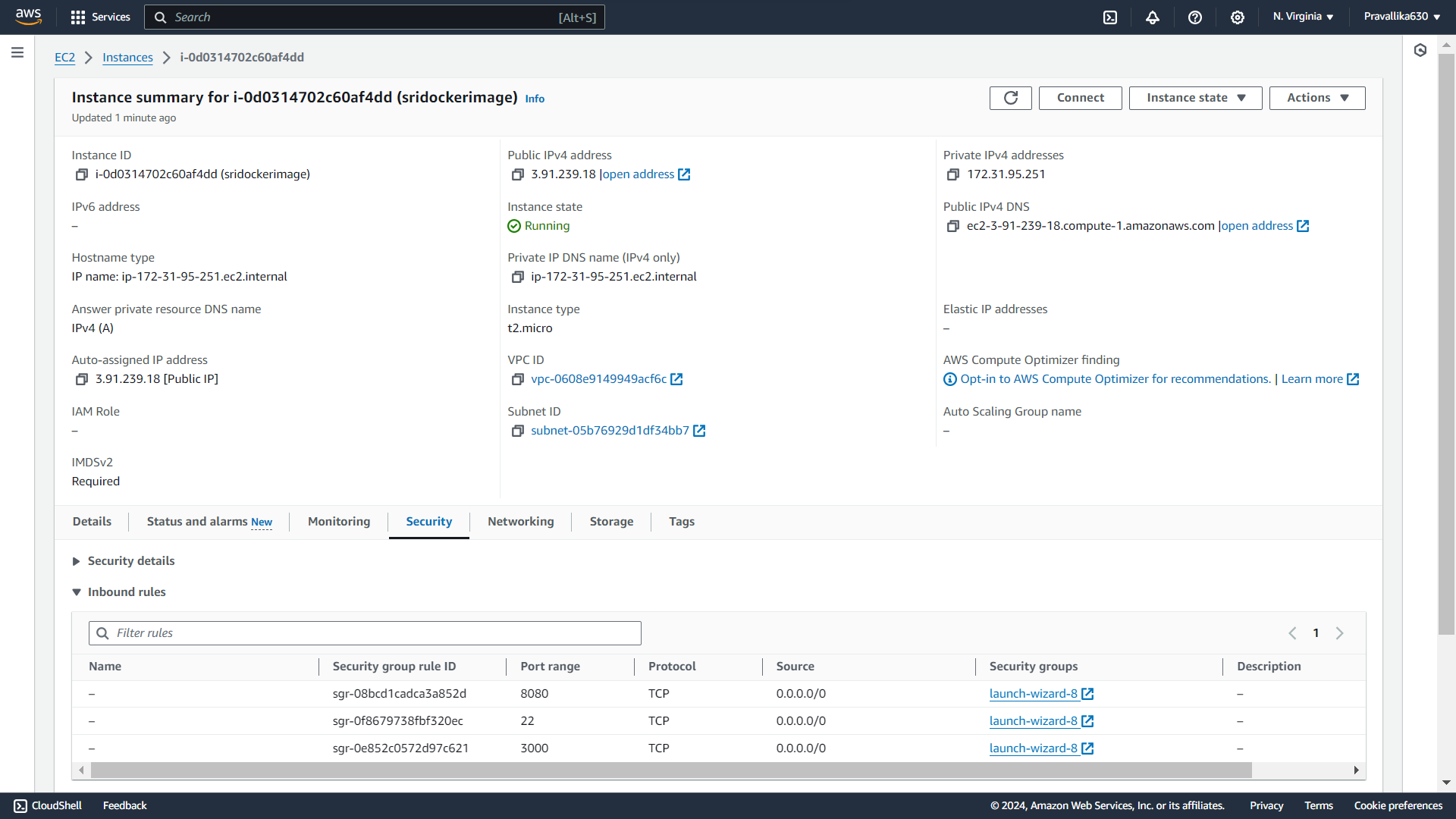
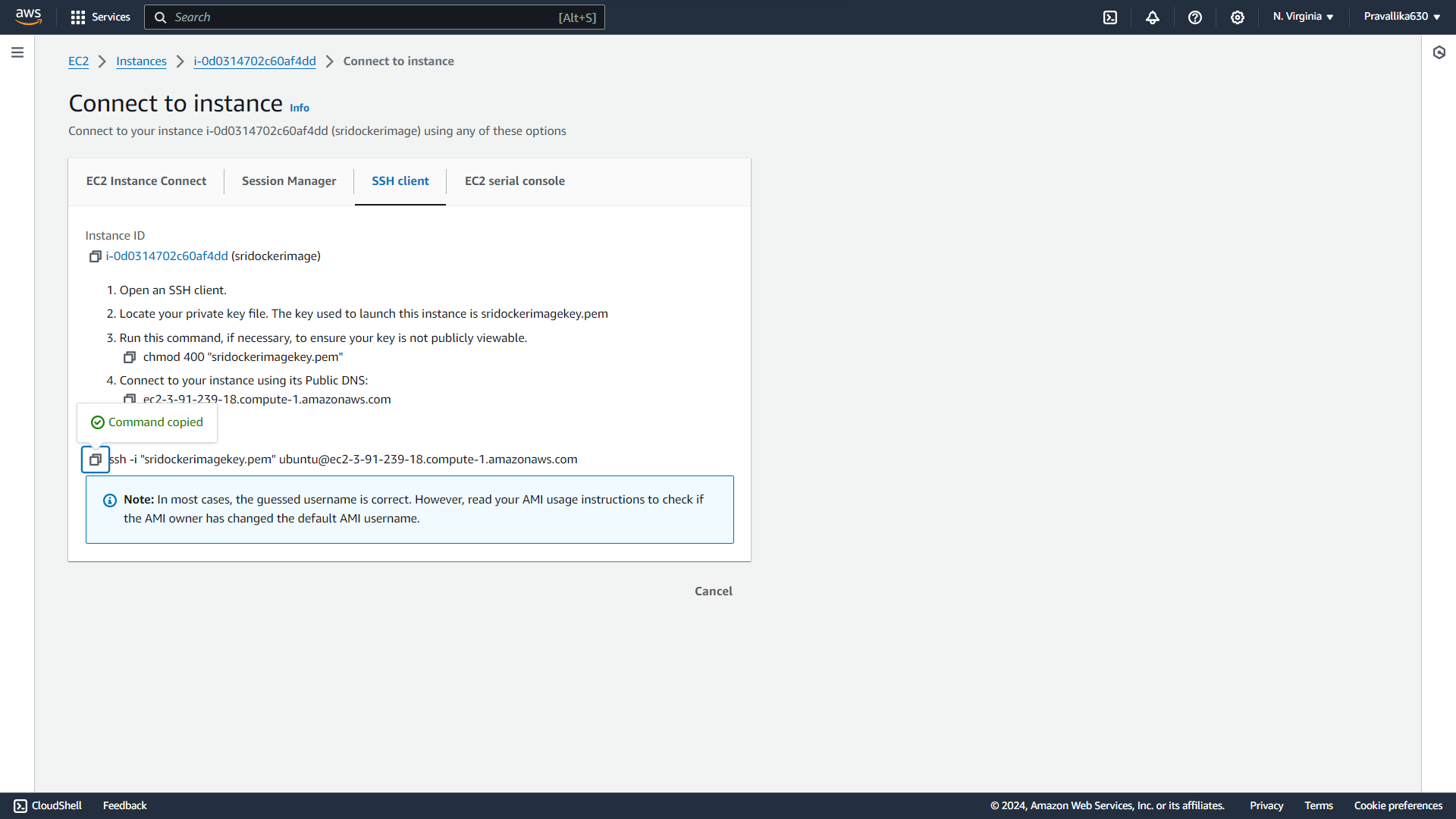
**Create a Docker image and push it to Docker hub using CI-CD.  
Create a Docker file for a sample Node.js application and automate the process of building the Docker image and pushing it to Docker Hub using Jenkins file.**

