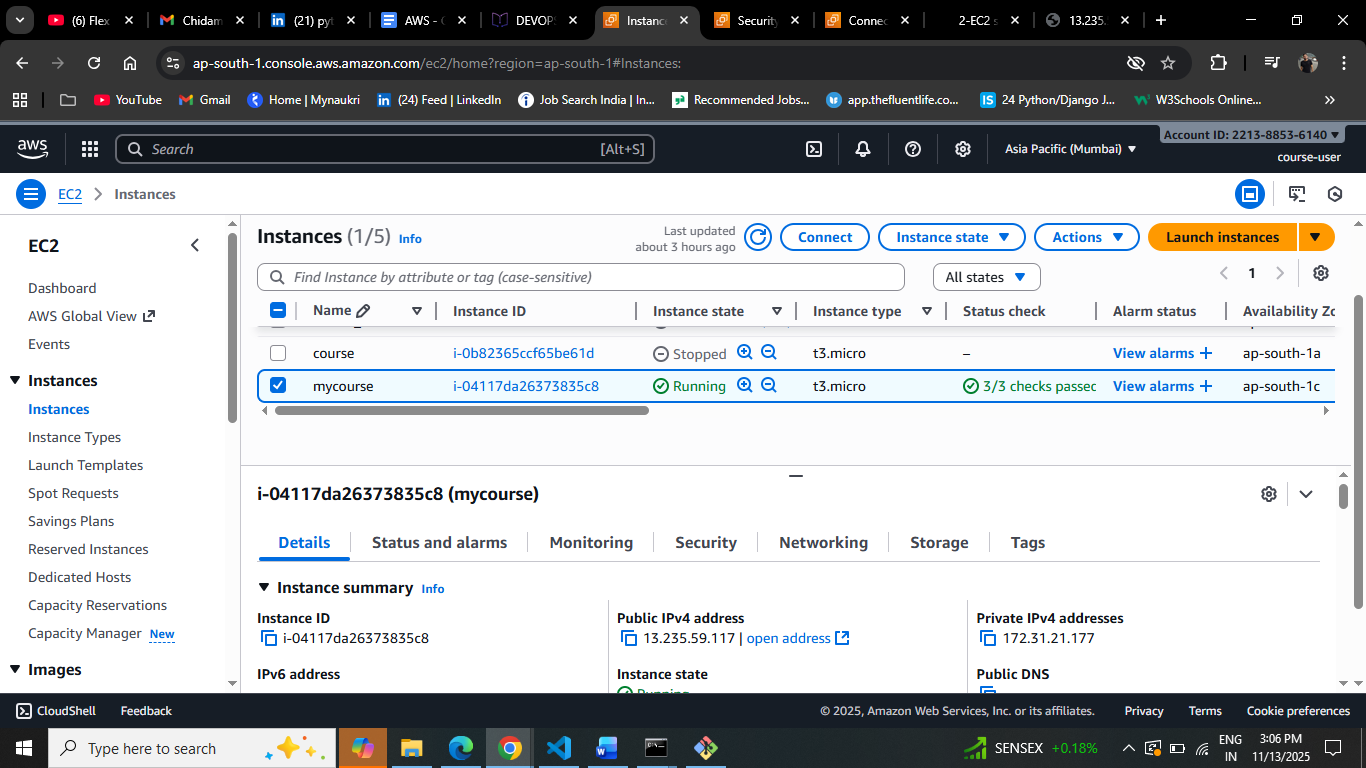
1. **Deploy Your flask backend and express frontend in amazon single ec2 instance.**

