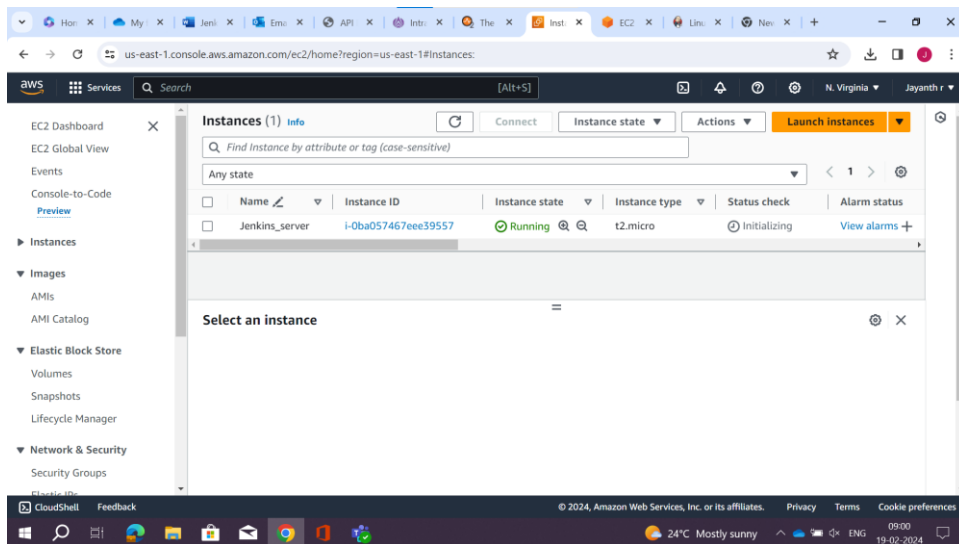


Jenkins and AWS

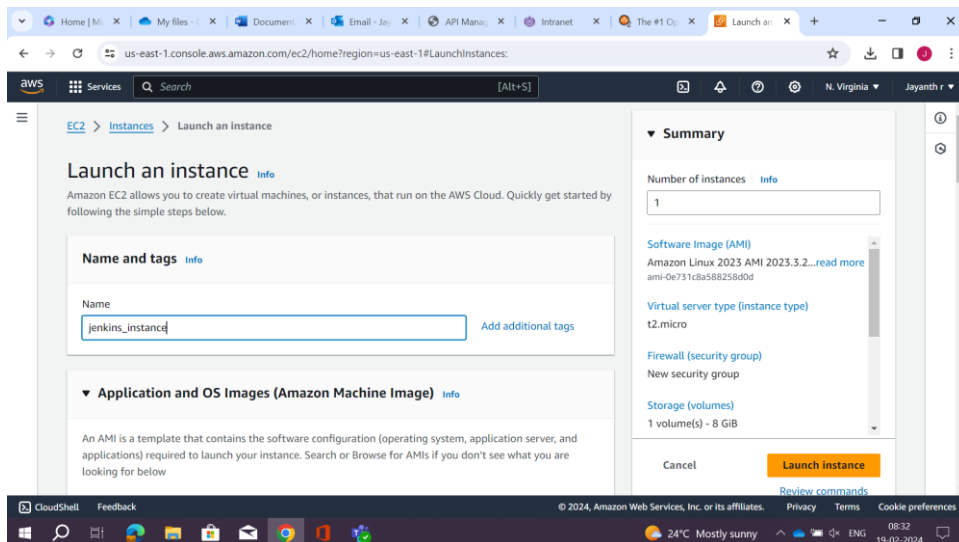
Jayanth r
ACE11696

Here are the steps for Creating Jenkins in AWS.

