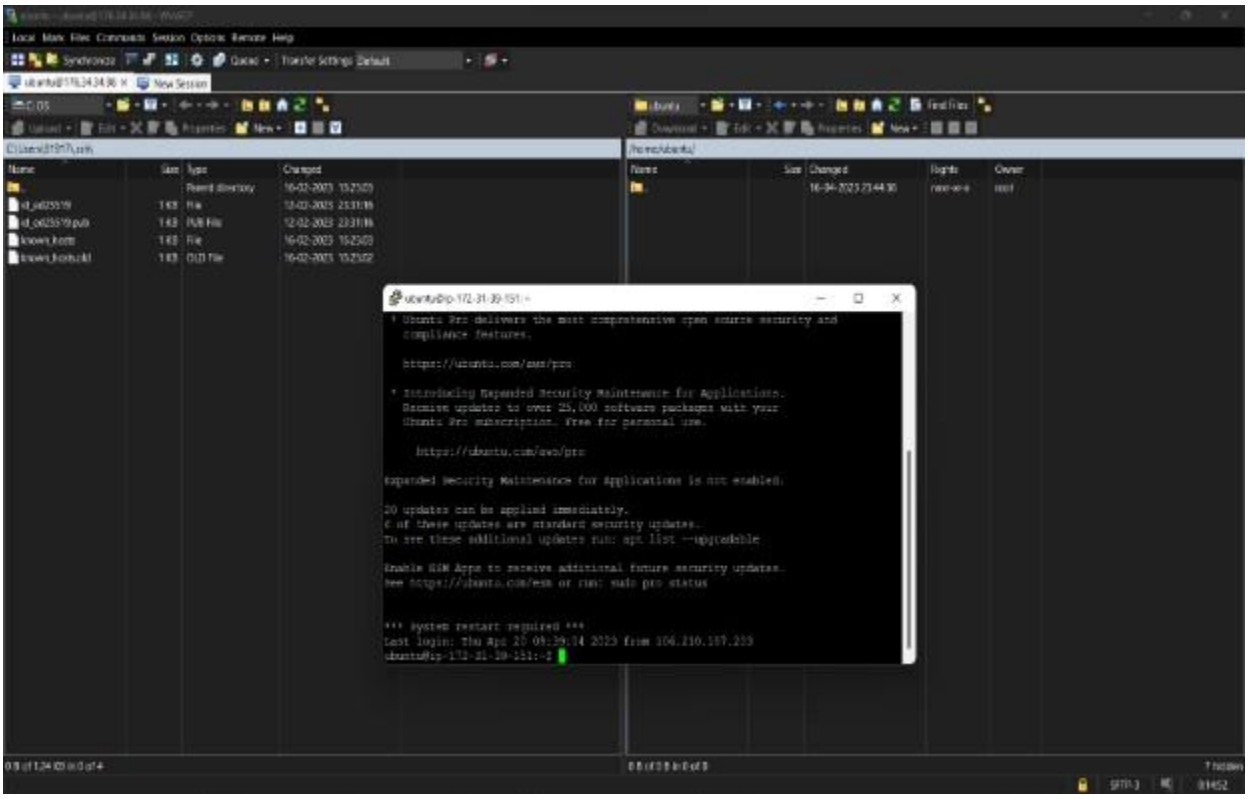
   - git add README.md
   - git branch -M master
   - git remote add origin https://github.com/aherrushi027/intern-pro.git
   - git push -u origin master
   - Git repository :- https://github.com/Gauravk282/icinema