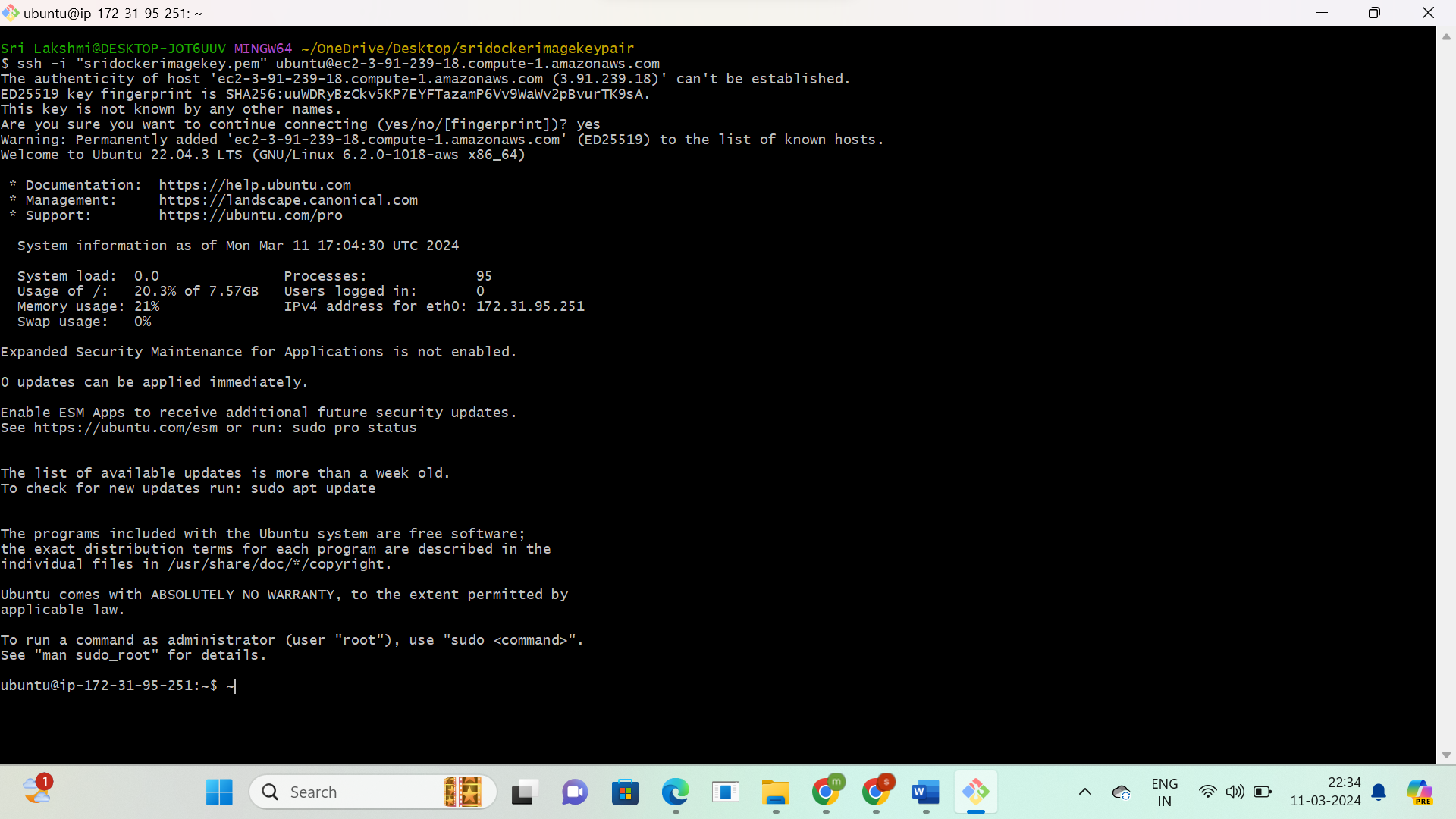
**Login to aws console and create EC2 instance with security inbound ports 8080**

****

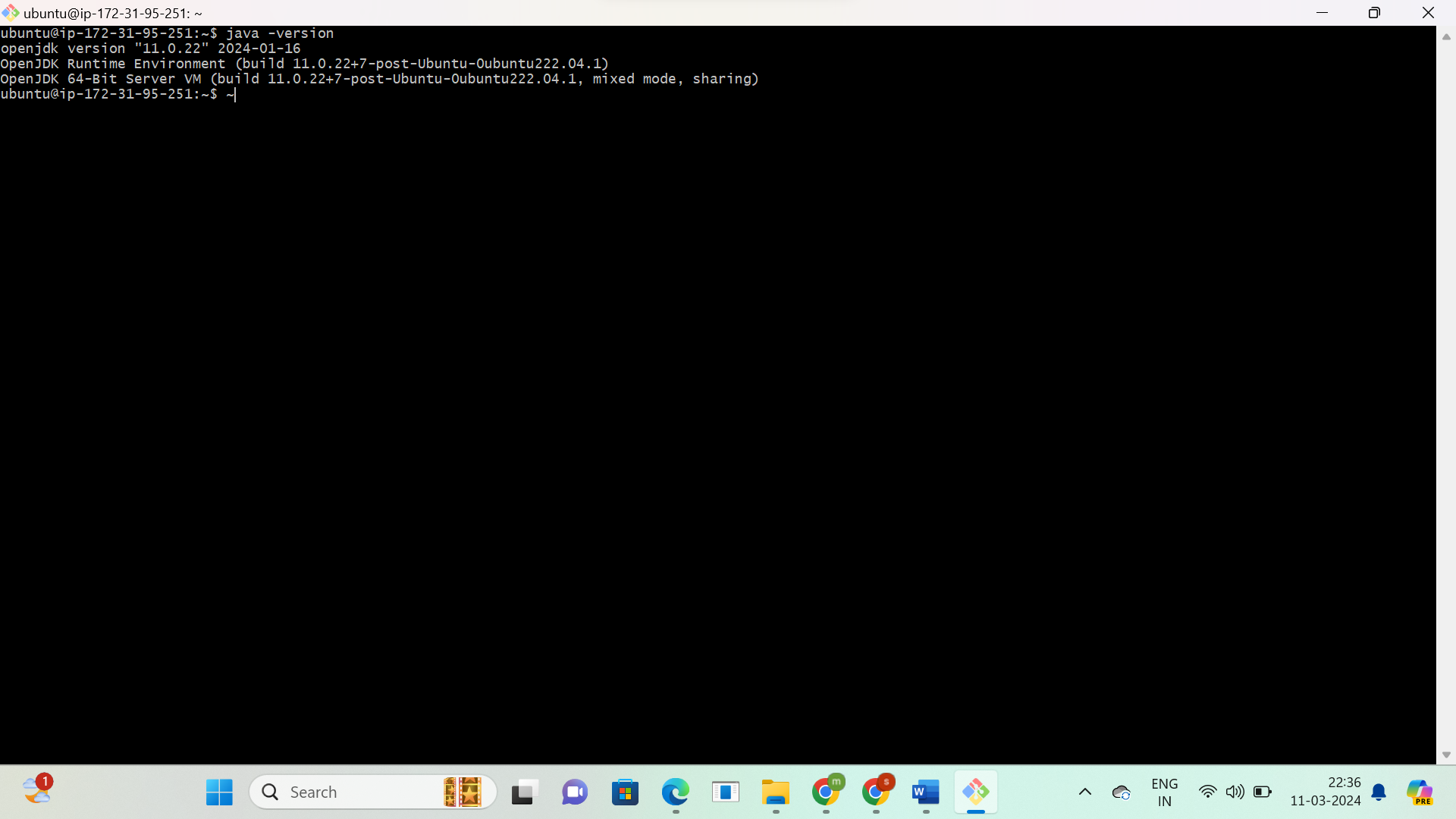
**Copy the ssh command**

****

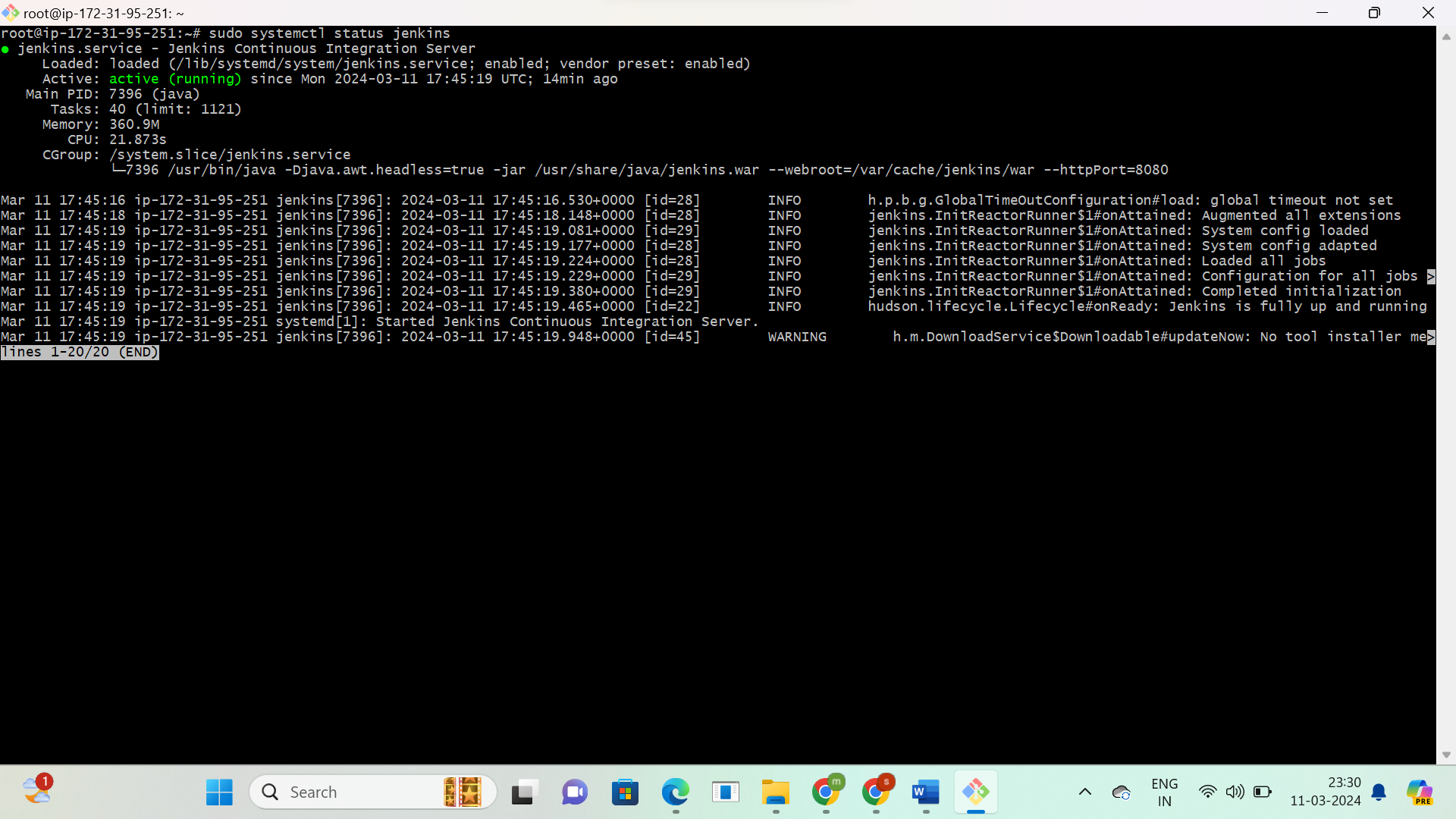
**Git bash the downloaded key pair with ssh command**

