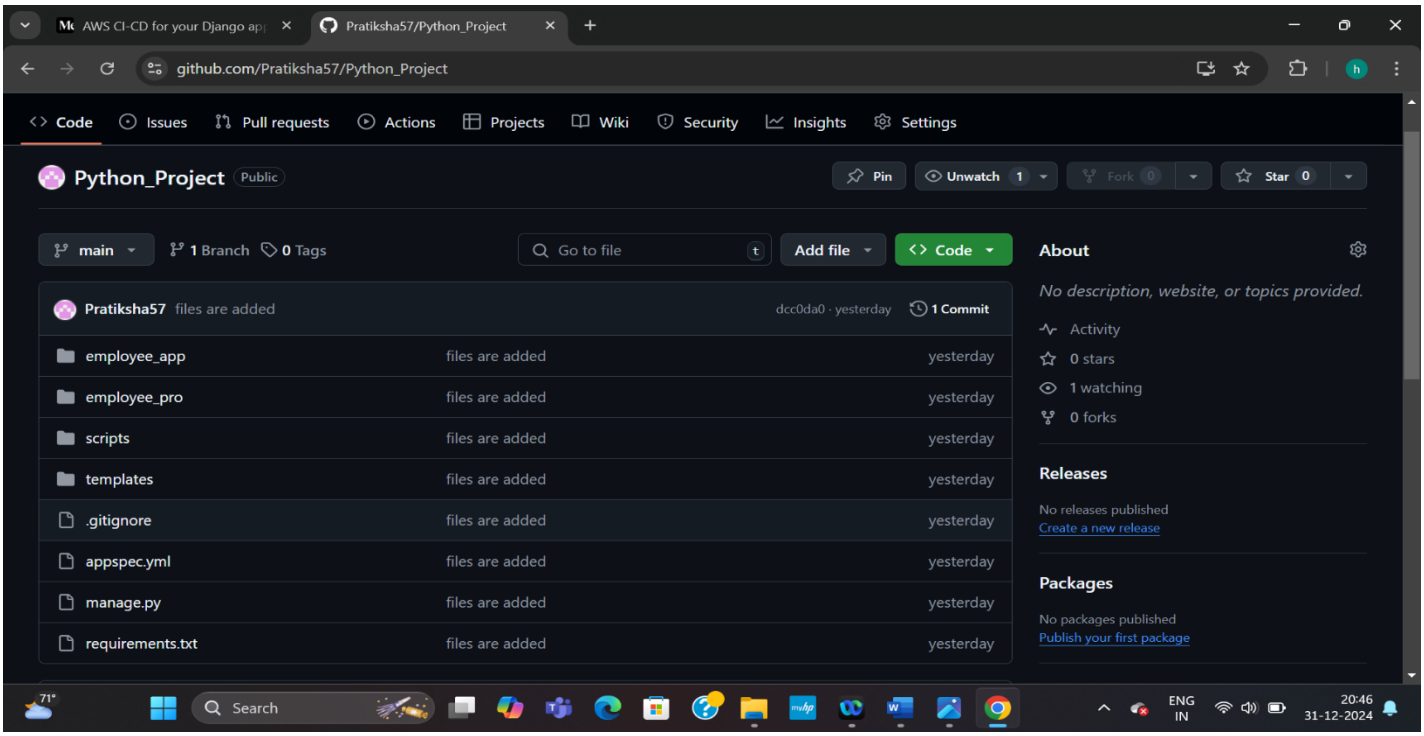
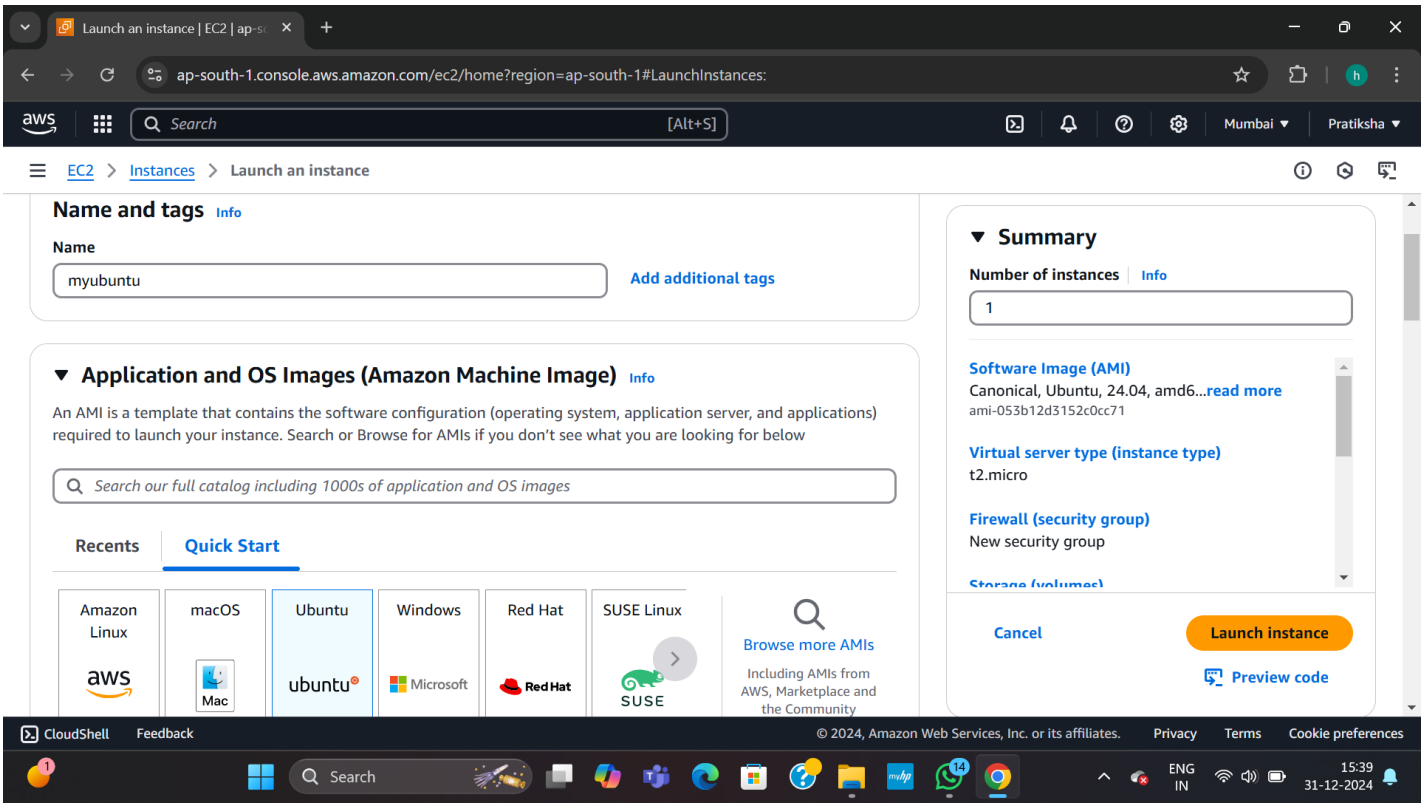
Deploy Django Application using Code Pipeline

Steps

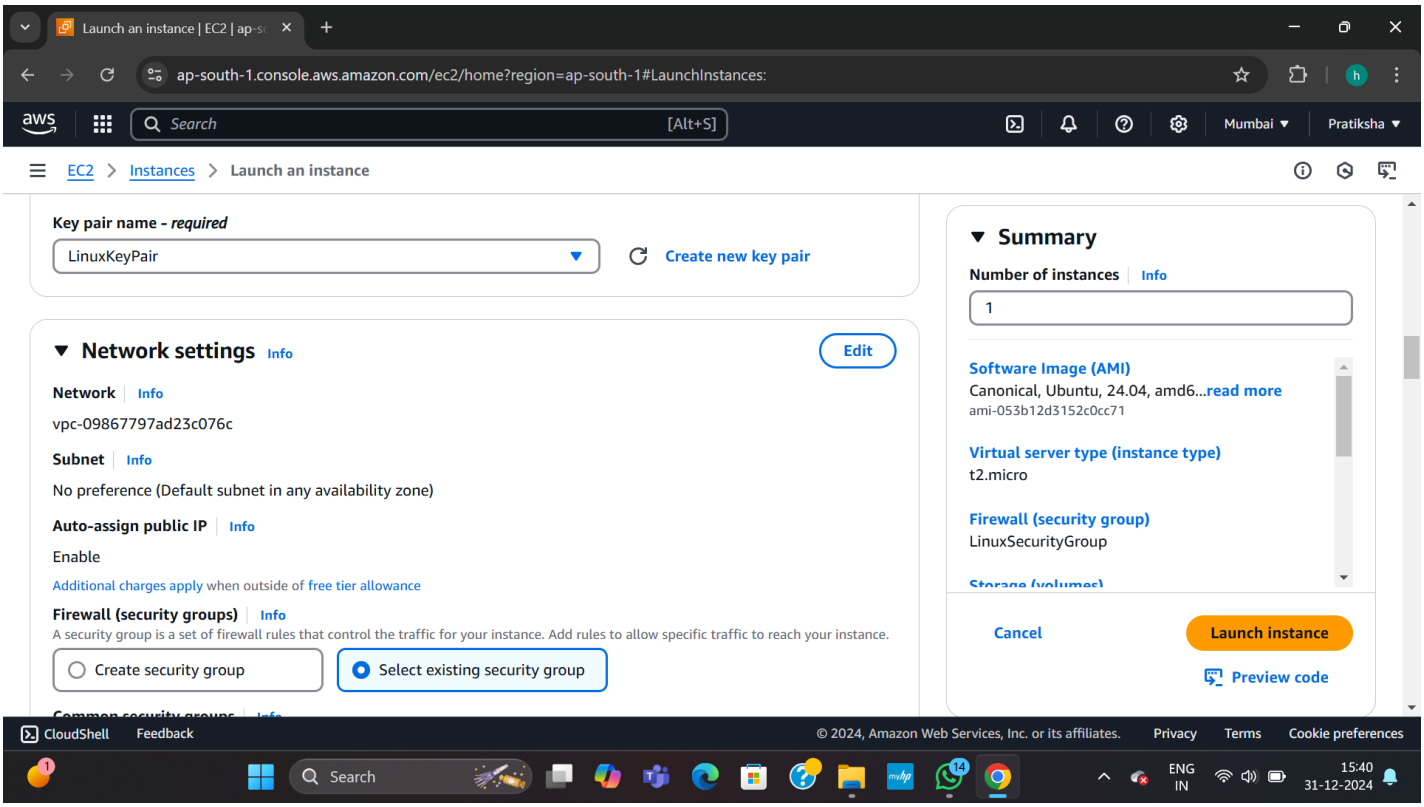
Create a repo on github clone it and paste Django project in that.