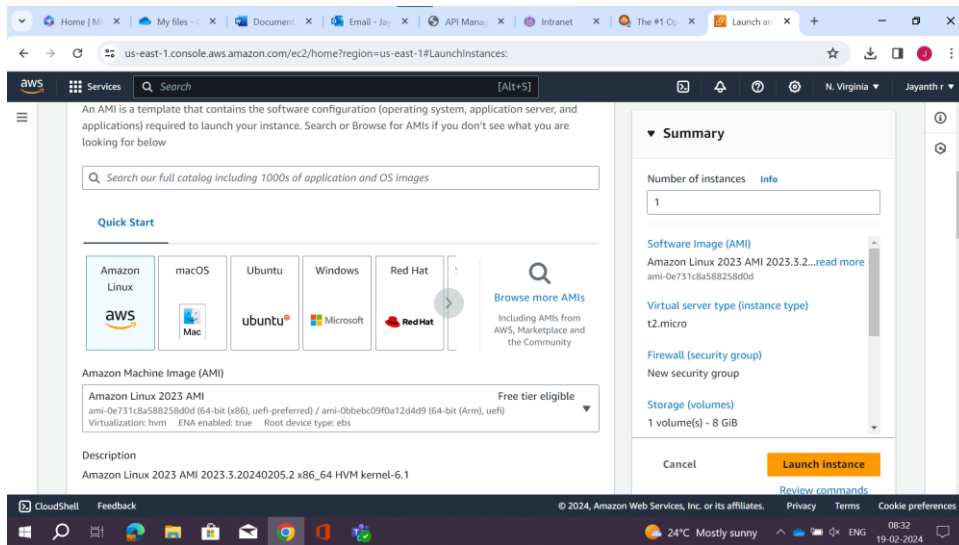
Step 1: Navigate to the EC2 service in navigation bar and give launch instance there.



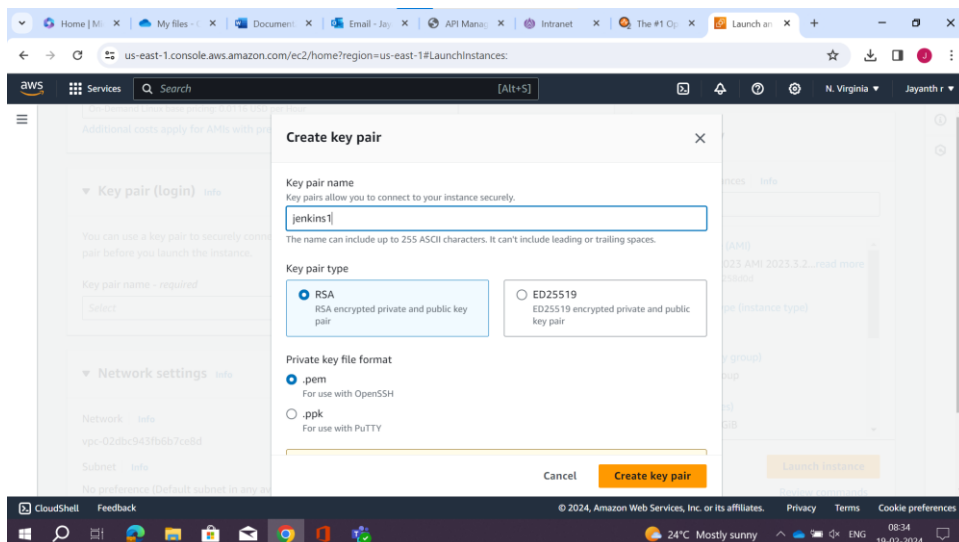
Step 2: Give the EC2 service name.



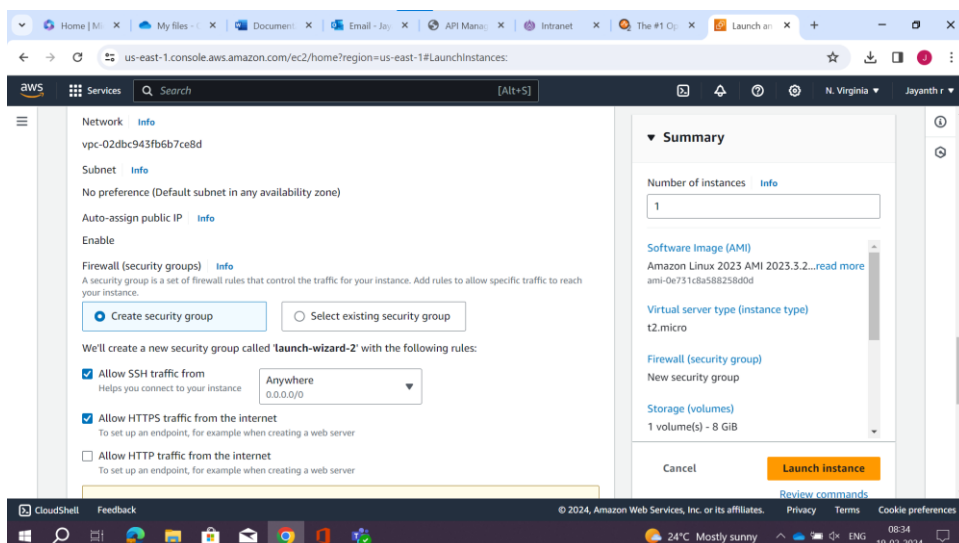
Step 3: Select OS AMI.