****

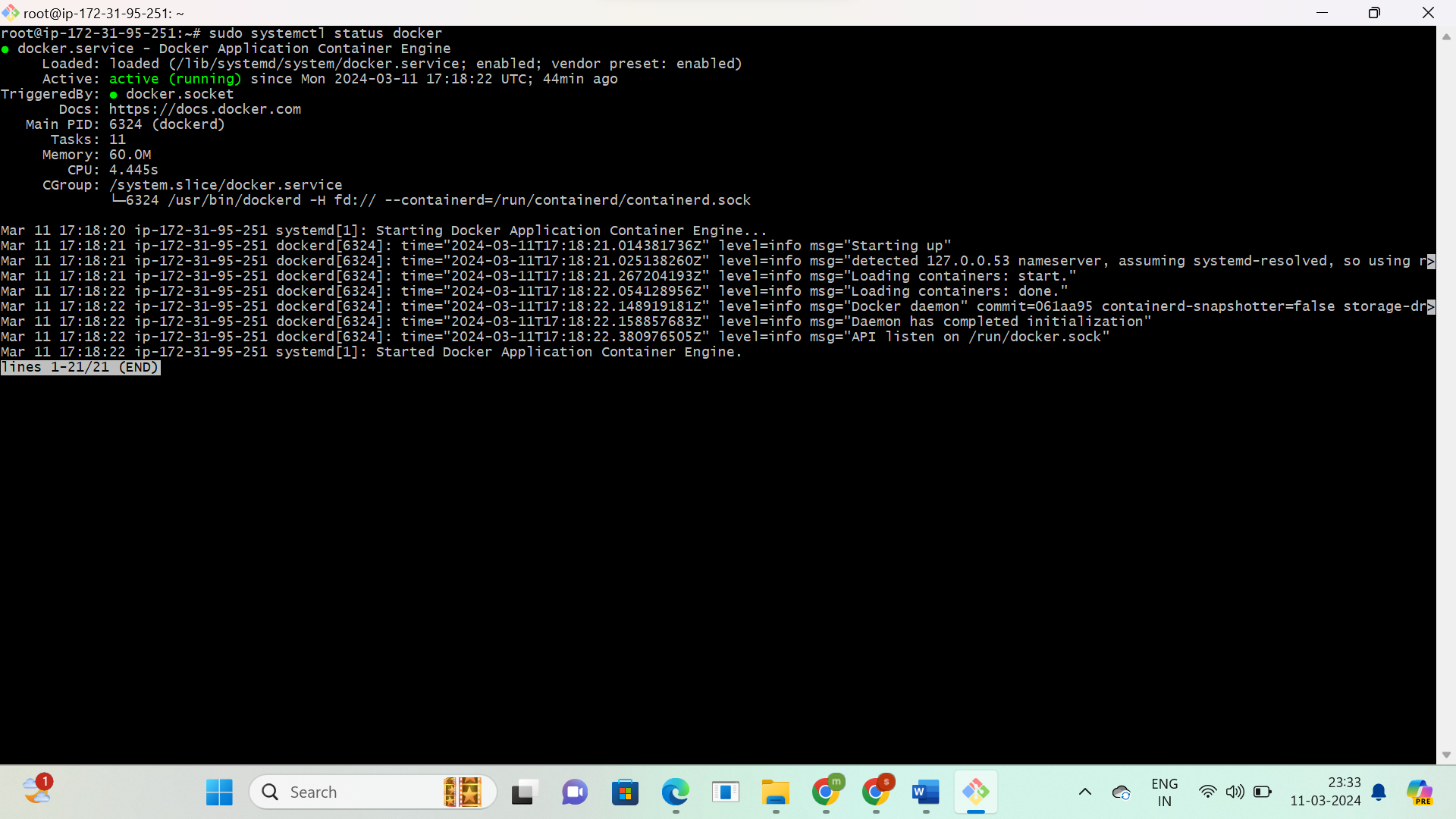
**Install java**

****

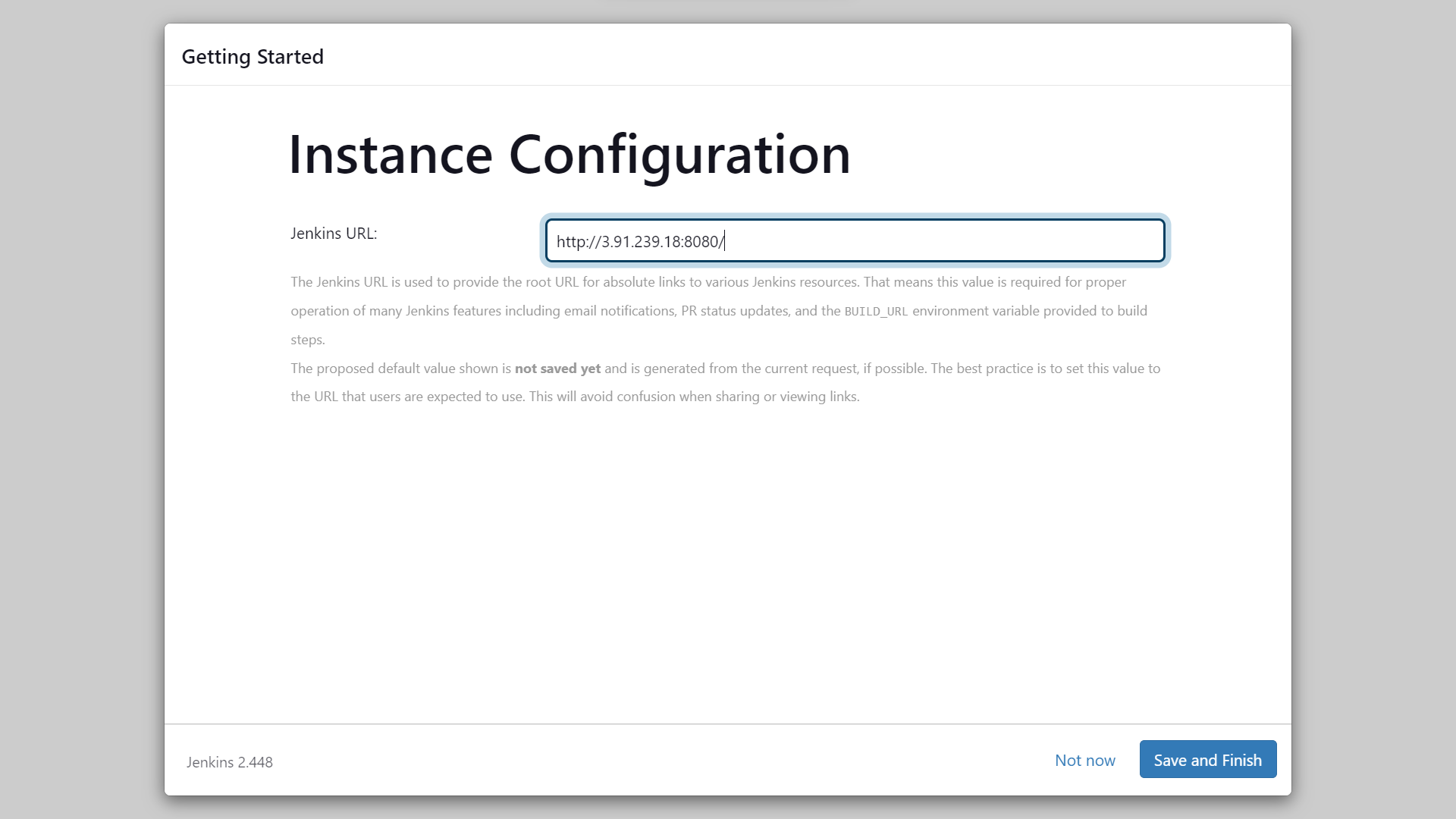
**Install jenkins**

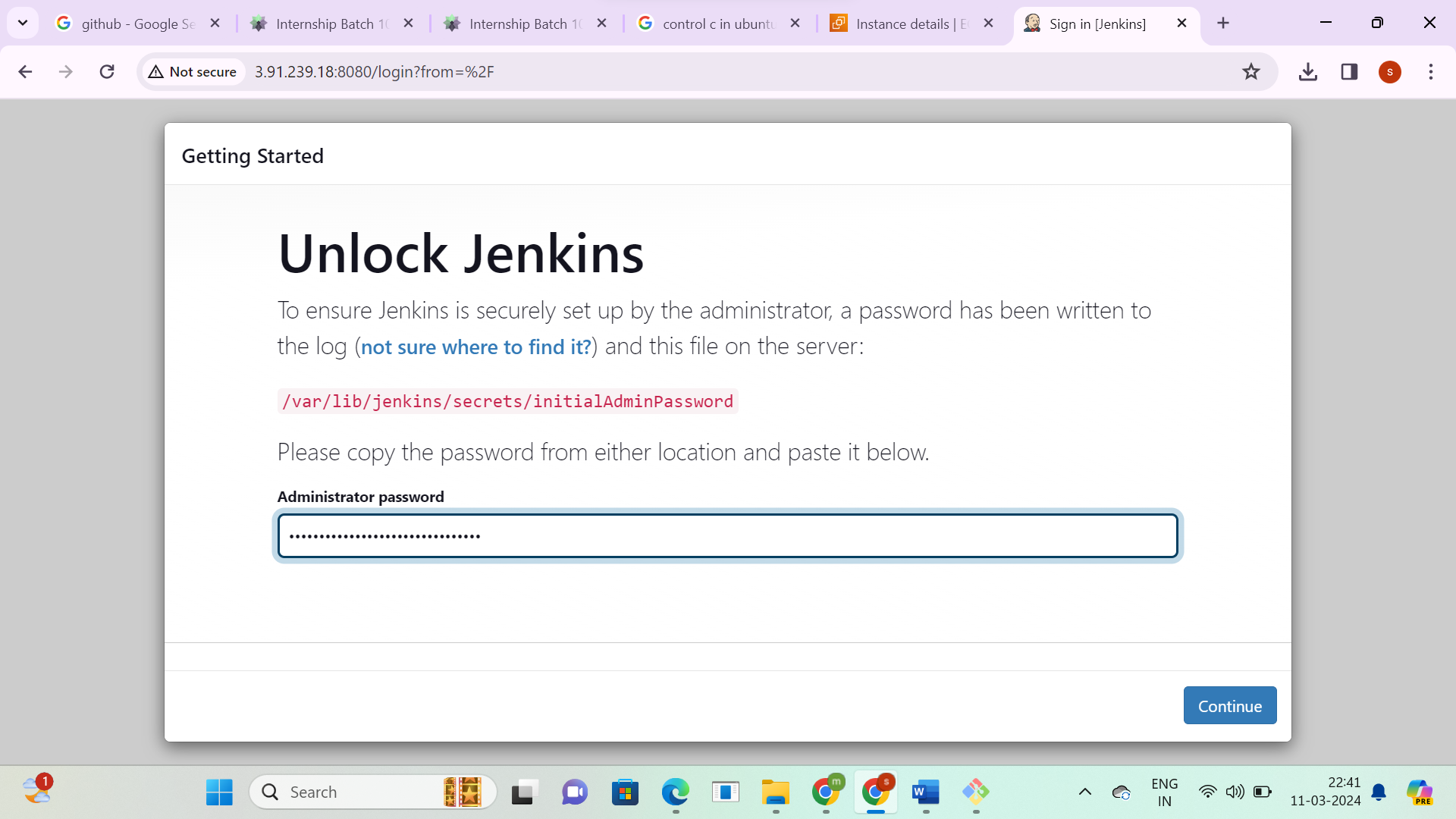