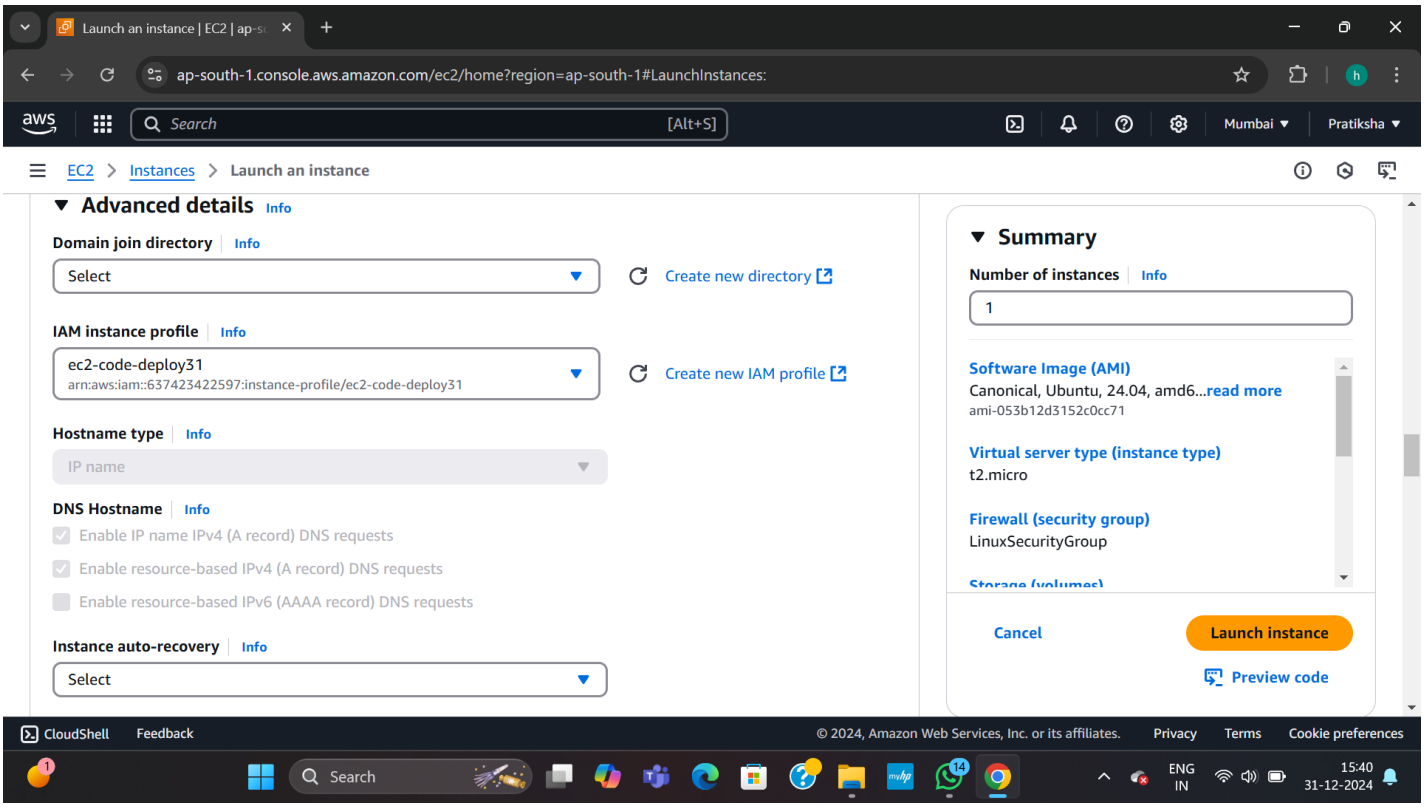
--> Launch Ubuntoo instance



--> use Linux key pair and Linux security group

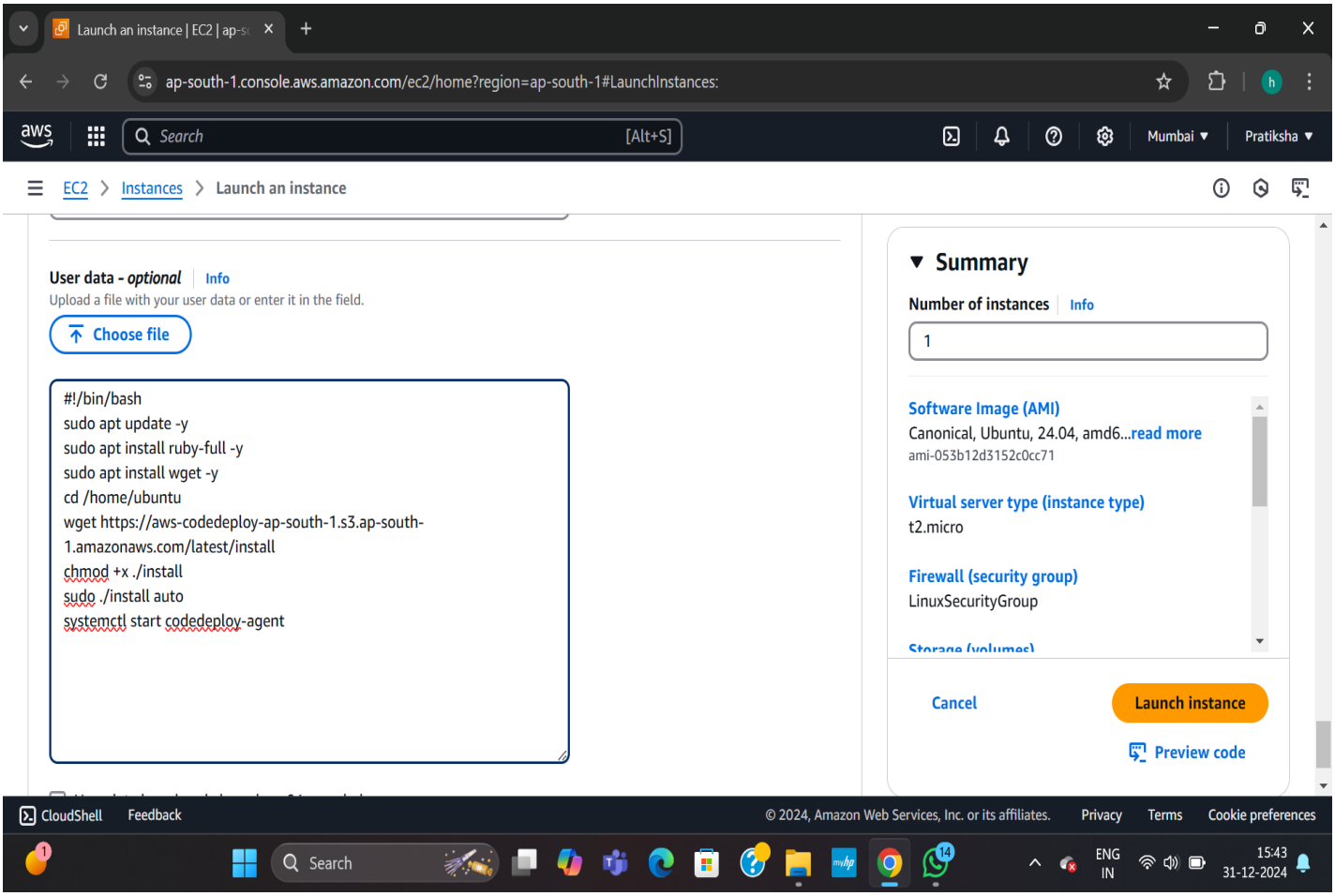


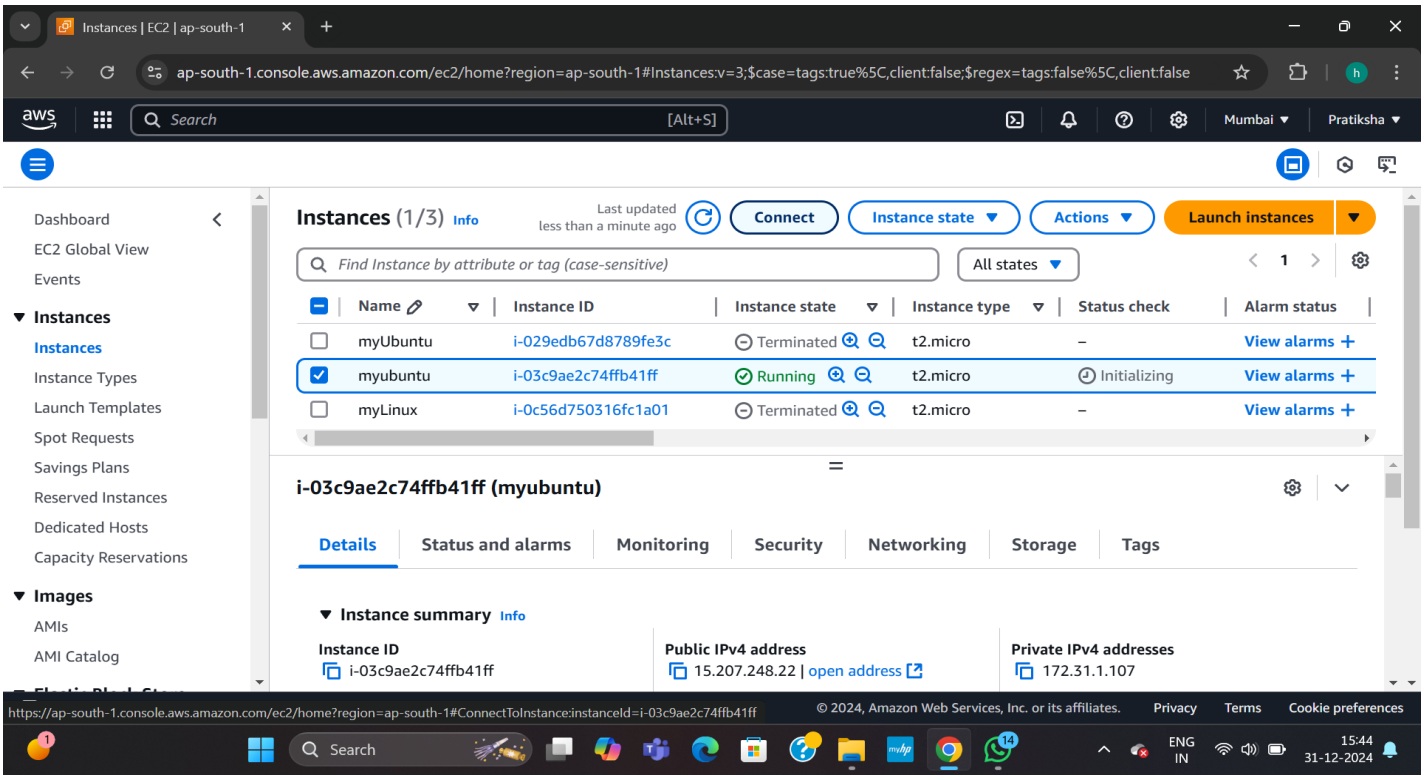
--> go in advanced details at the bottom-> under IAM instance profile select ece-to-codedeploy role



--> scroll at bottom--> write script in that

```
#!/bin/bash
sudo apt update -y
sudo apt install ruby-full -y
sudo apt install wget -y
cd /home/ubuntu
wget https://aws-codedeploy-ap-south-1.s3.ap-south-1.amazonaws.com/latest/install
chmod +x ./install
sudo ./install auto
systemctl start codedeploy-agent
```