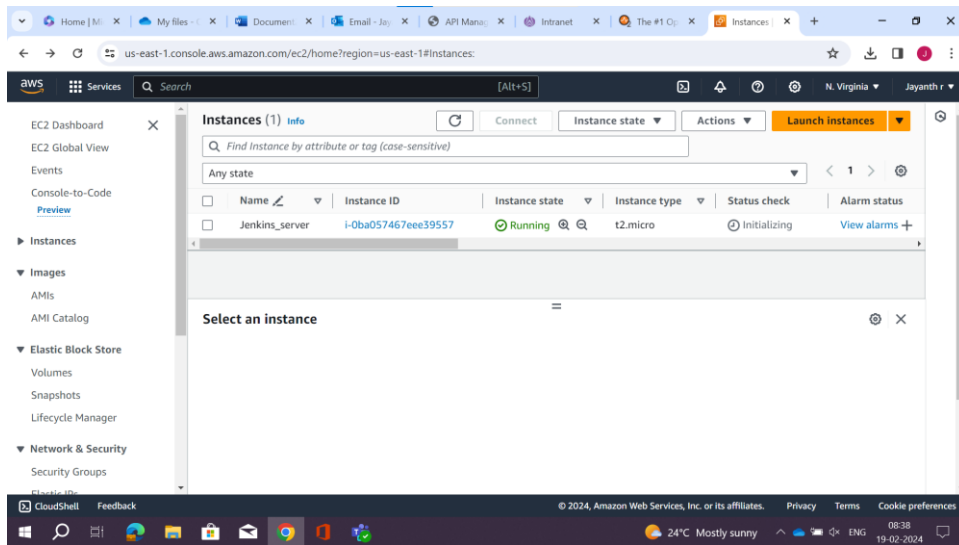
Step 4: Create Key pair.



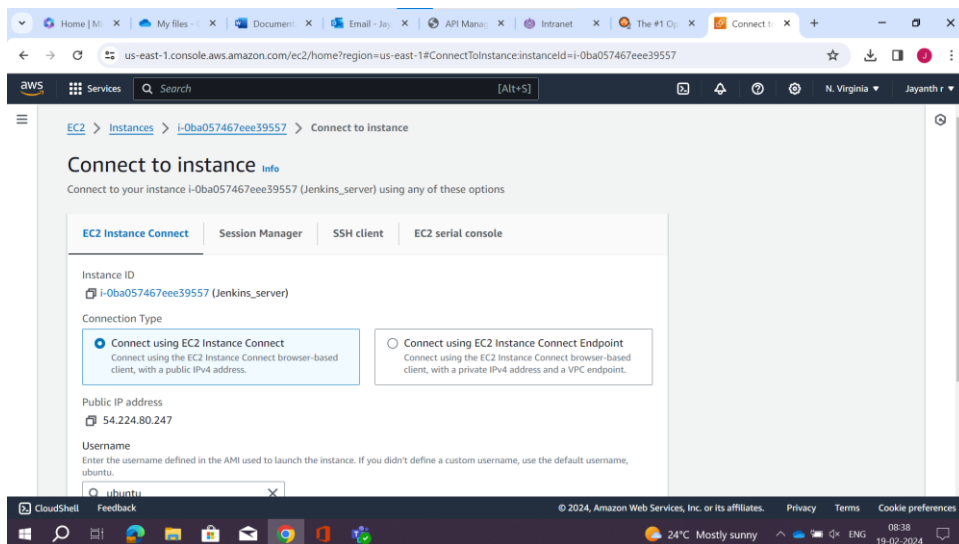
Step 5: Select Network Settings.