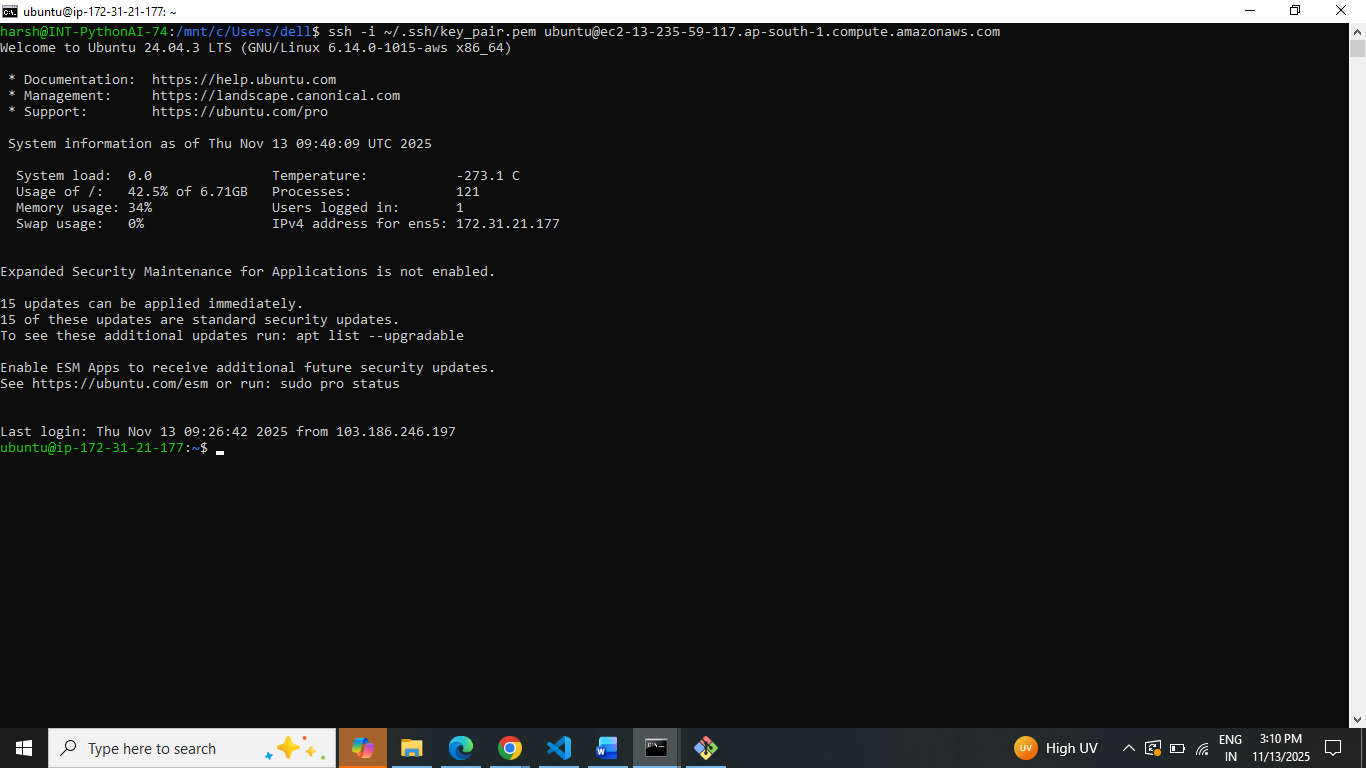
1.Launch EC2 Instance

EC2 → Launch Instance → course



1. Connect via SSH

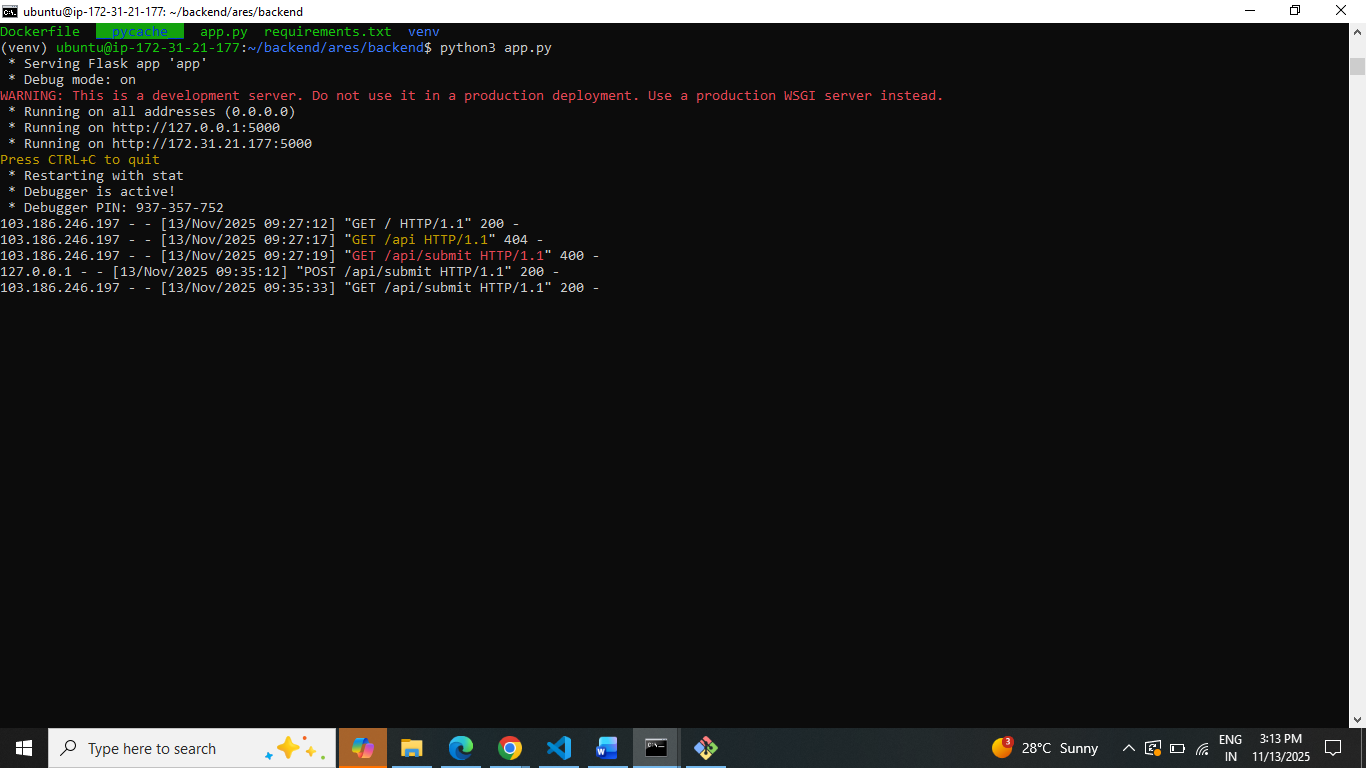
ssh -i ~/.ssh/key\_pair.pem [ubuntu@ec2-13-235-59-117.ap-south-](mailto:ubuntu@ec2-13-235-59-117.ap-south-)1.compute.amazonaws.com



3.Flask Backend

Run Flask server:

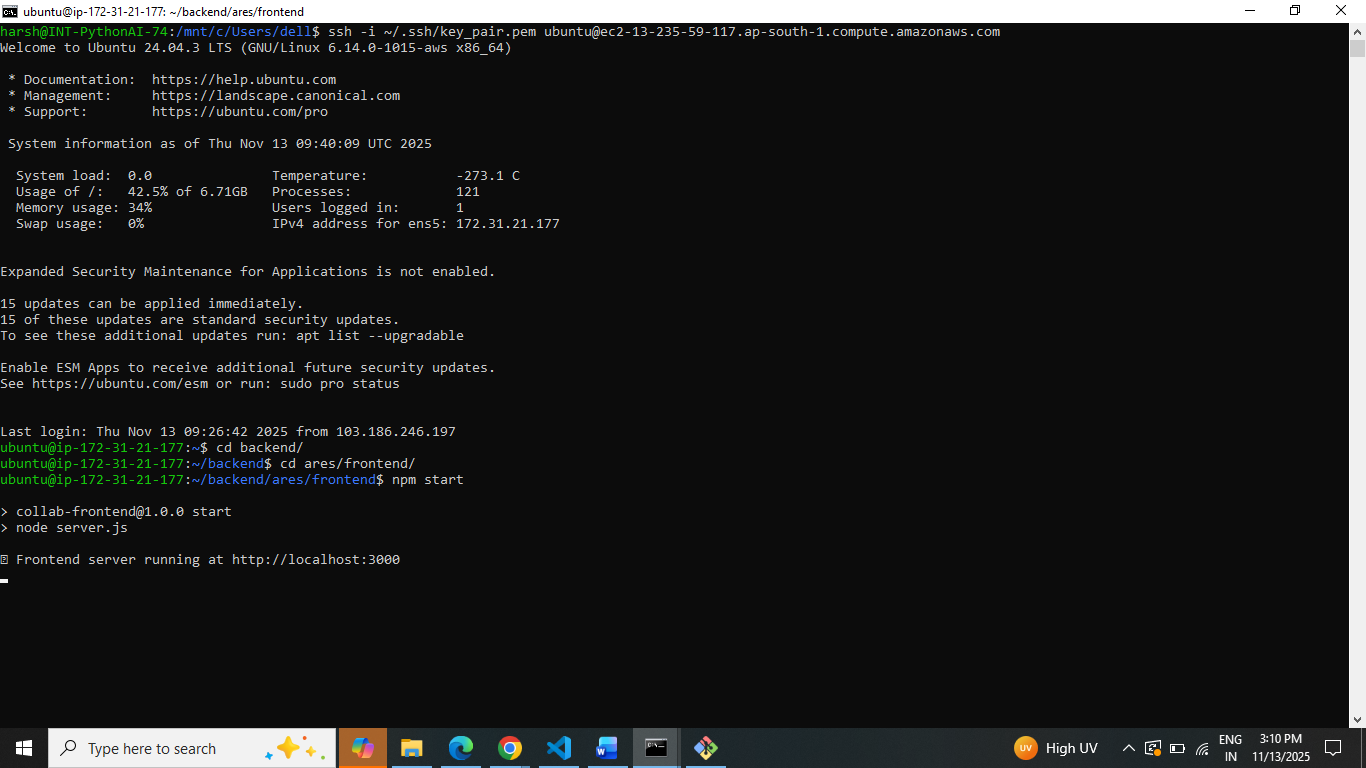
Python3 app.py



4.Express Frontend

Run Node.js server

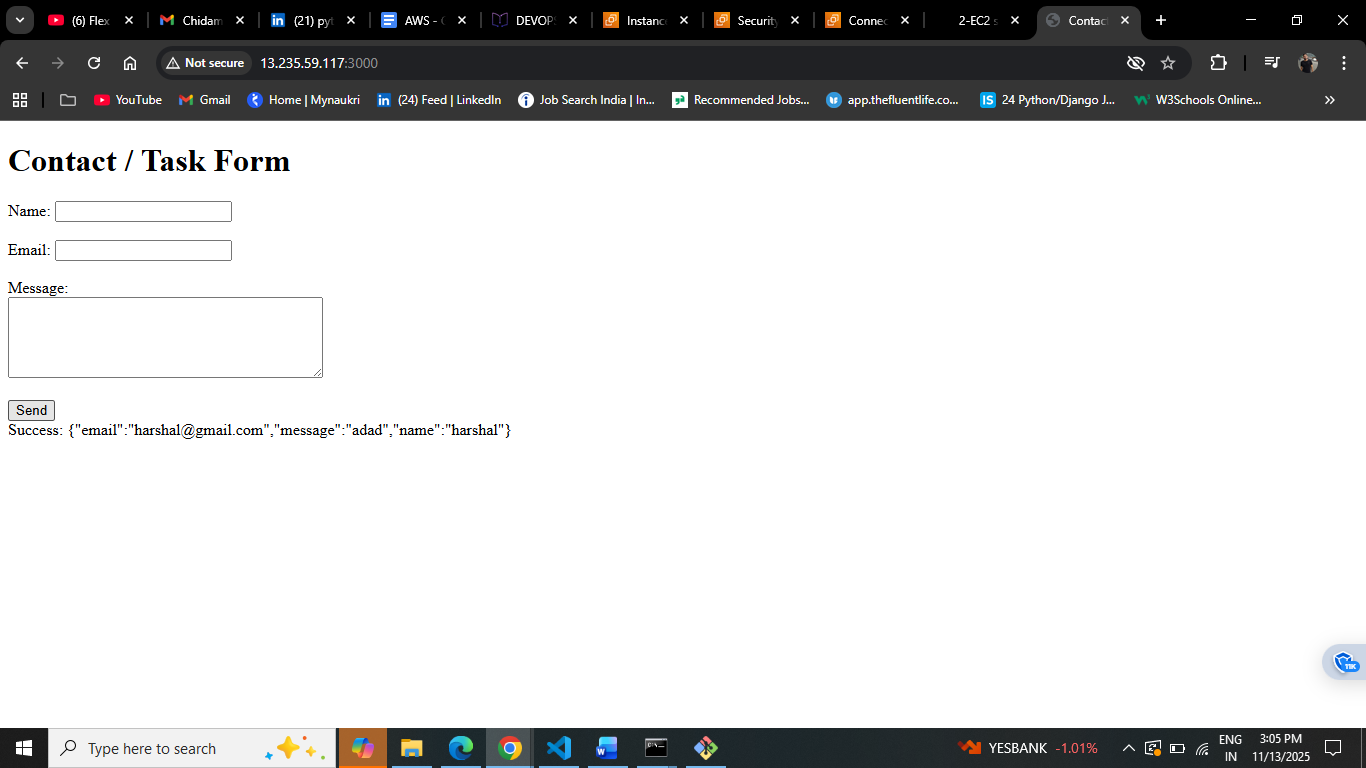
npm start



5. Access Your App