--> connect the instance

--> open the putty

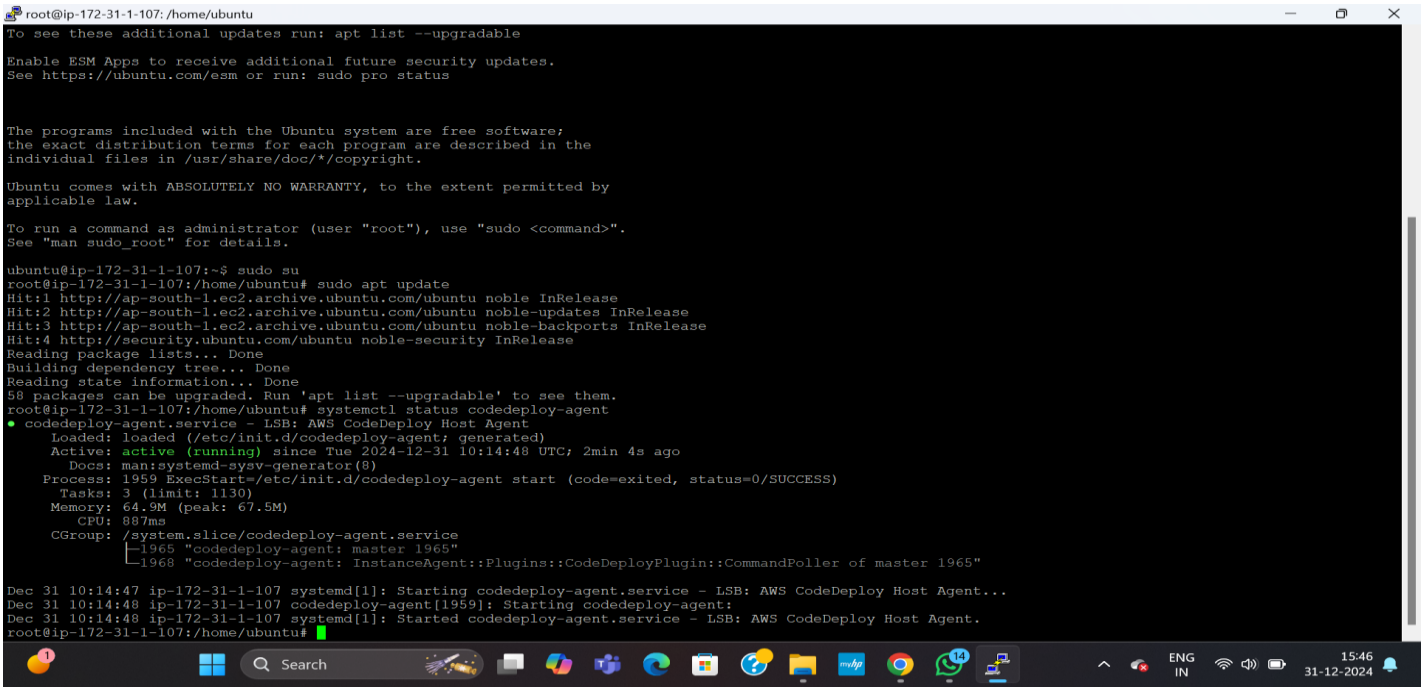
--> connect the instance using putty

--> then type the command

--> sudo su

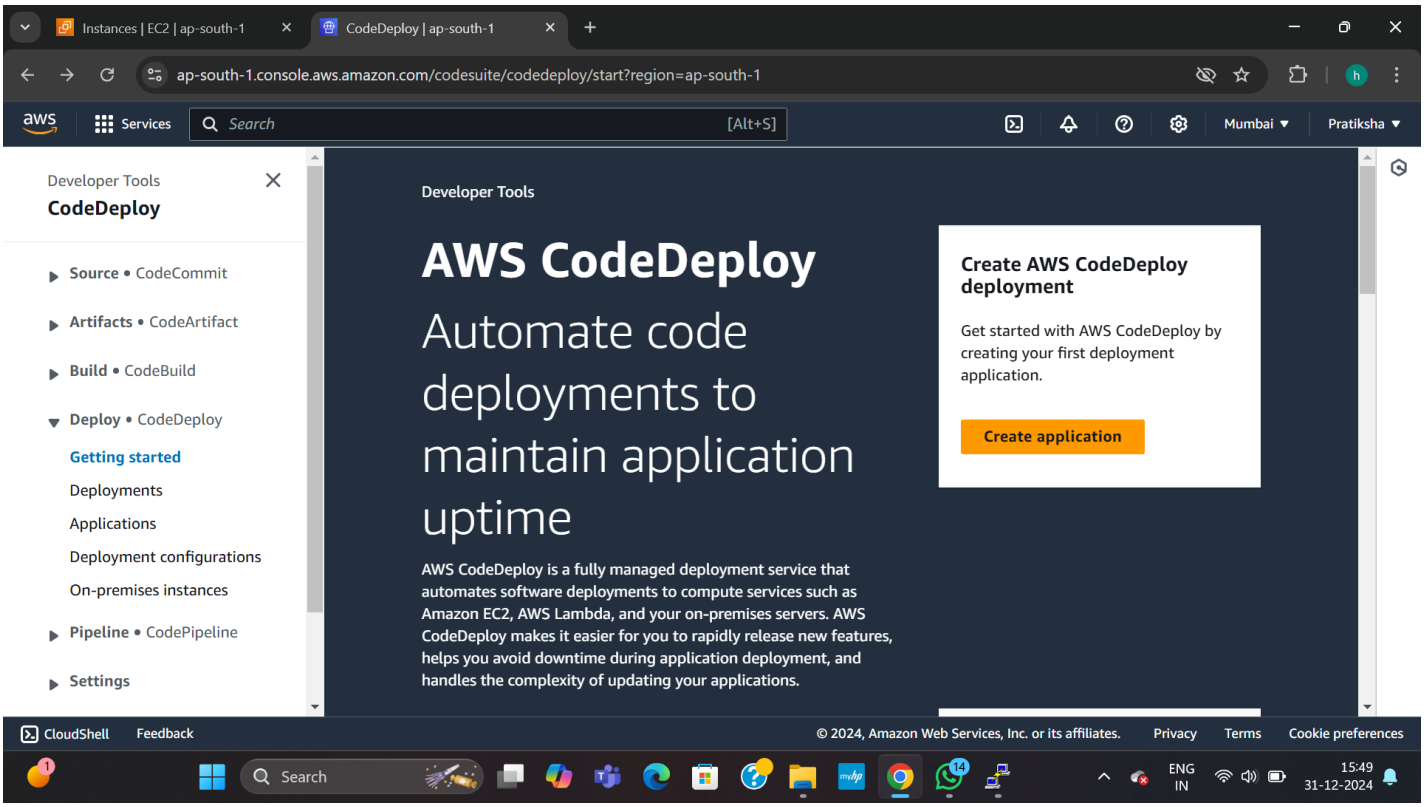
--> sudo apt update

--> check the status using 'systemctl status codedeploy-agent'