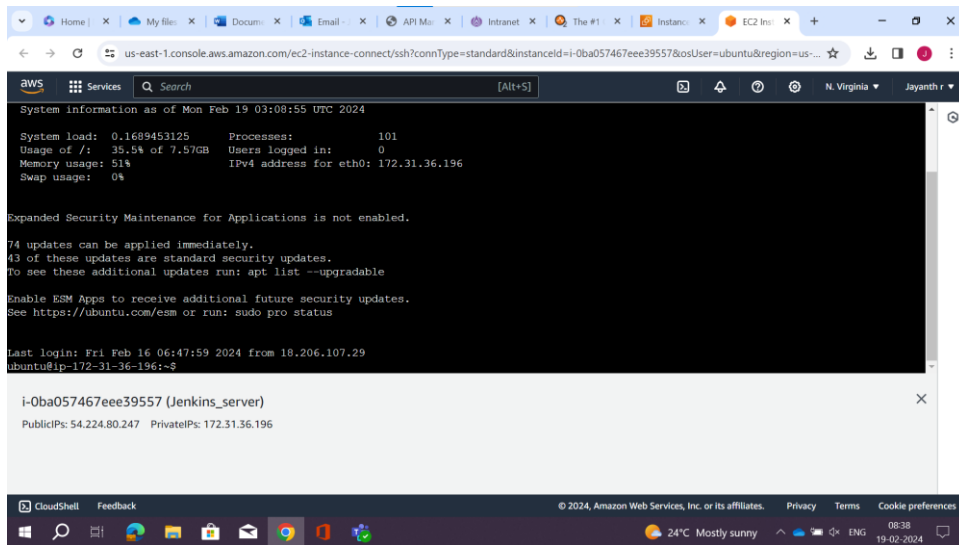
Step 6: After Creating it will start running.



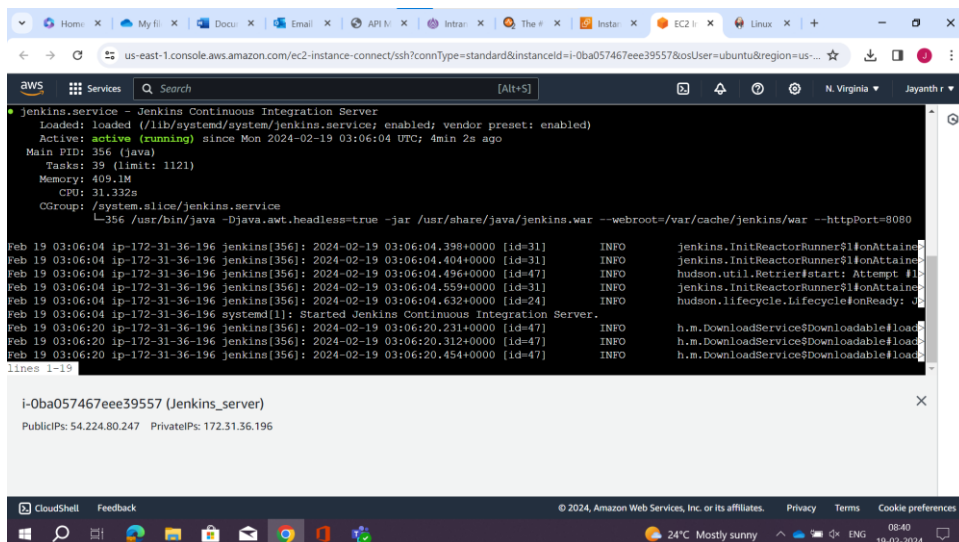
Step 7: Connect to instance using ec2 connect.



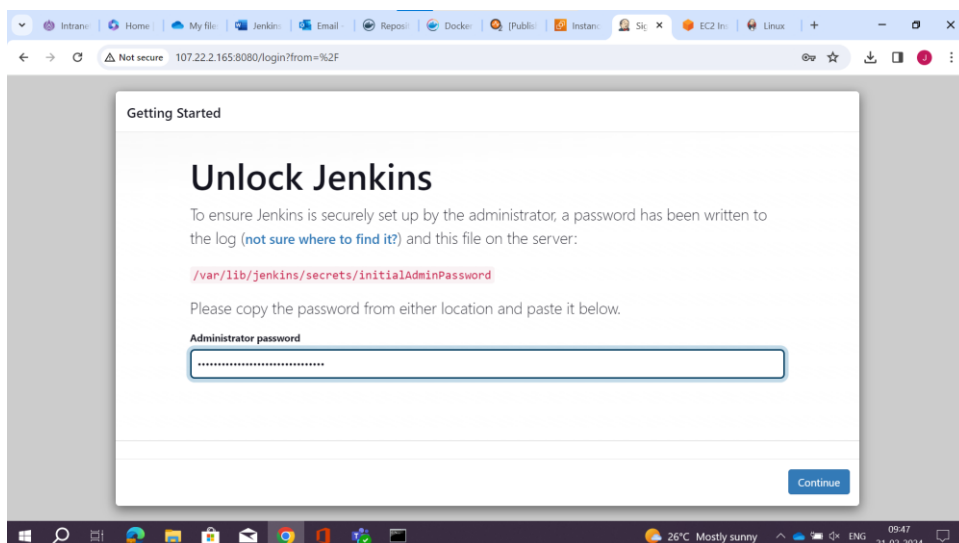
Step 8: Now Your virtual Machine is ready to use.