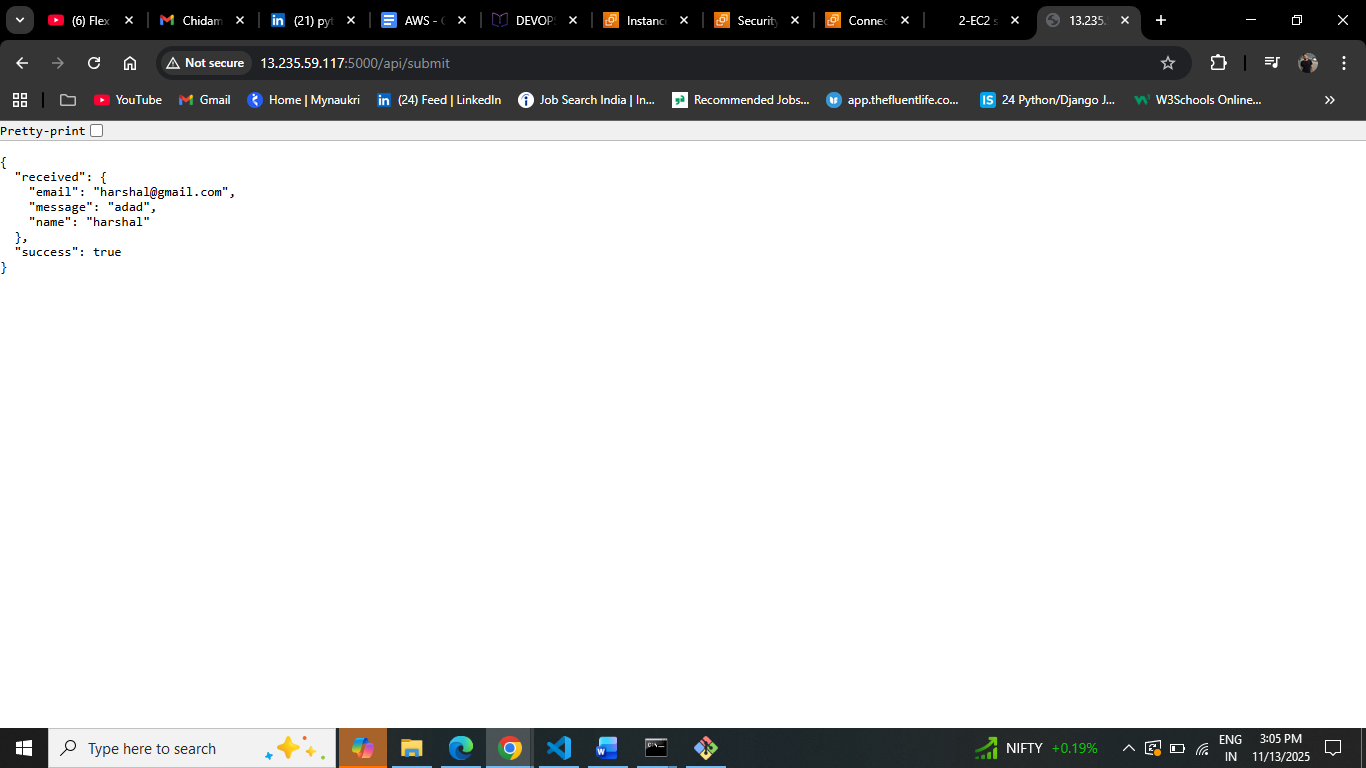
Express: http://<ec2-public-ip>:3000

http://13.235.59.117:3000



Flask: http://<ec2-public-ip>:5000