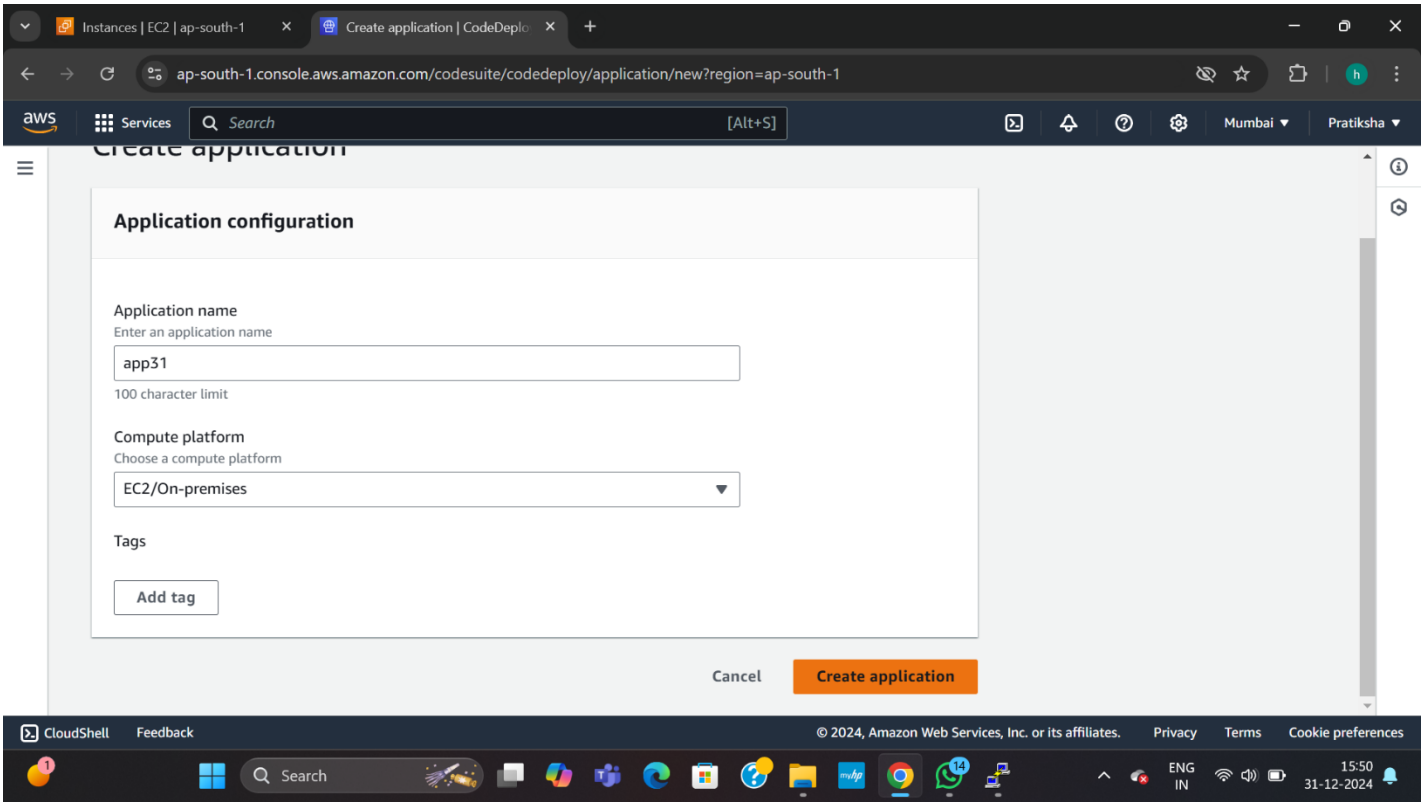


--> next close putty

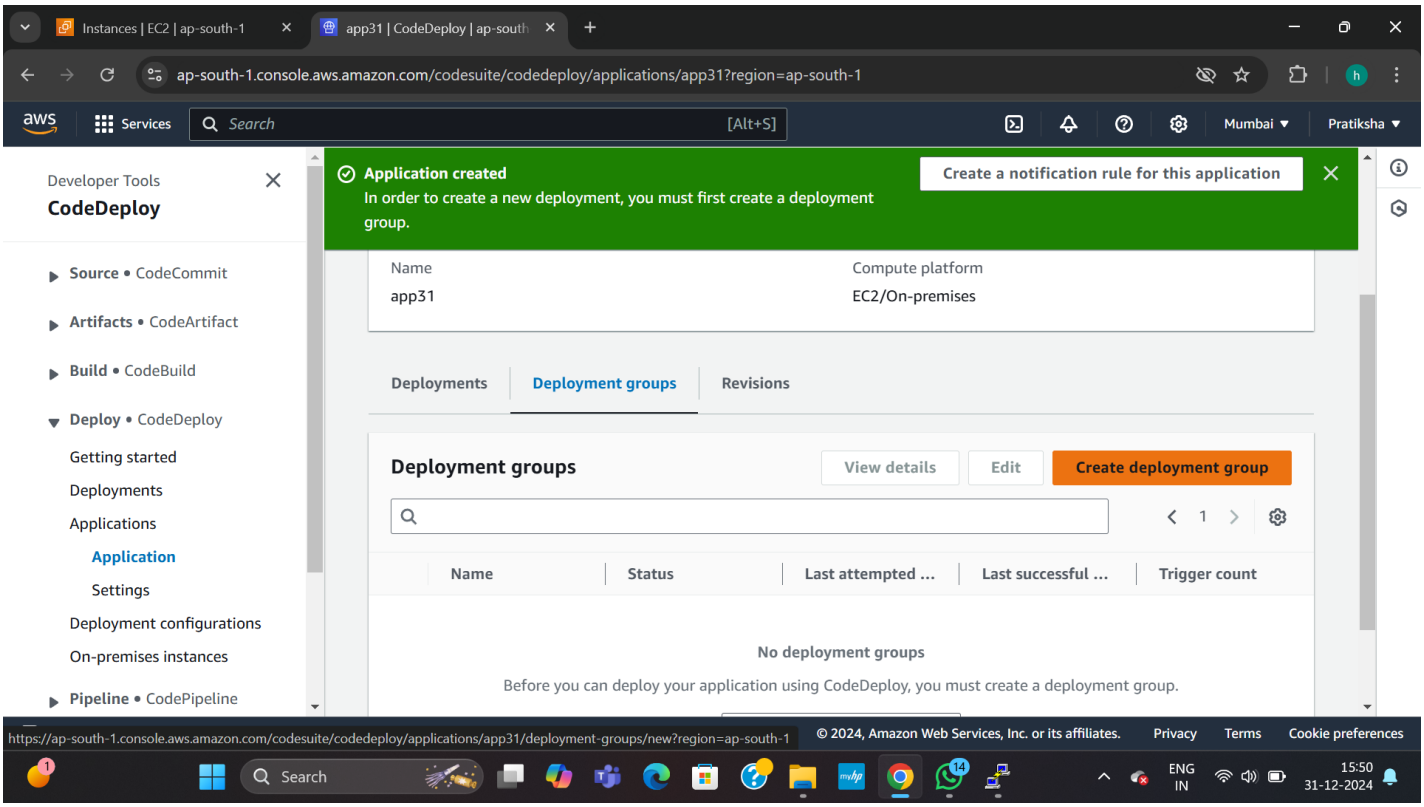
-->Search code deploy in services



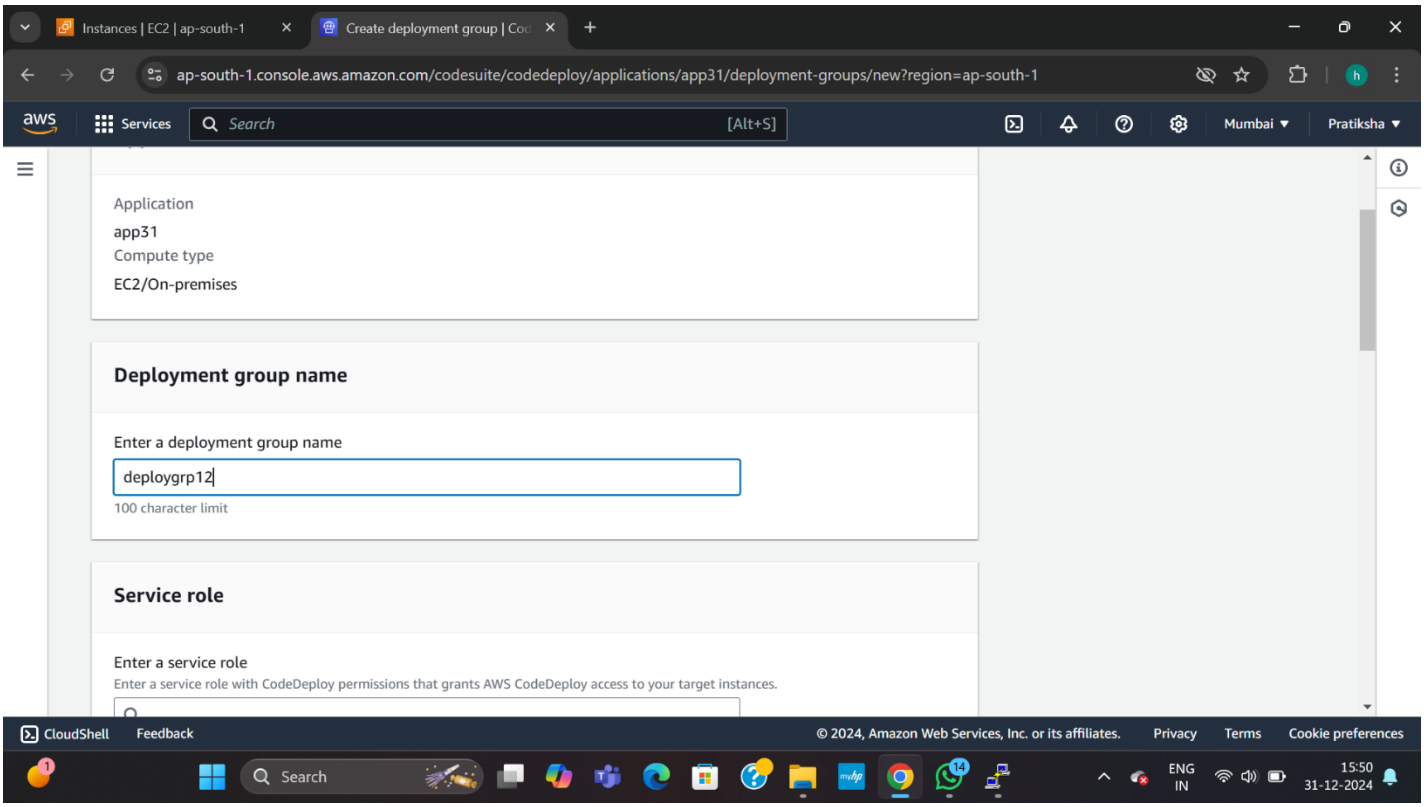
--> go in applications--> create application--> give application name--> select EC2/On-premises under compute platform--> create application-->