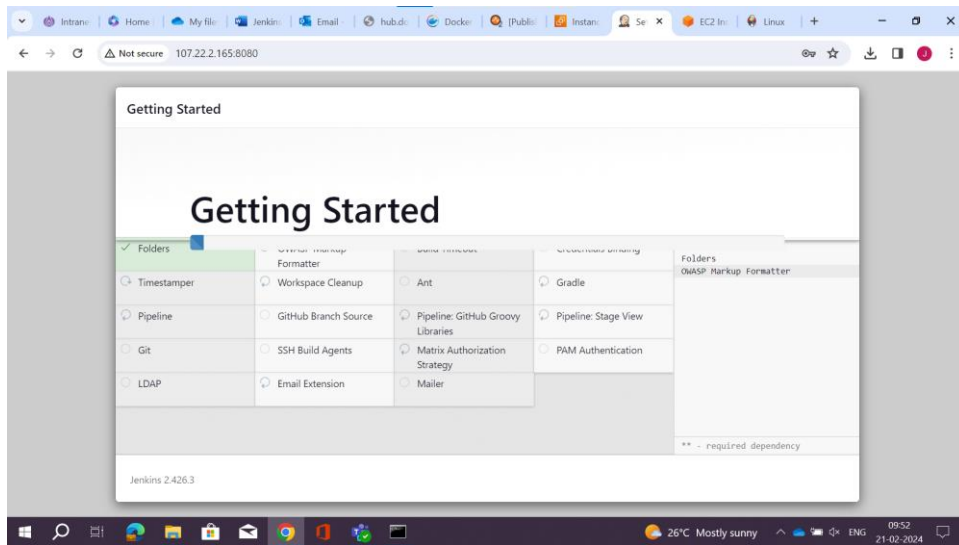
Step 9: Install Java and Jenkins Using Commands.



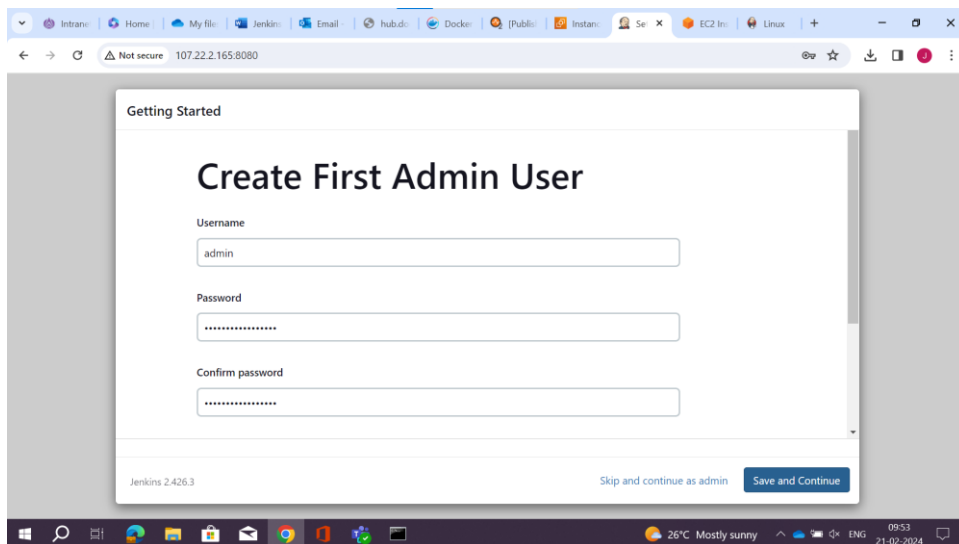
Step 10: Navigate to the Public Ip address you can see Jenkins Unlock using Admin password.