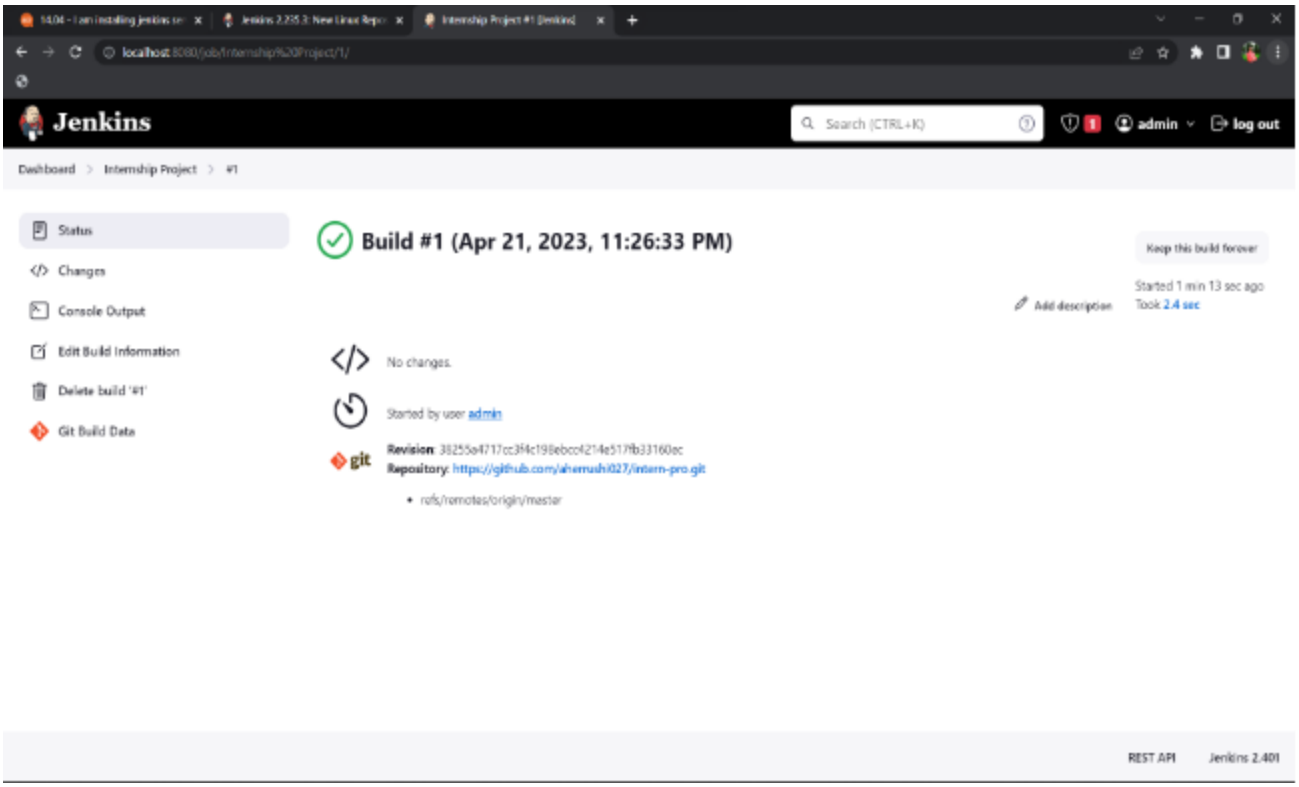
2. AWS Server :- Create AWS accounts then create free tier EC 2 instance



3. Winscp :- Install Winscp, put AWS instance public Ip4 address & SSH authentication file.



4. Jenkins:- Build project ,connecting github repository to Jenkins by ssh key credentials.


Jenkins
Search (CTRL+K)
admin
log out
Dashboard > Internship Project > #1
Status
Changes
Console Output
Edit Build Information
Delete build '#1'
Git Build Data
Build #1 (Apr 21, 2023, 11:26:33 PM)
Keep this build forever
Add description
Started 1 min 13 sec ago
Took 2.4 sec
No changes.
Started by user admin
Revision: 38255a4717cc3f4c198ebcc4214e517fb33160ec
Repository: https://github.com/aherrushi027/intern-pro.git
refs/remotes/origin/master
REST API
Jenkins 2.401