--> select create deployment group

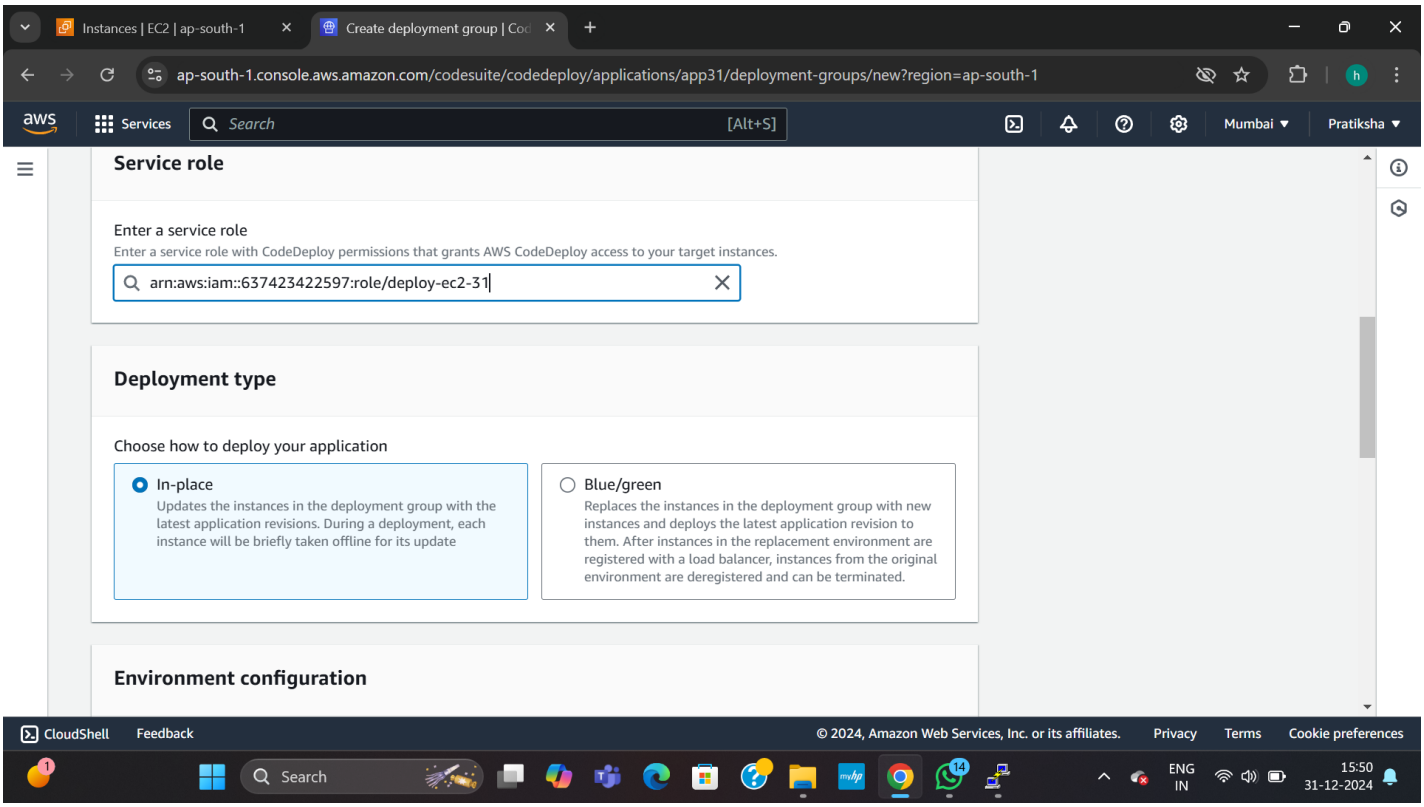


--> provide group name

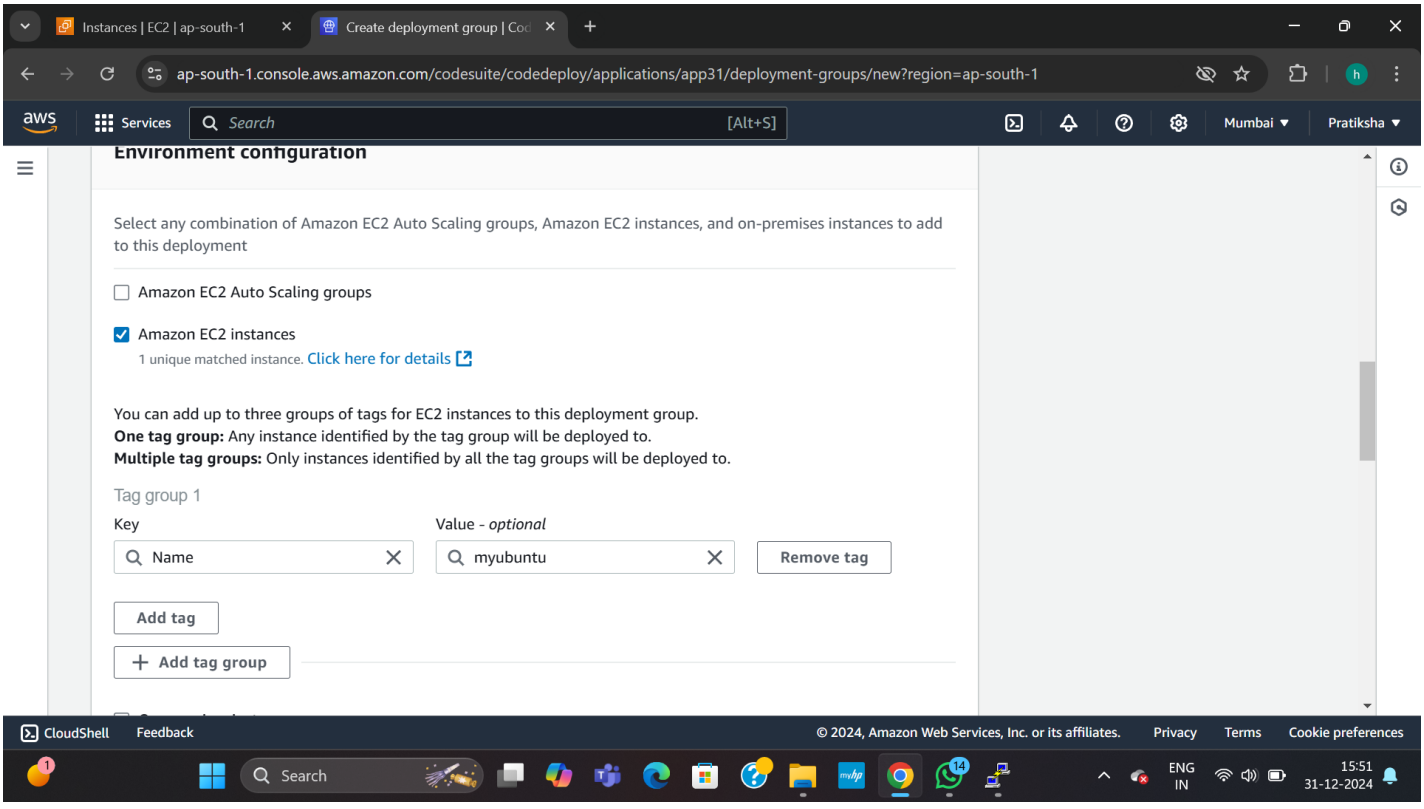


--> under service role--> select codedeploy-to-ec2-31 under EC2

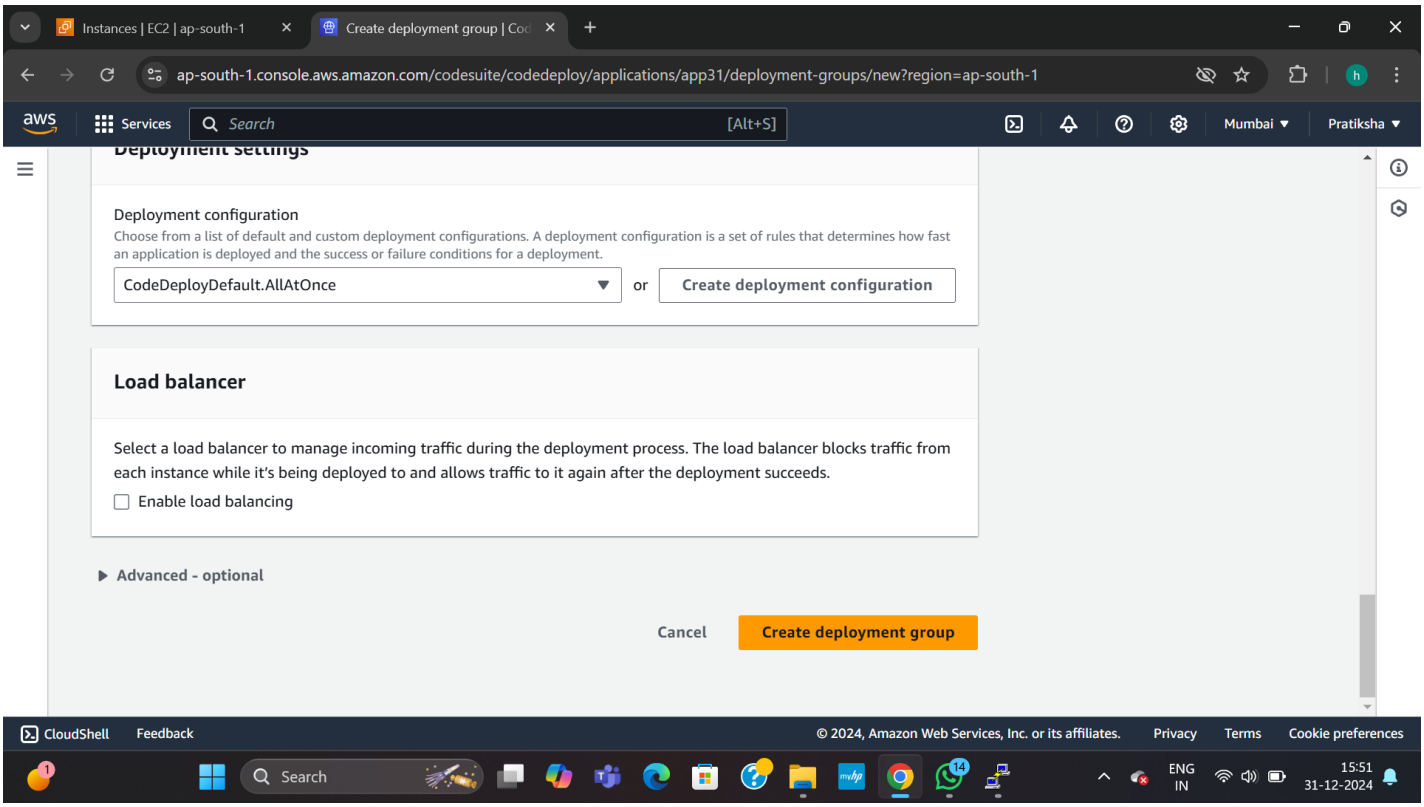
--> under deployment settings check whether all at once selected or not



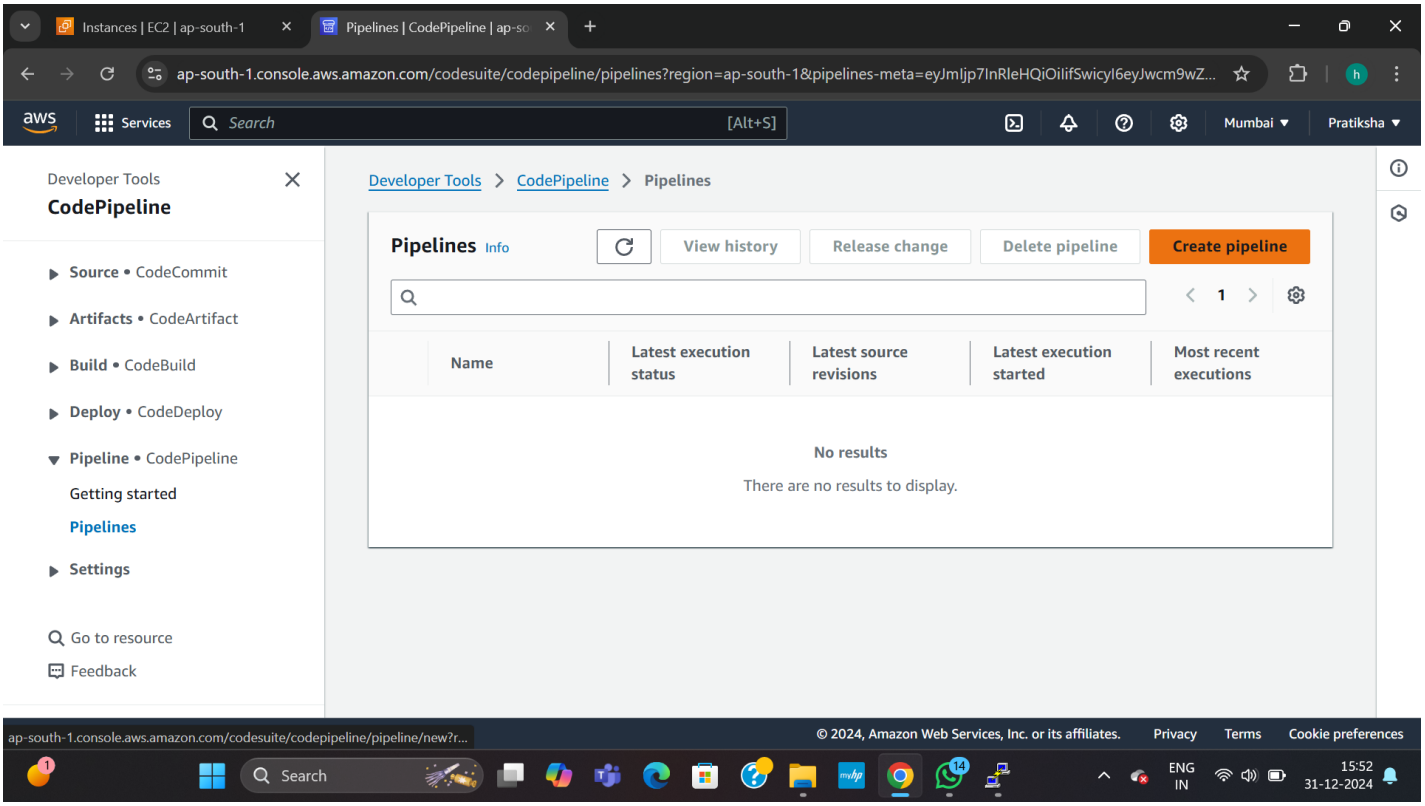
--> Under environment configuration select amazon ec2 instance--> select name under key and instance name under value