****

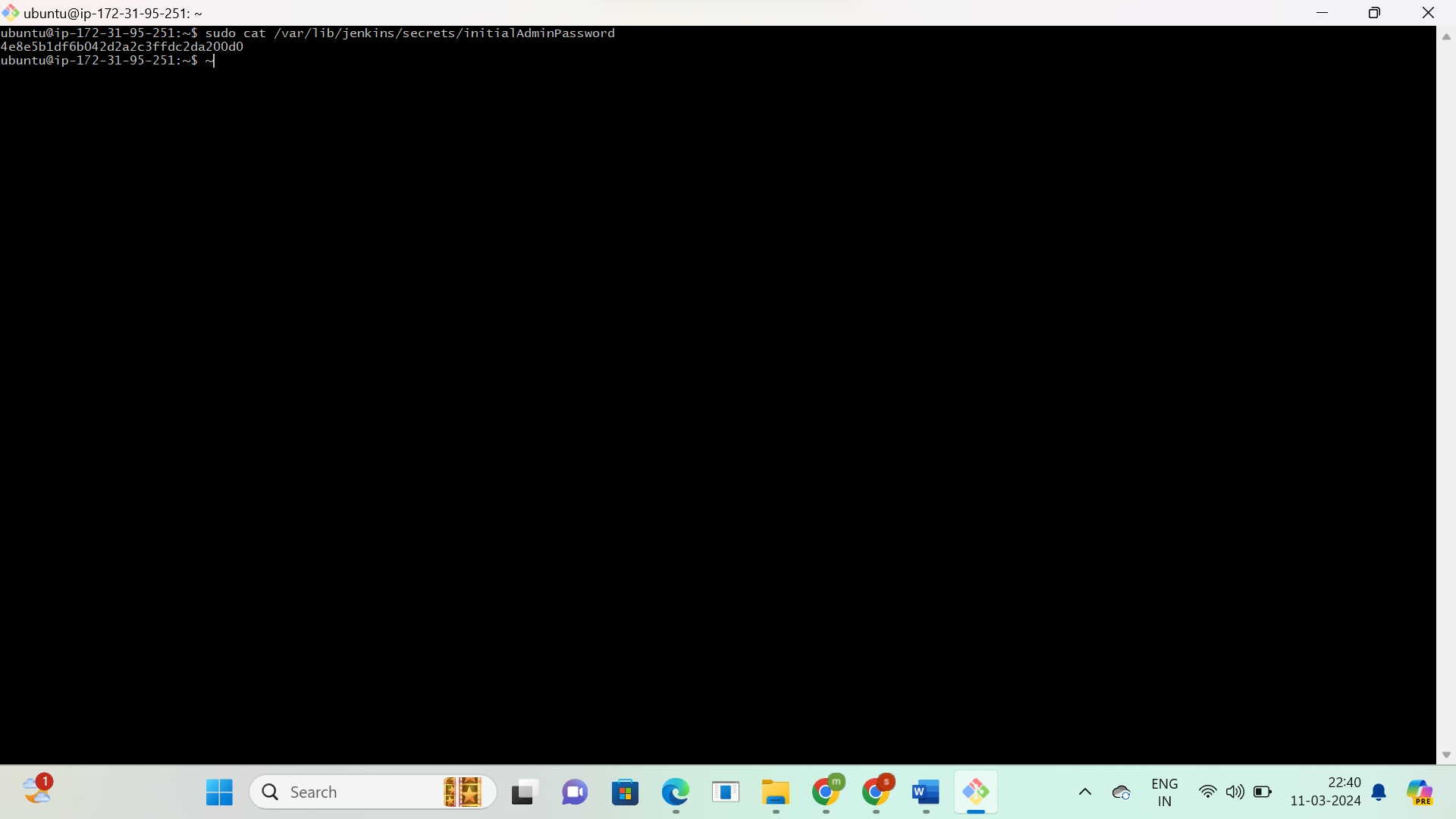
**Install docker**

****

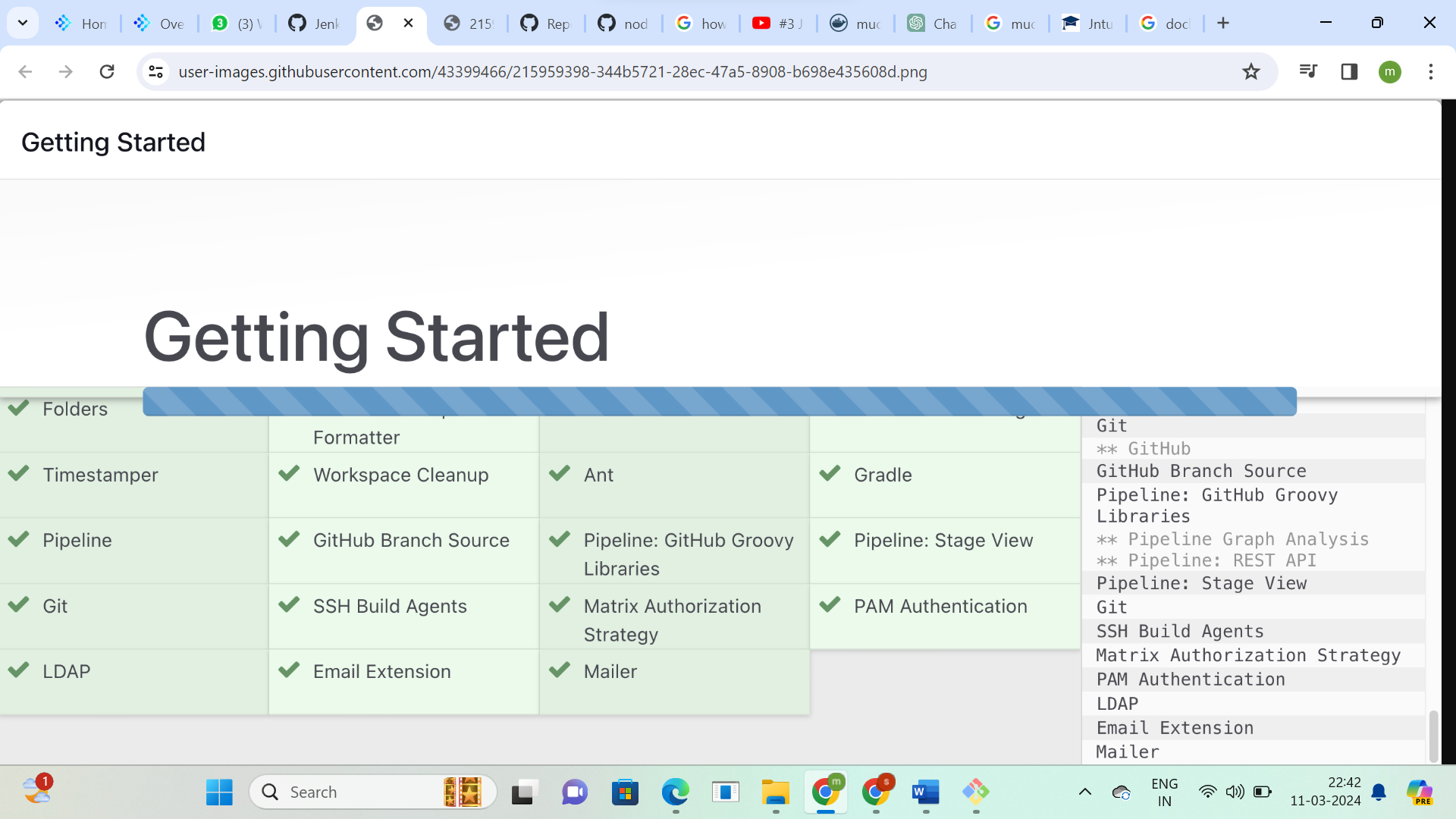
**Unlock the Jenkins server with public IP address:8080 port**