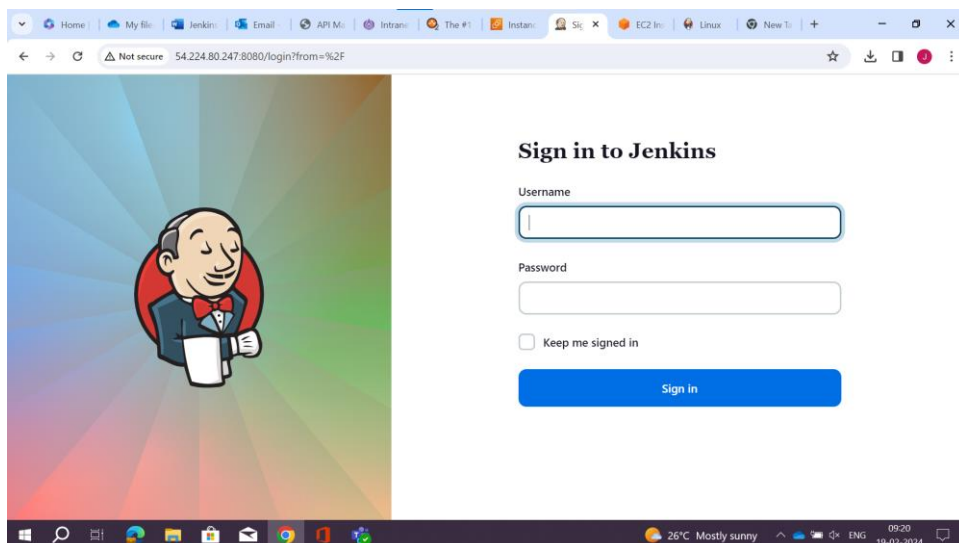
Step 11: Install plugins.



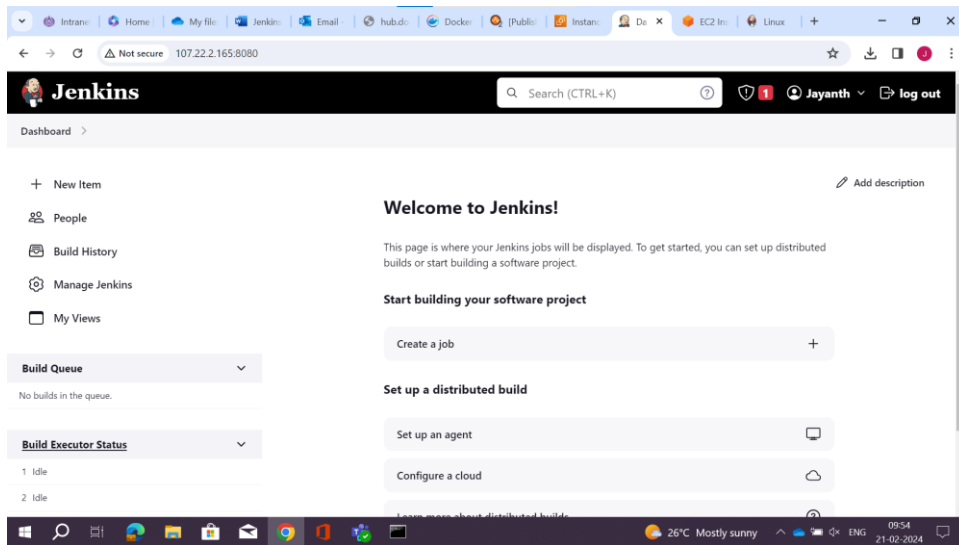
Step 12: Create a Admin User by providing your credentials.



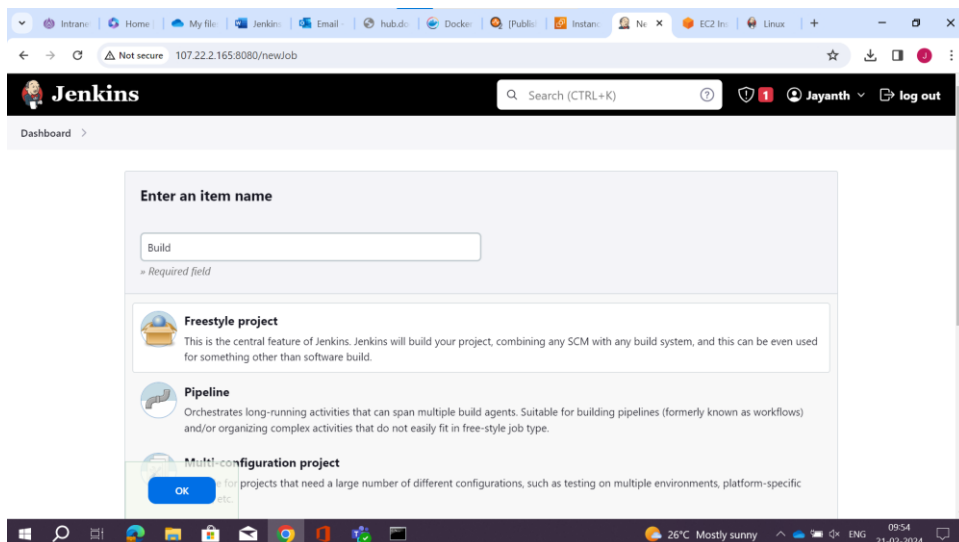
Step 12: Now you can sign in to the Jenkins with credentials given.