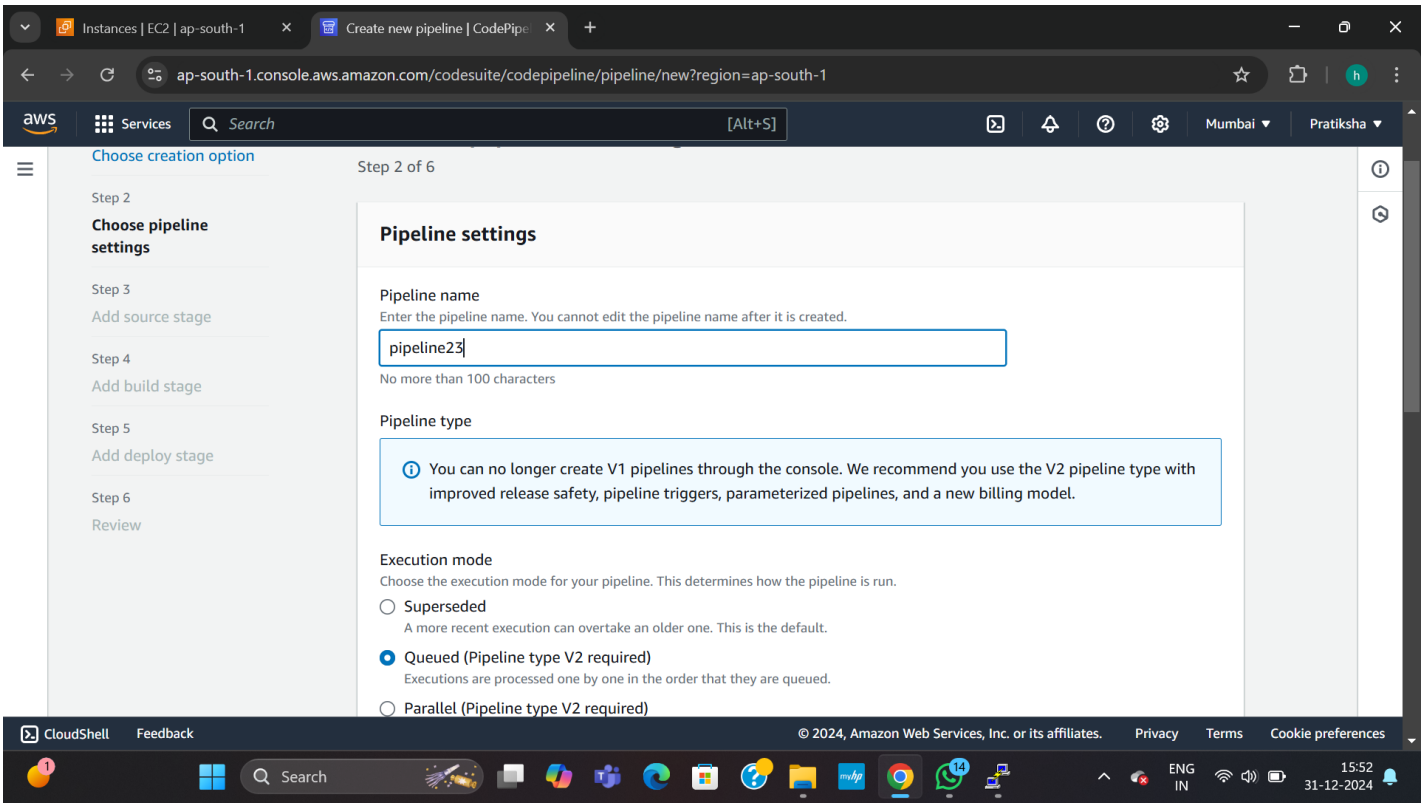
--> untick the unable load balancing check box under load balancer--> create deployment group-->



-->go in pipelines under code pipeline from left pane--> create pipeline

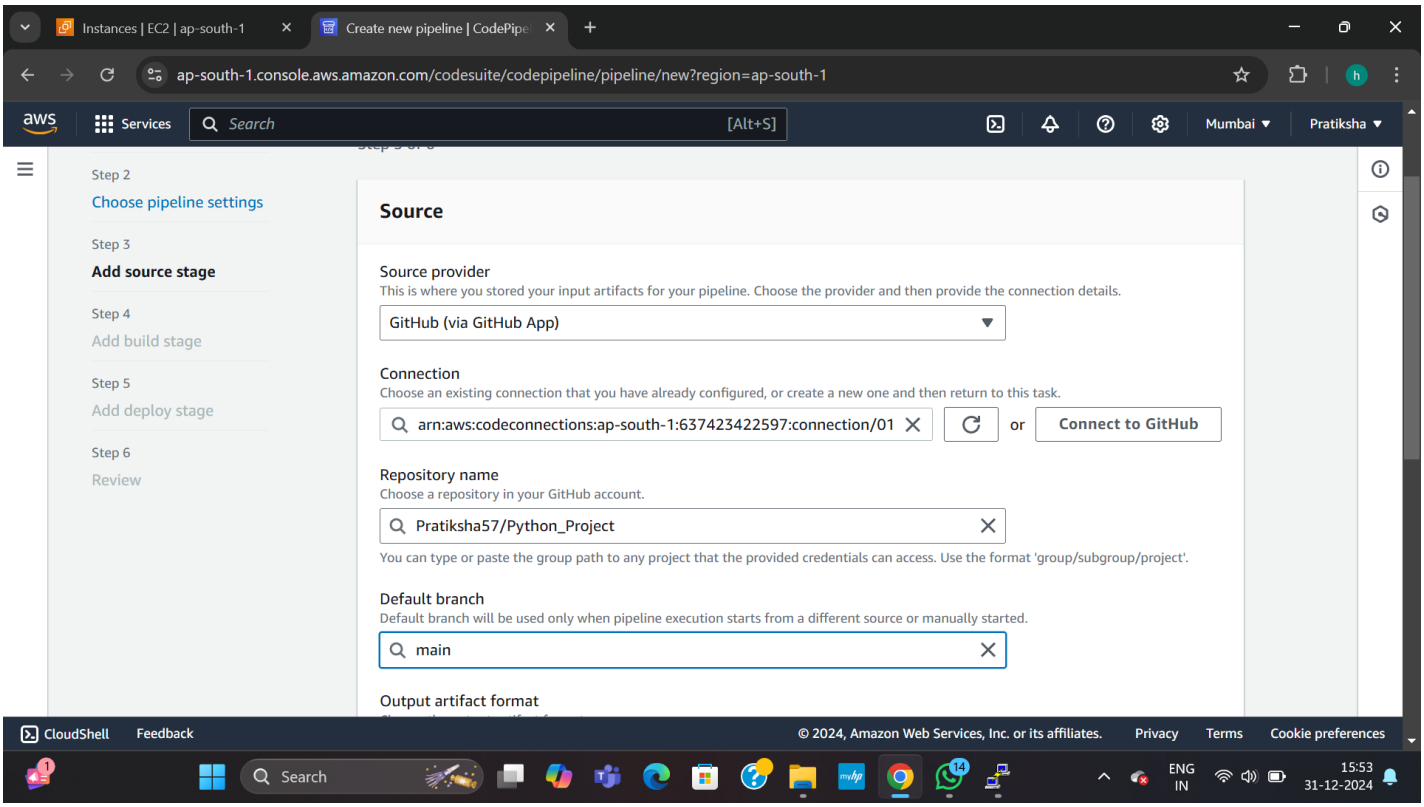


--> provide name as pipeline23



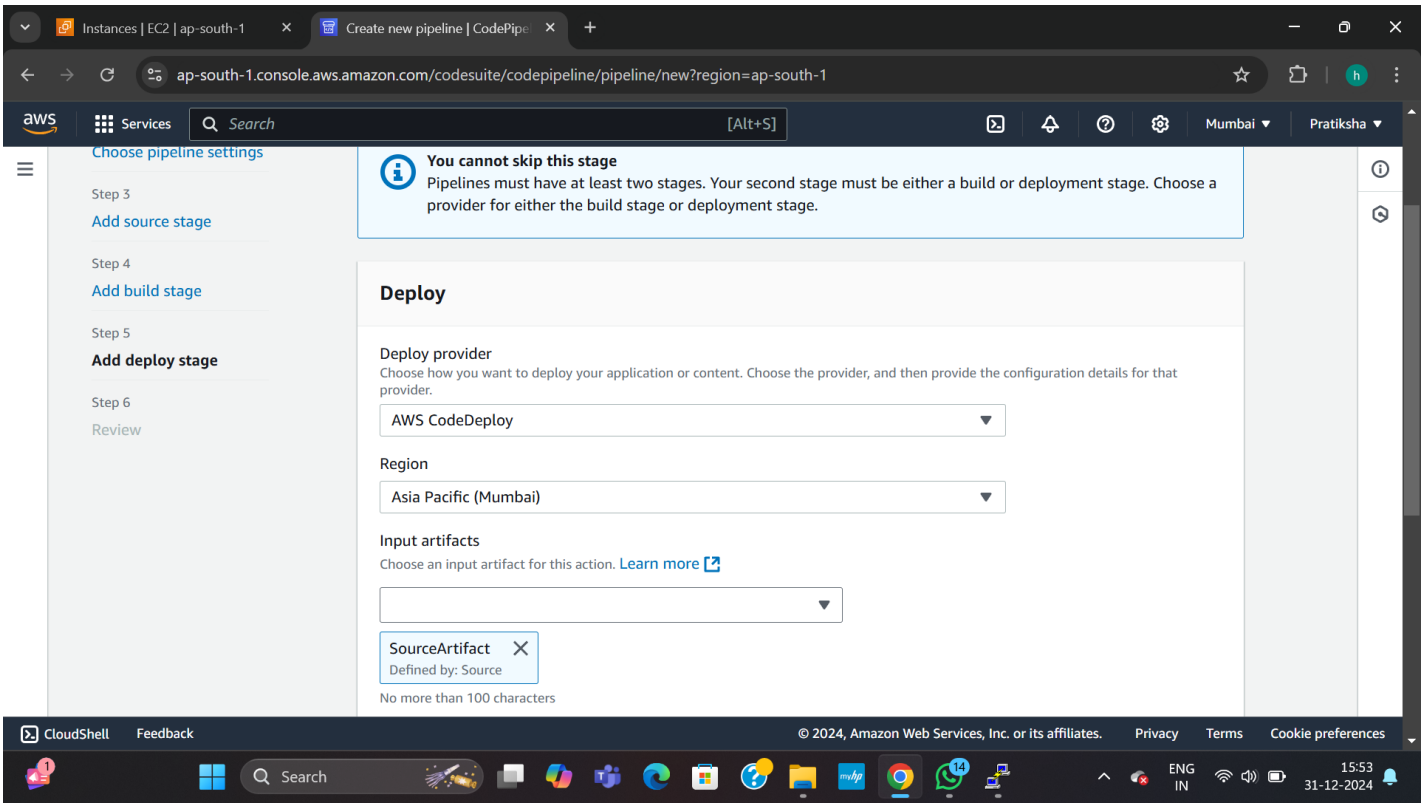
--> NEXT--> select source as AWS CodeCommit