****

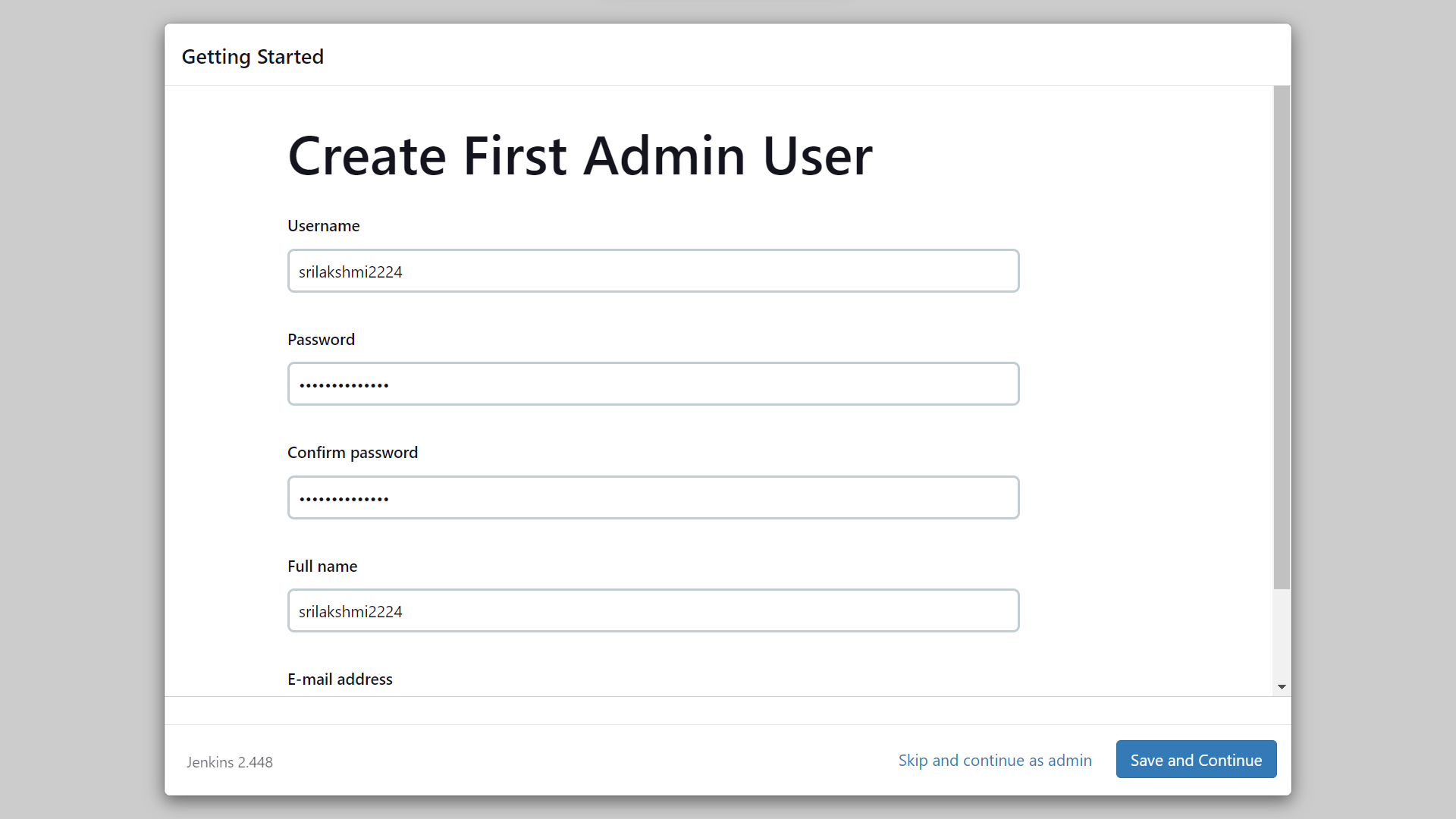
****

****

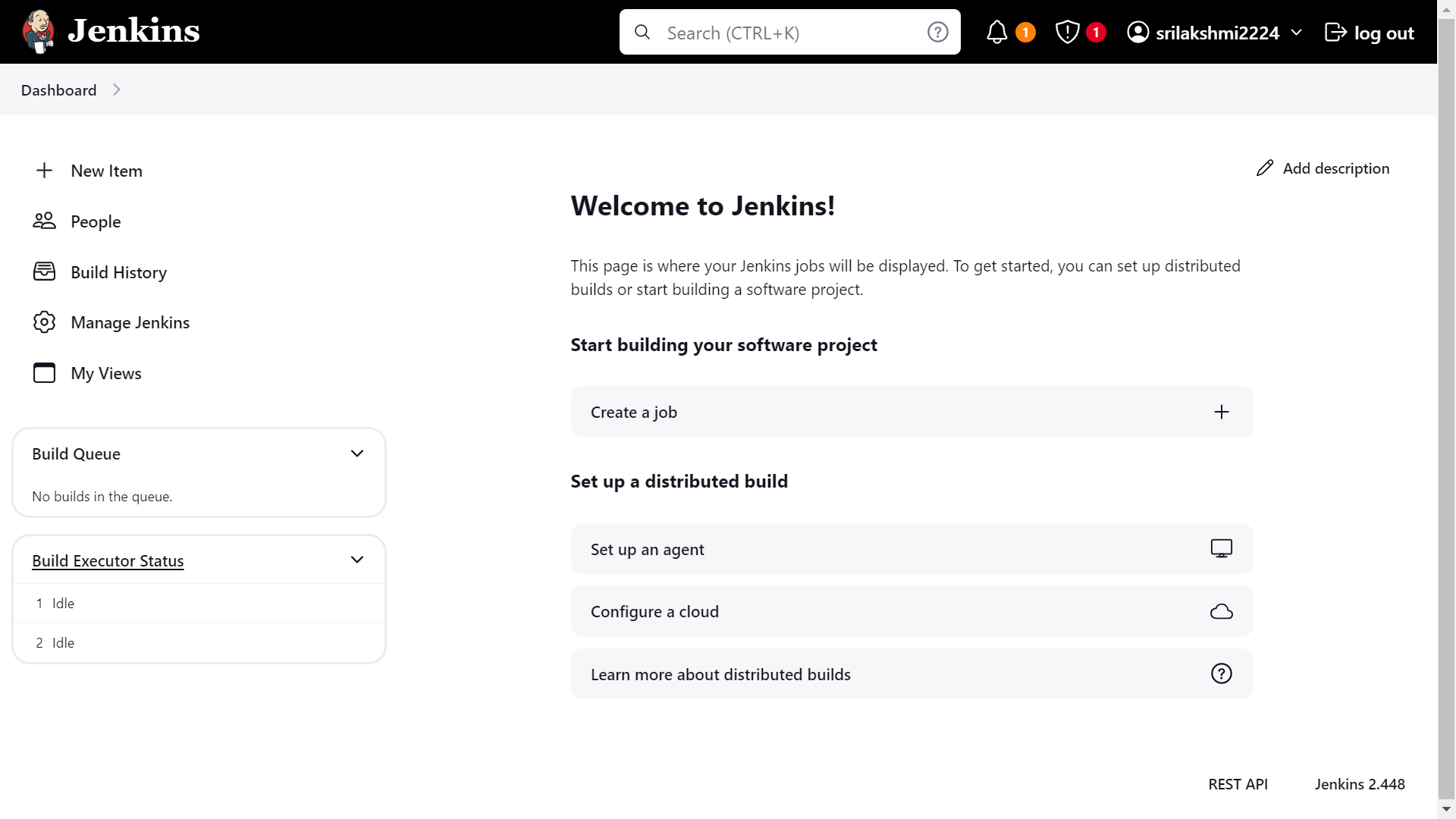
**Install Jenkins suggested plugins**

****

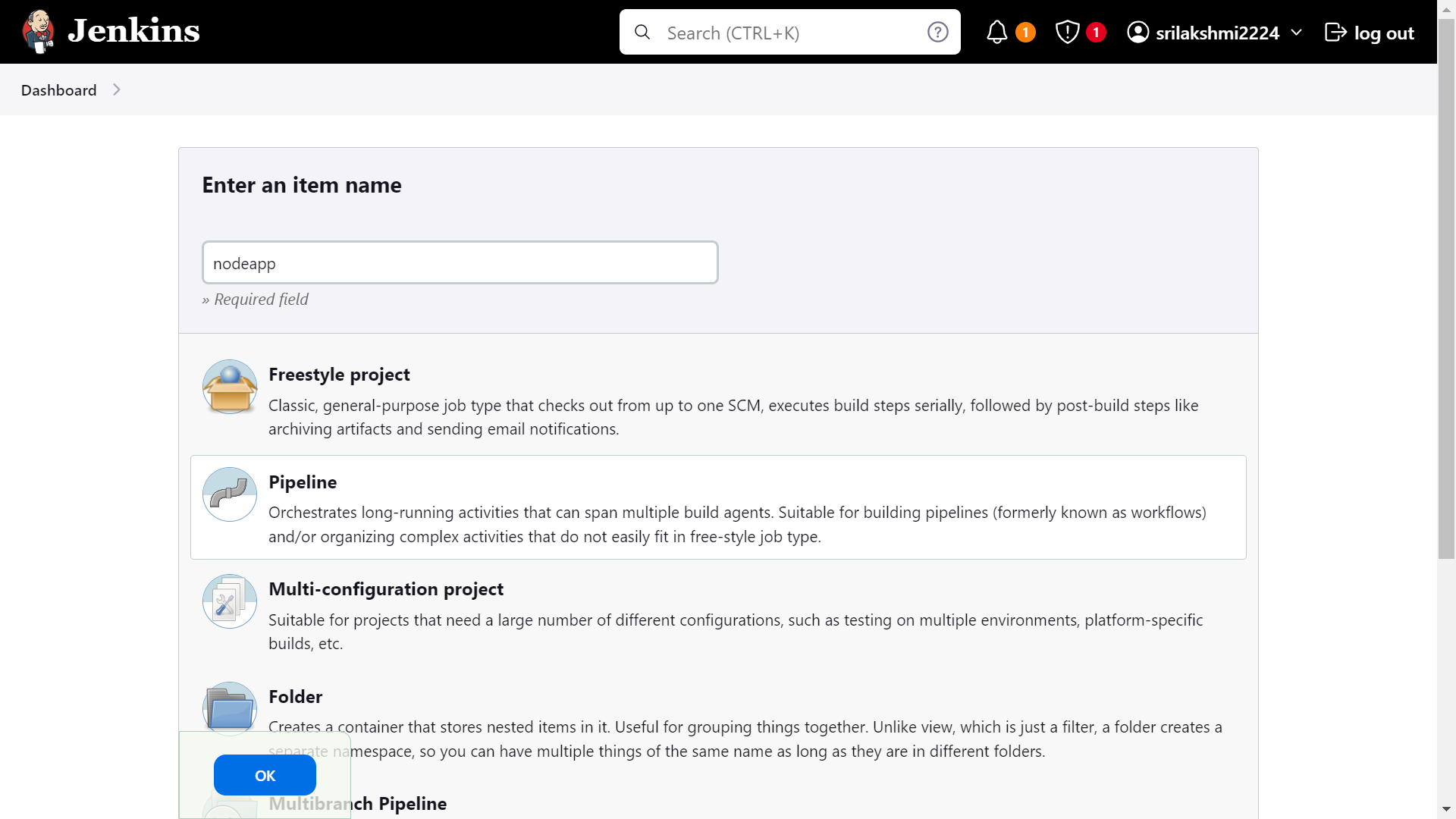