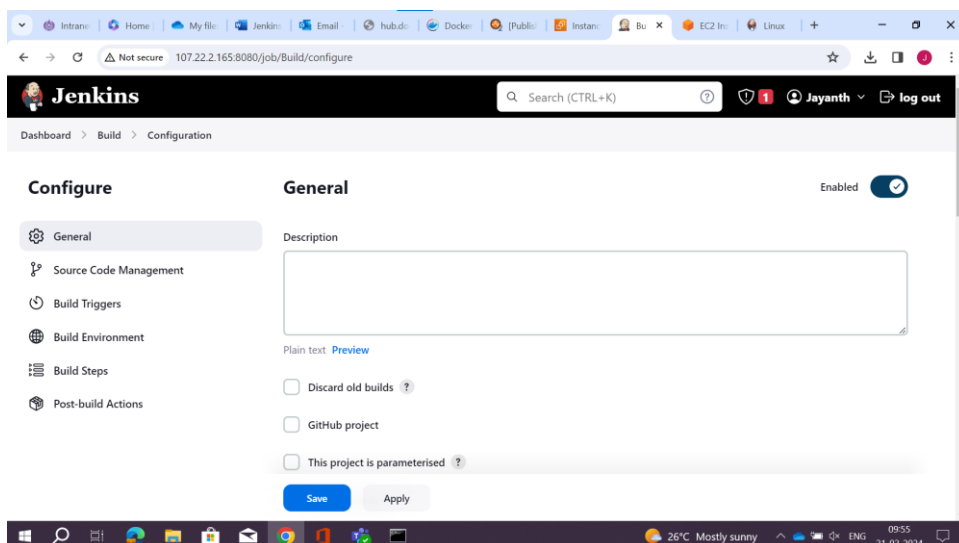
Step 13: Now you will be navigating to Jenkins Dashboard.



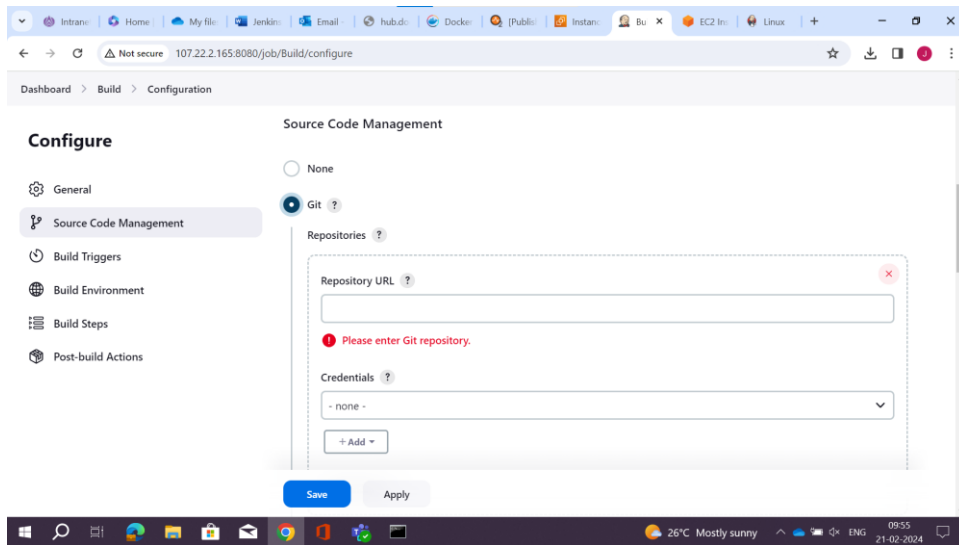
Step 14: Create a job by selecting Freestyle project.