--> select repo name as repo(our repo name)--> Branch name Main--> Next

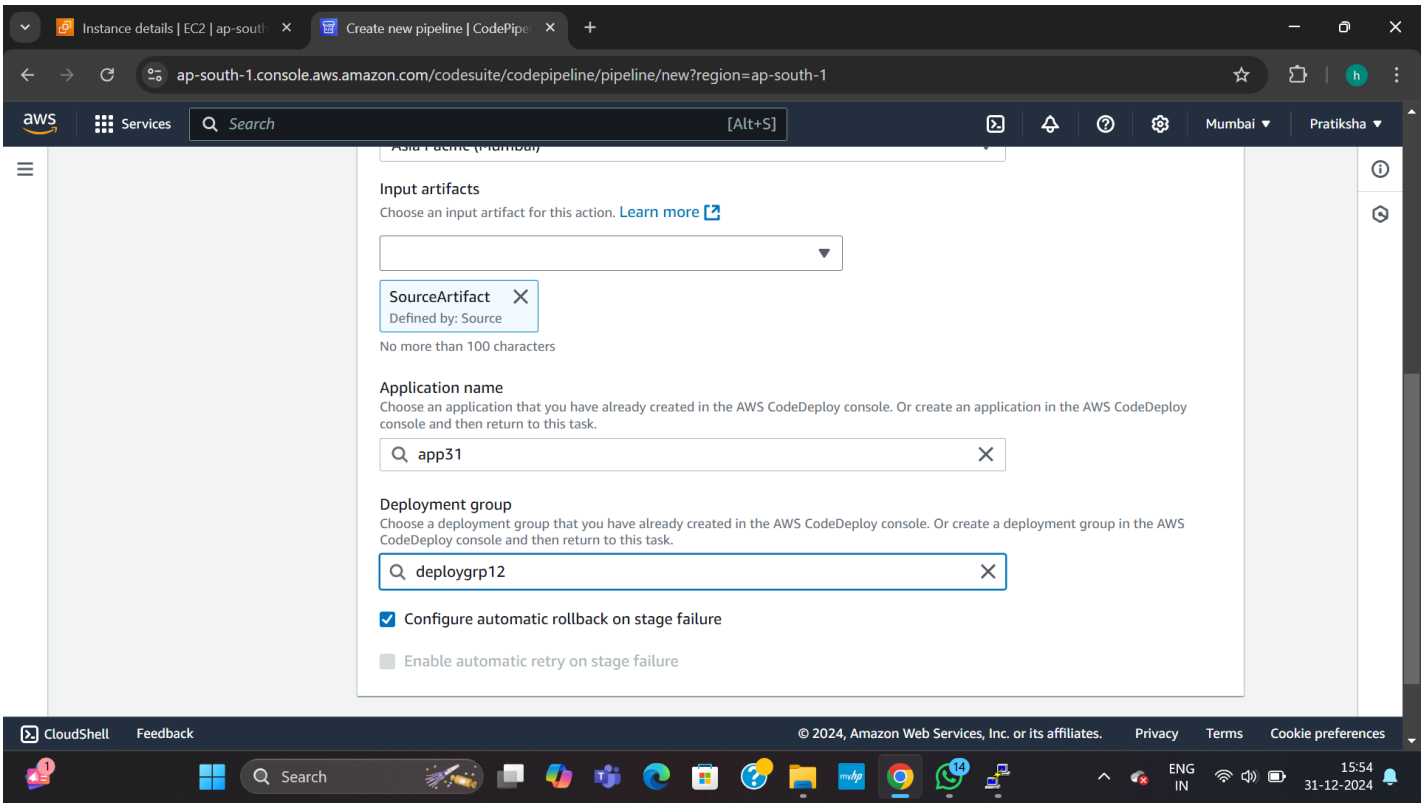


--> Skip build stage

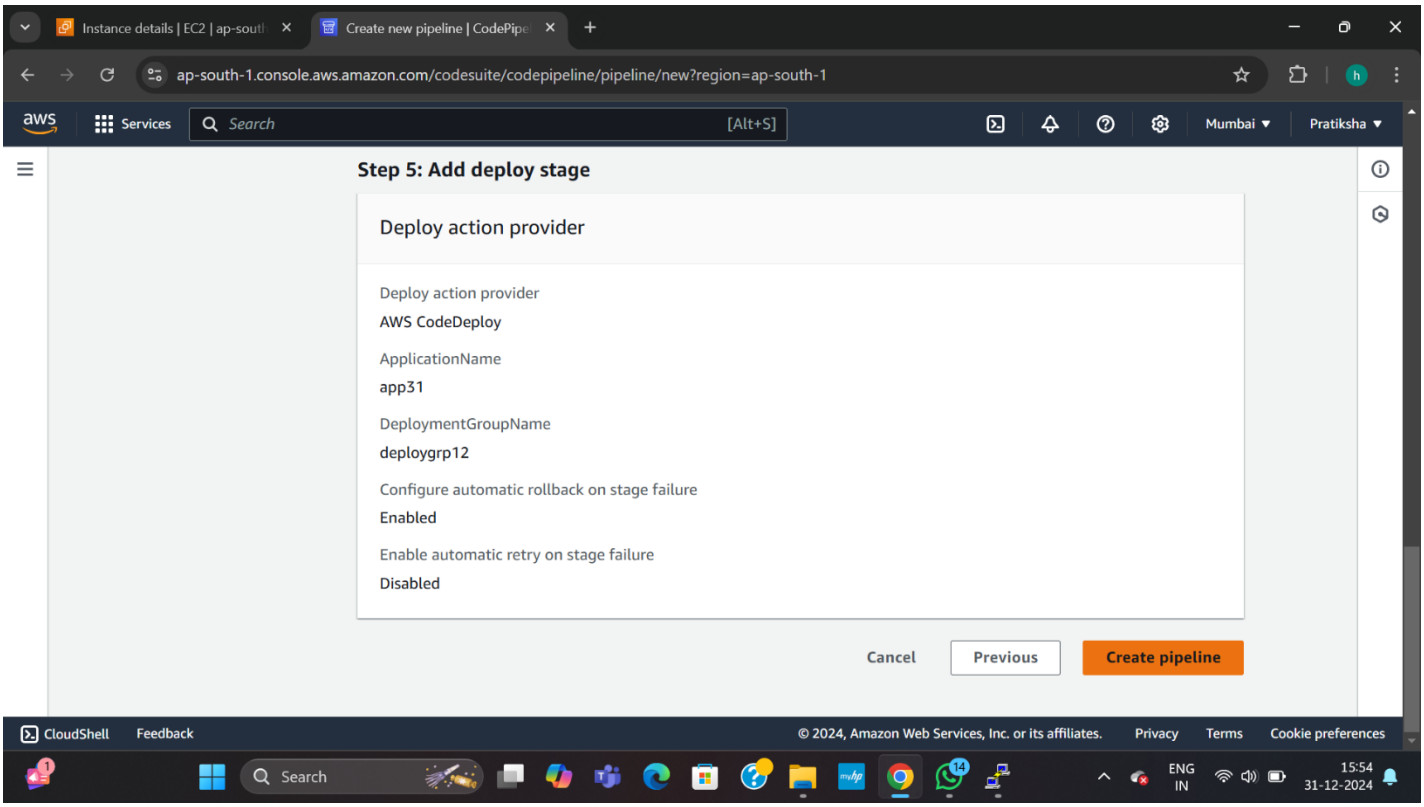
--> Select AWS code deploy



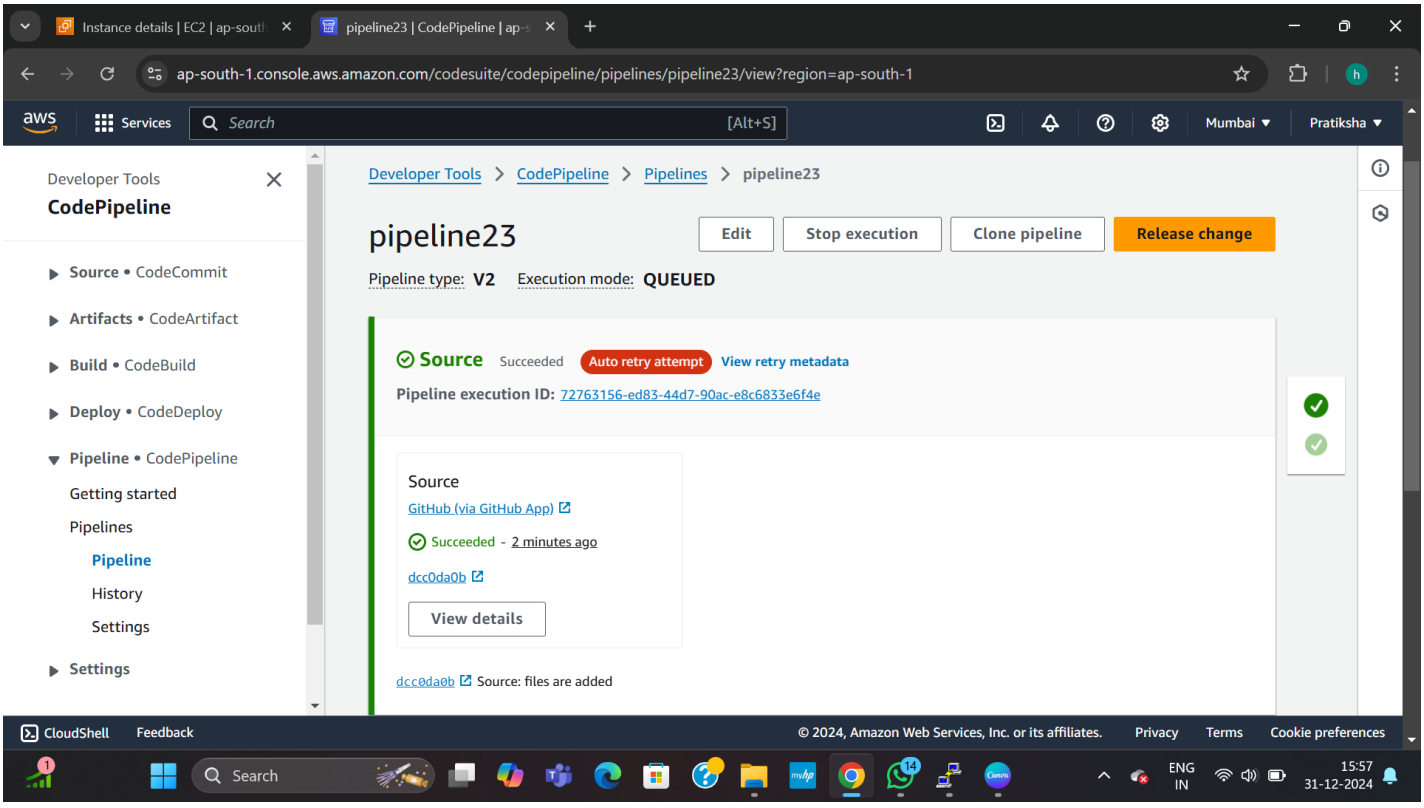
--> select application name and deployment group