**Create Jenkins credentials and login to the Jenkins server**

****

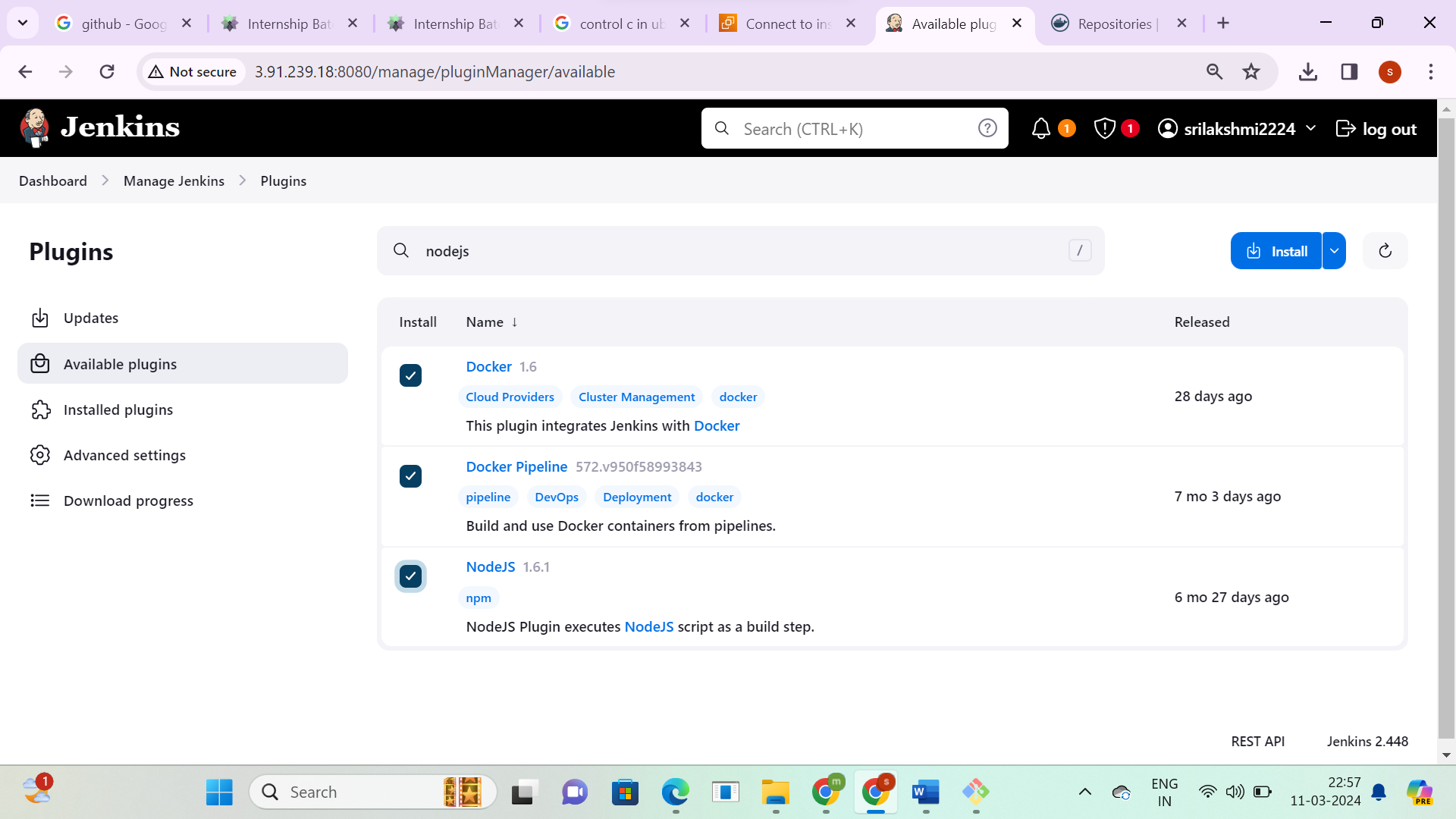
**This is the Jenkins dashboard now go to create job**