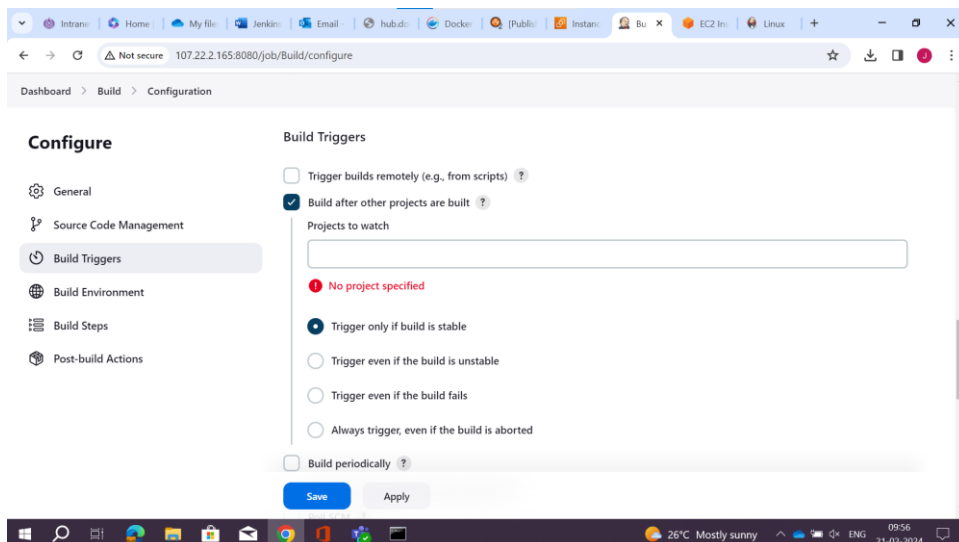
Step 15: Now you can configure your job here.



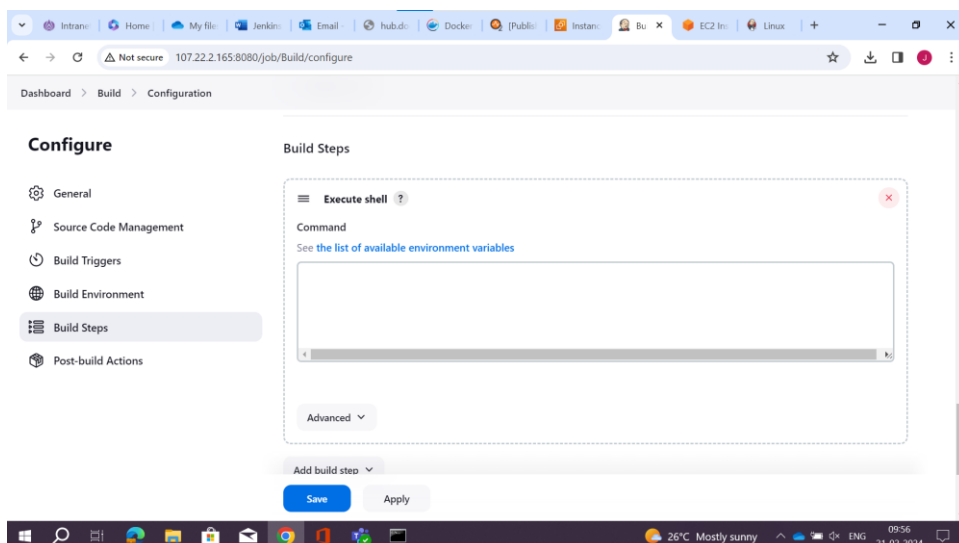
Step 16: Now you can provide your git url if your using git as source code.



Step 17: You can build triggers for each jobs set next job if one job run success.



Step 18: Here you can give Shell comands for running your application.



Step 19: you can see the jobs created in the dashboard and run it when you want.

The screenshot shows the Jenkins web interface in a browser. The top navigation bar includes the Jenkins logo, a search bar, and user information for 'Jayanth'. The left sidebar contains links to 'New Item', 'People', 'Build History', 'Manage Jenkins', and 'My Views'. The main content area displays a table of jobs under the 'All' view filter. A single job named 'Build' is listed with a sun icon, indicating it is idle. The table columns are 'S', 'W', 'Name', 'Last Success', 'Last Failure', and 'Last Duration'. Below the table, there are links for 'Icon legend', 'Atom feed for all', 'Atom feed for failures', and 'Atom feed for just latest builds'. On the left, the 'Build Queue' section shows 'No builds in the queue.' and the 'Build Executor Status' section shows two idle executors.

S	W	Name	Last Success	Last Failure	Last Duration
...	☀	Build	N/A	N/A	N/A