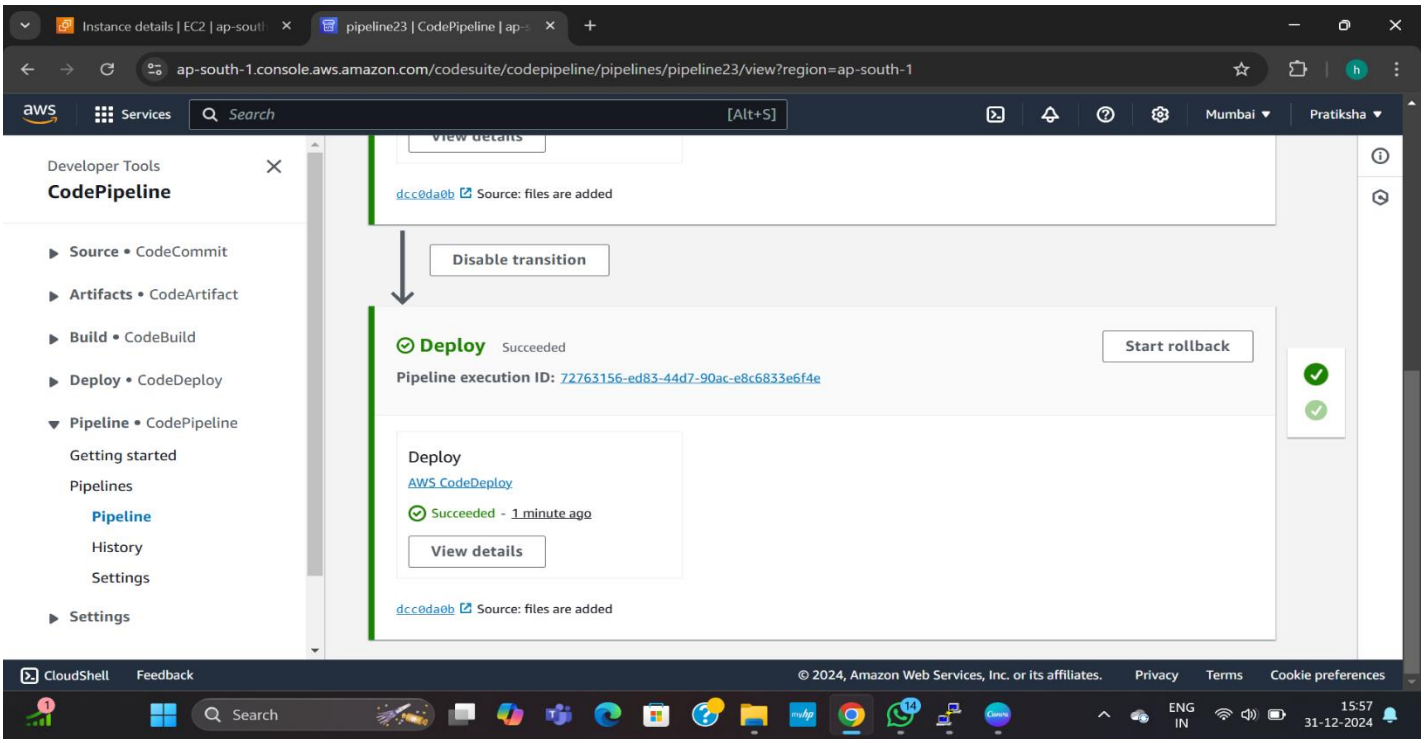


--> NEXT-->create pipeline

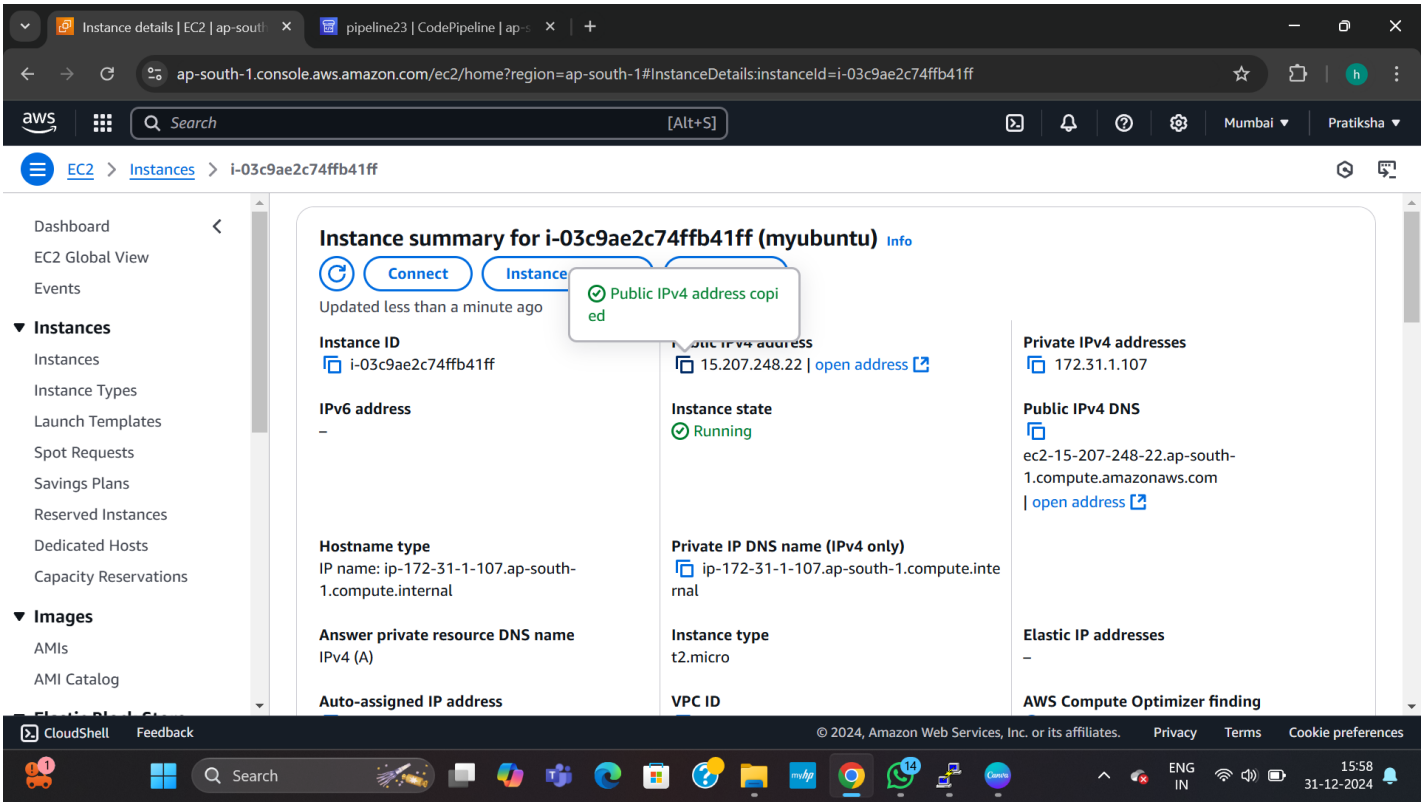


We have completed setting up and creating CI-CD pipeline

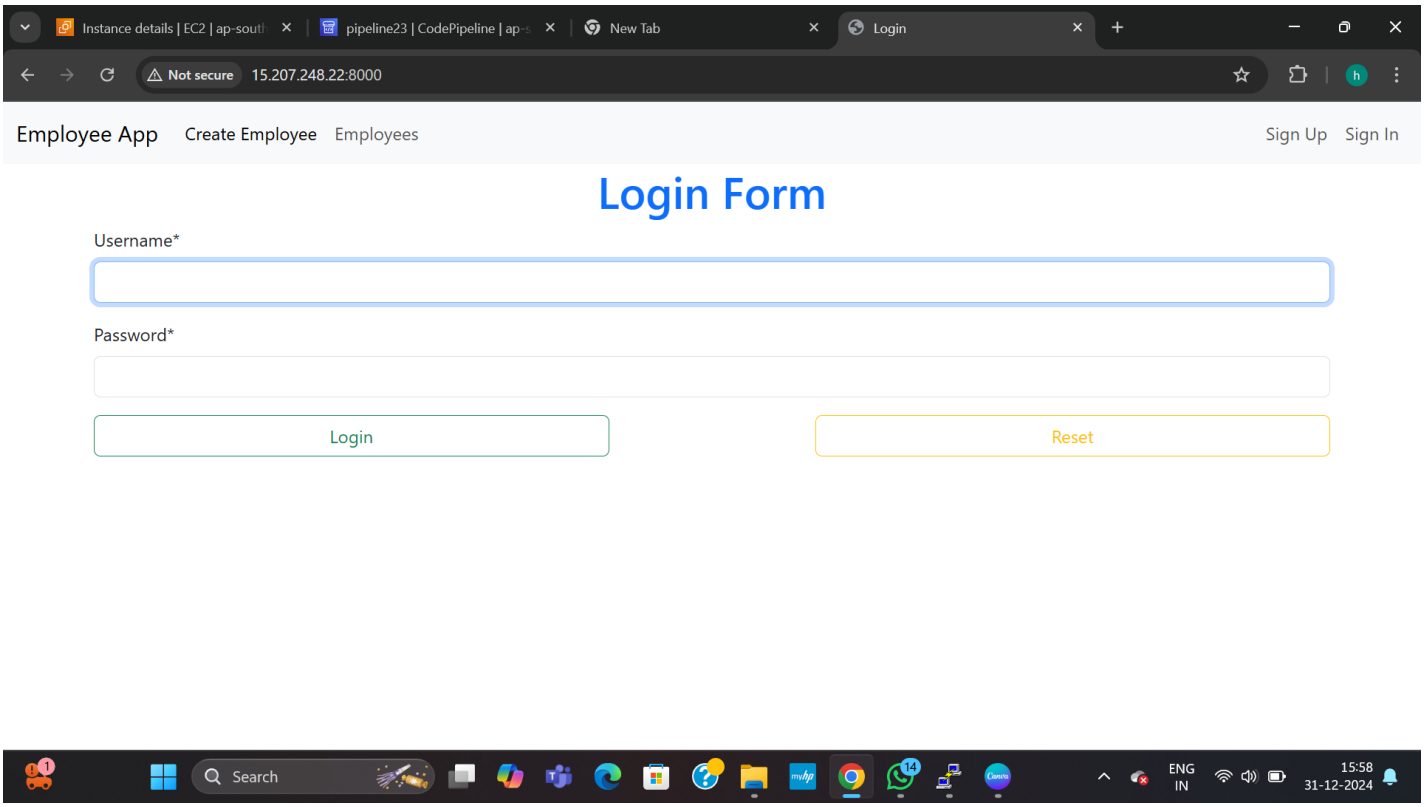




--> Copy the public IP of instance and paste it in another tab



You should see the Django application is running


Instance details | EC2 | ap-south
pipeline23 | CodePipeline | ap-s
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Create Employee
Employees
Sign Up
Sign In
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