****

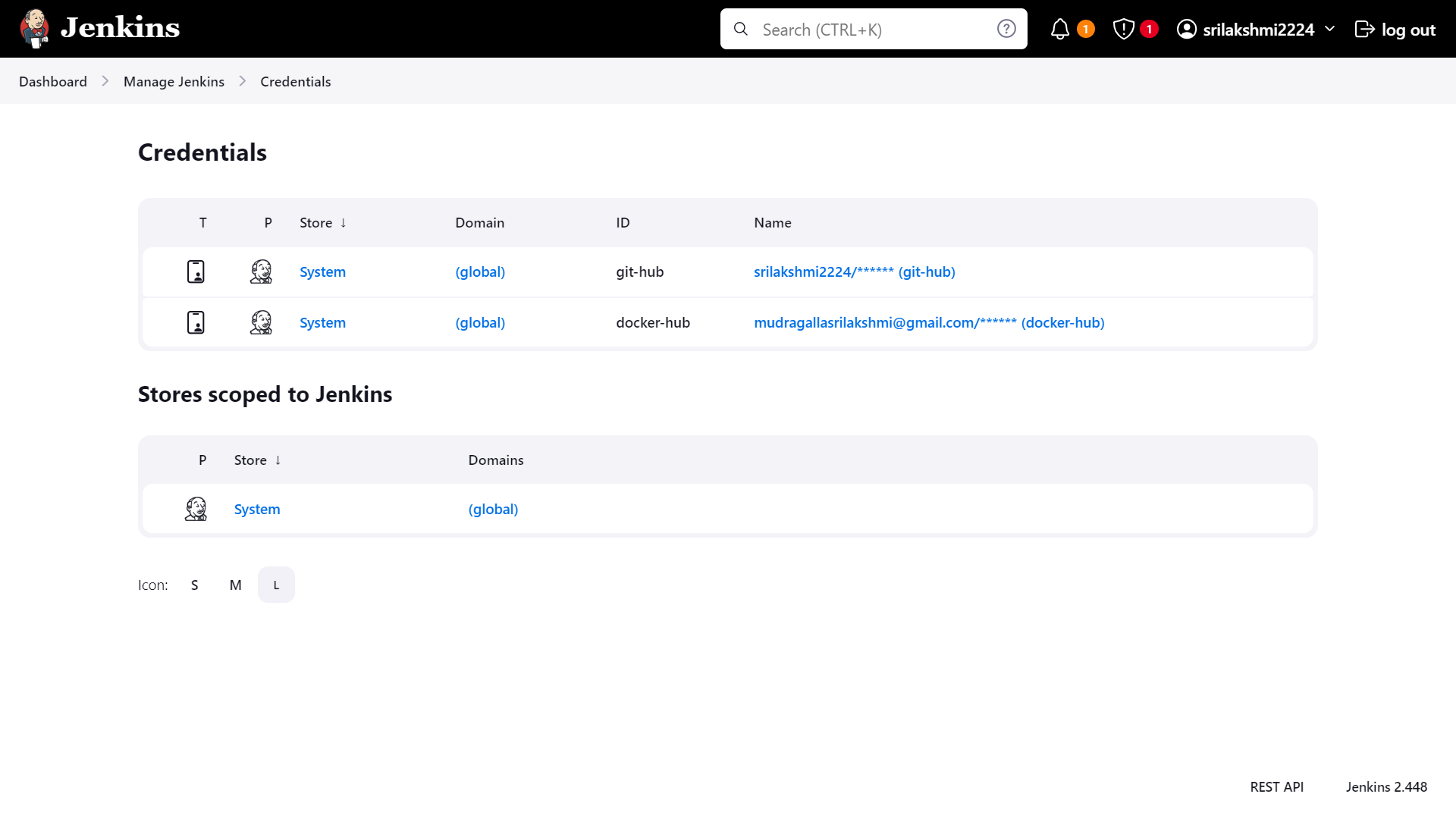
**Enter the name and select pipeline**

****

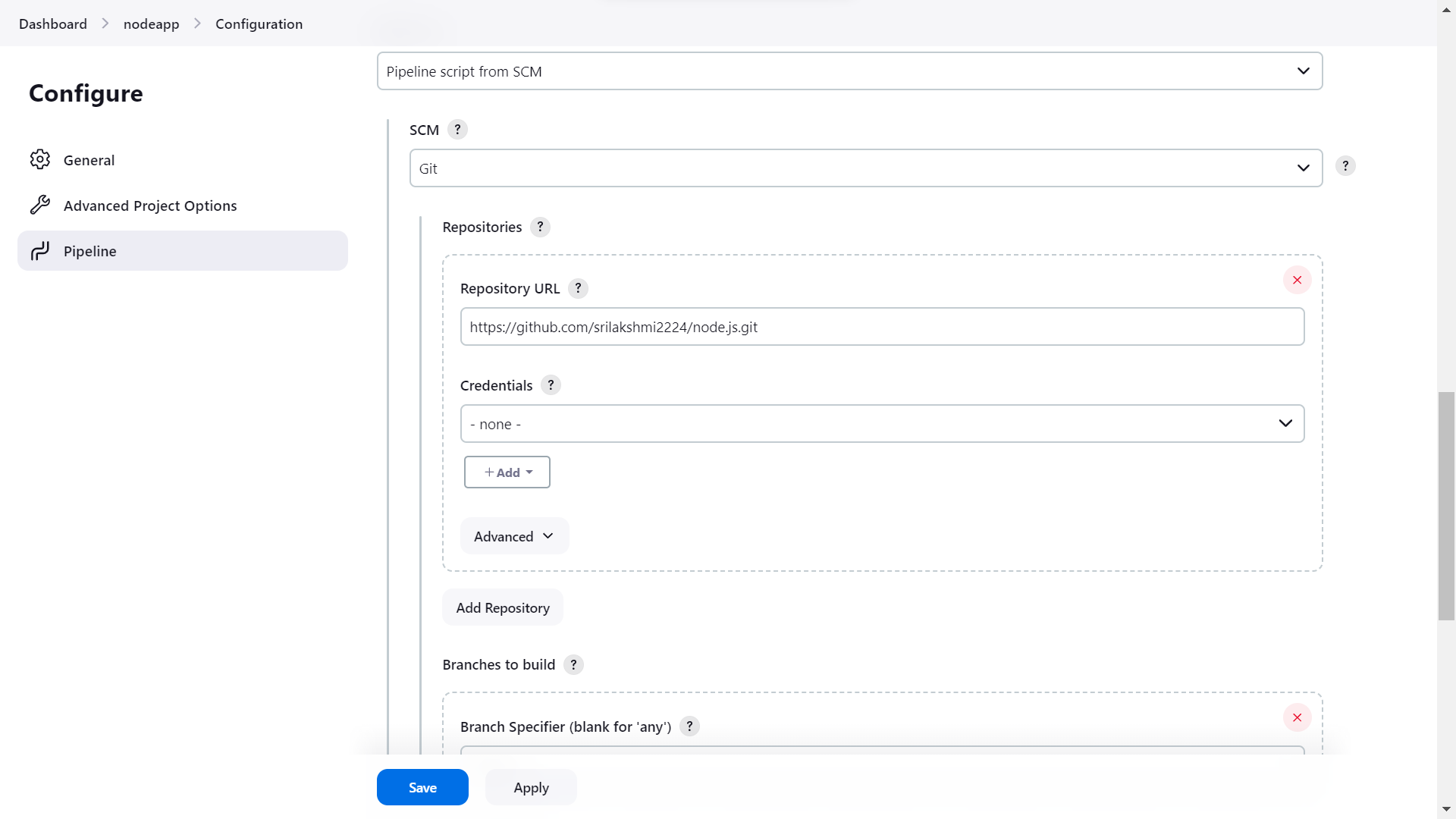
**Install Docker and nodejs plugins**

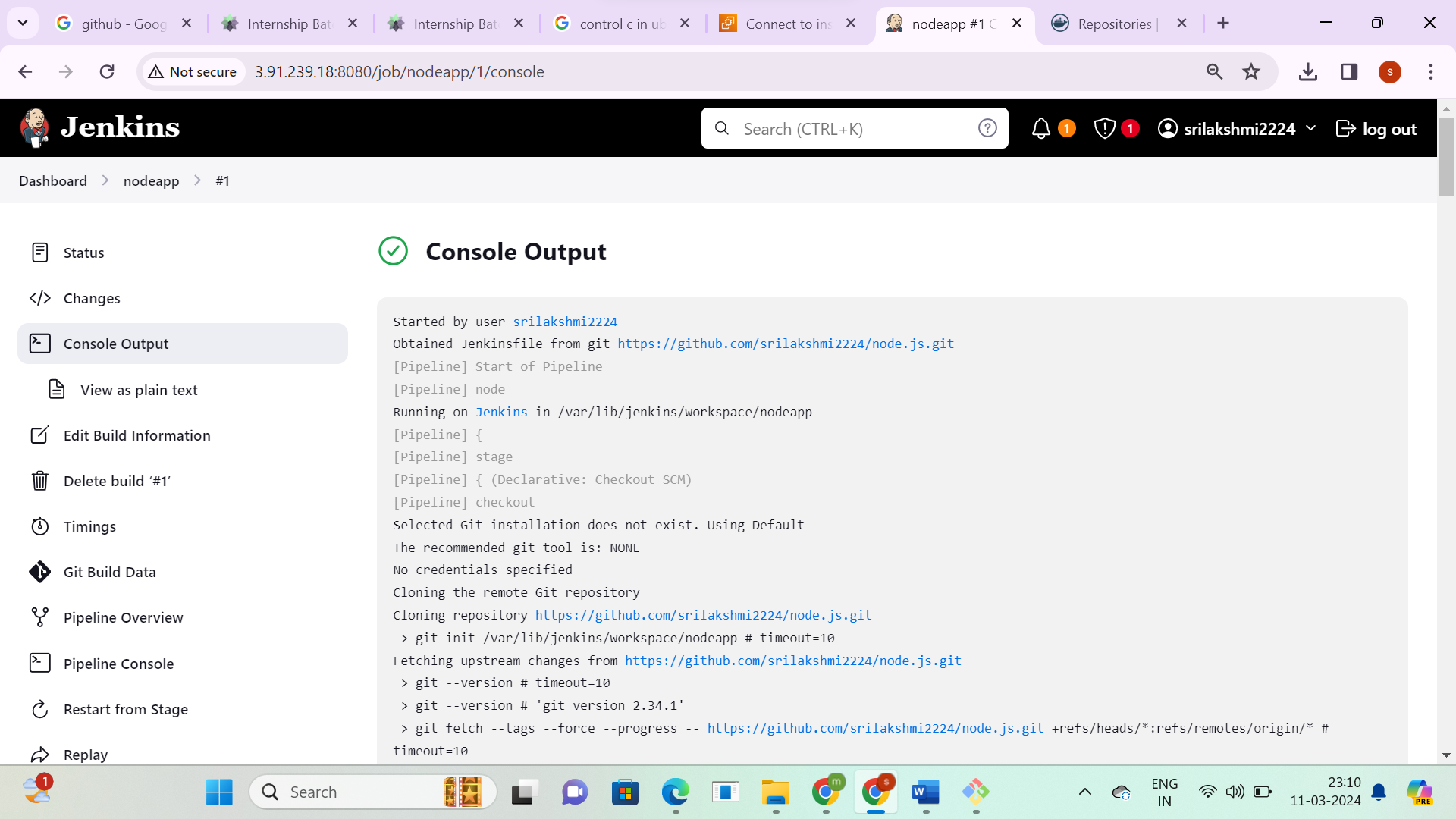
****

**These are the GitHub and Docker hub credentials**

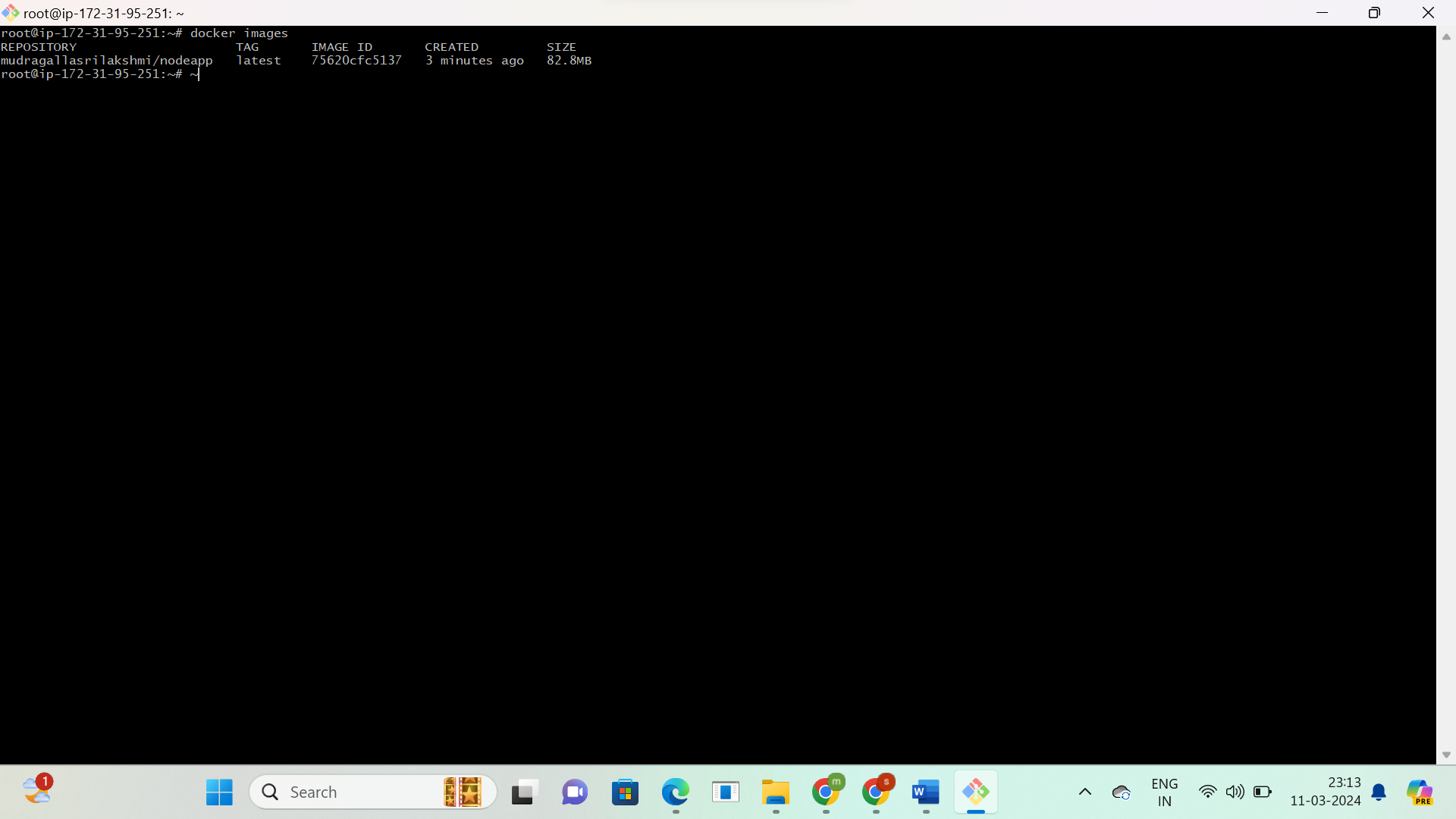
****

**Create Jenkins file, docker file scripts and push it into the GitHub   
Configure nodepipeline using the GitHub url, credentials and then click on build**

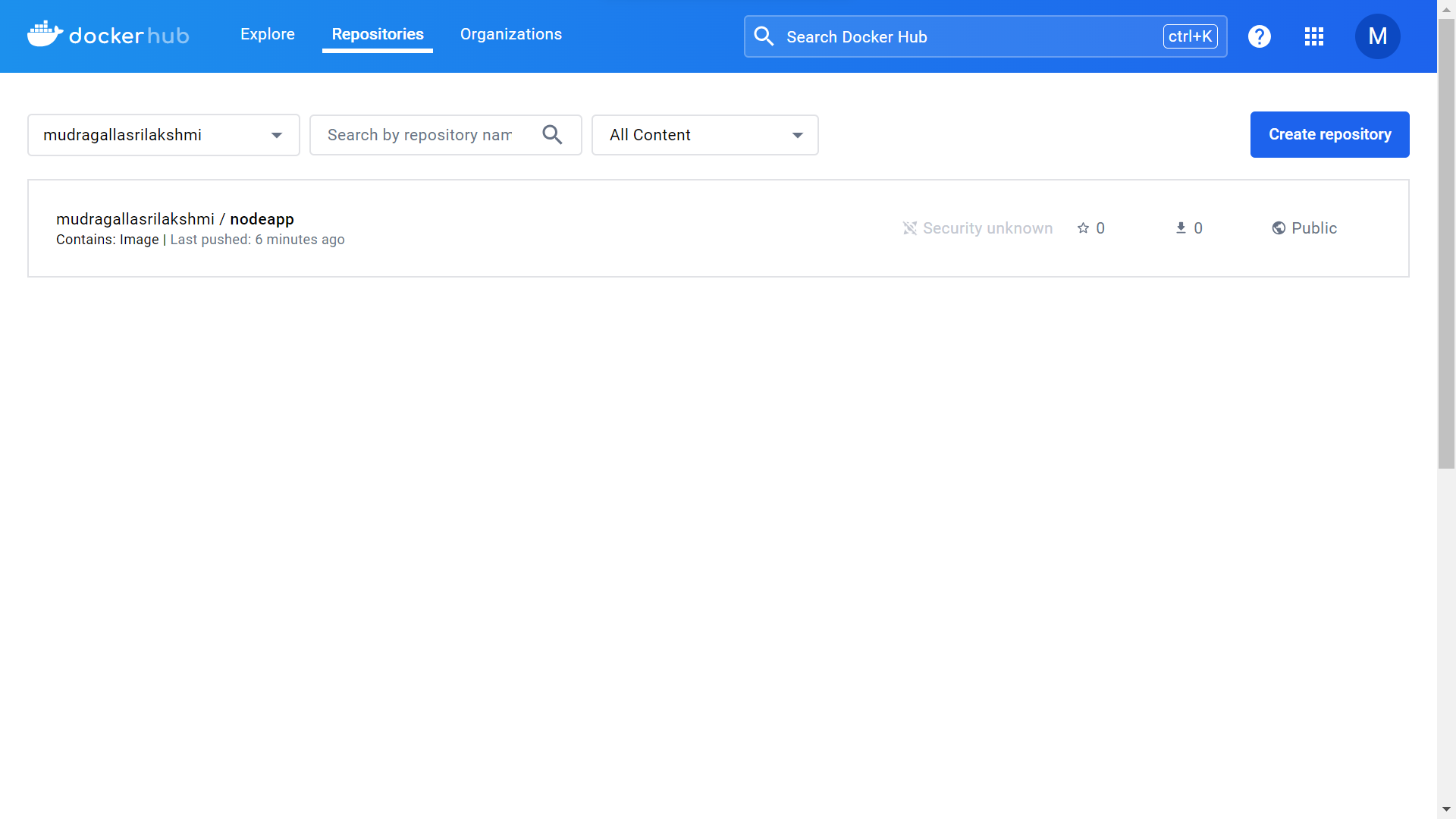
**  
The code was built successful**

****

**This is the created docker image**

****

**Docker image is pushed into the Docker Hub using Jenkins file.**

****