http://13.235.59.117:5000/api/submit

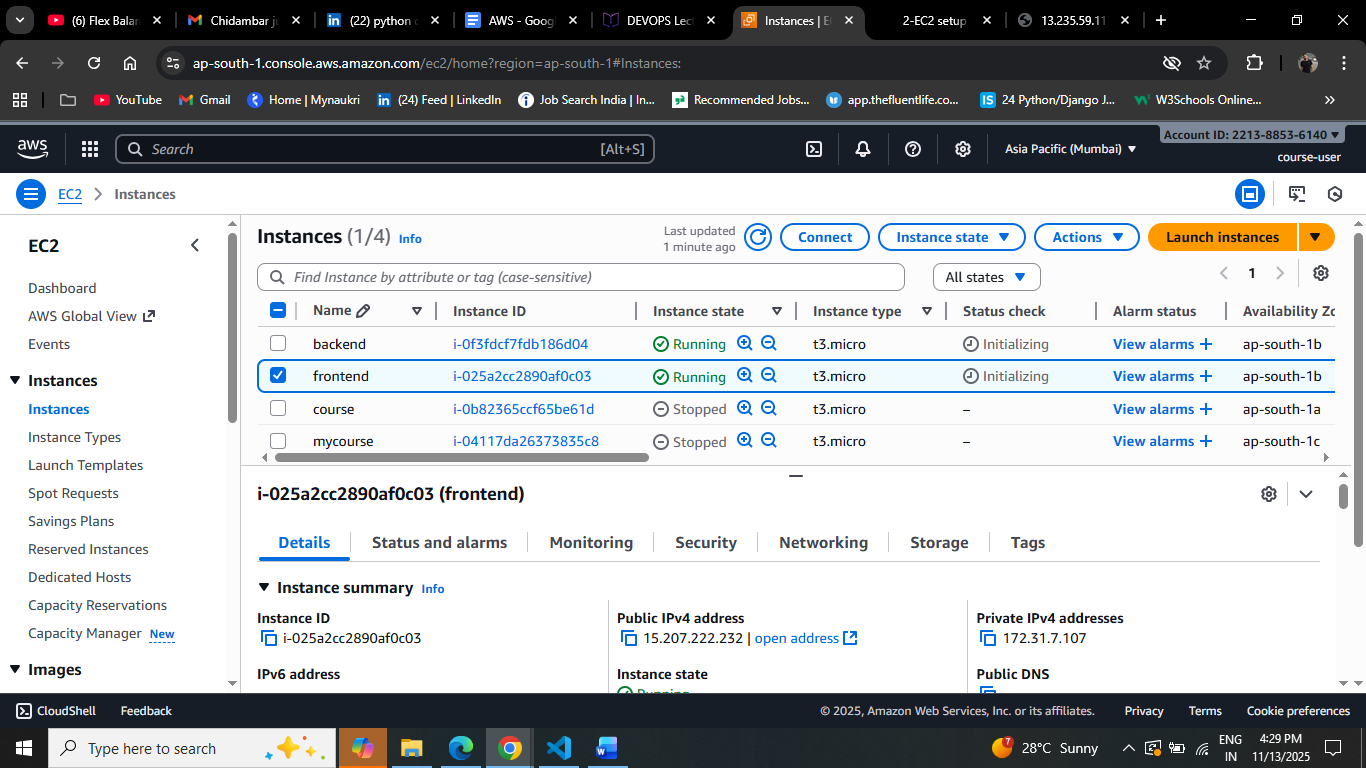


1. **Deploy Your flask backend and express frontend in separate ec2 instances.**

**Frontend**

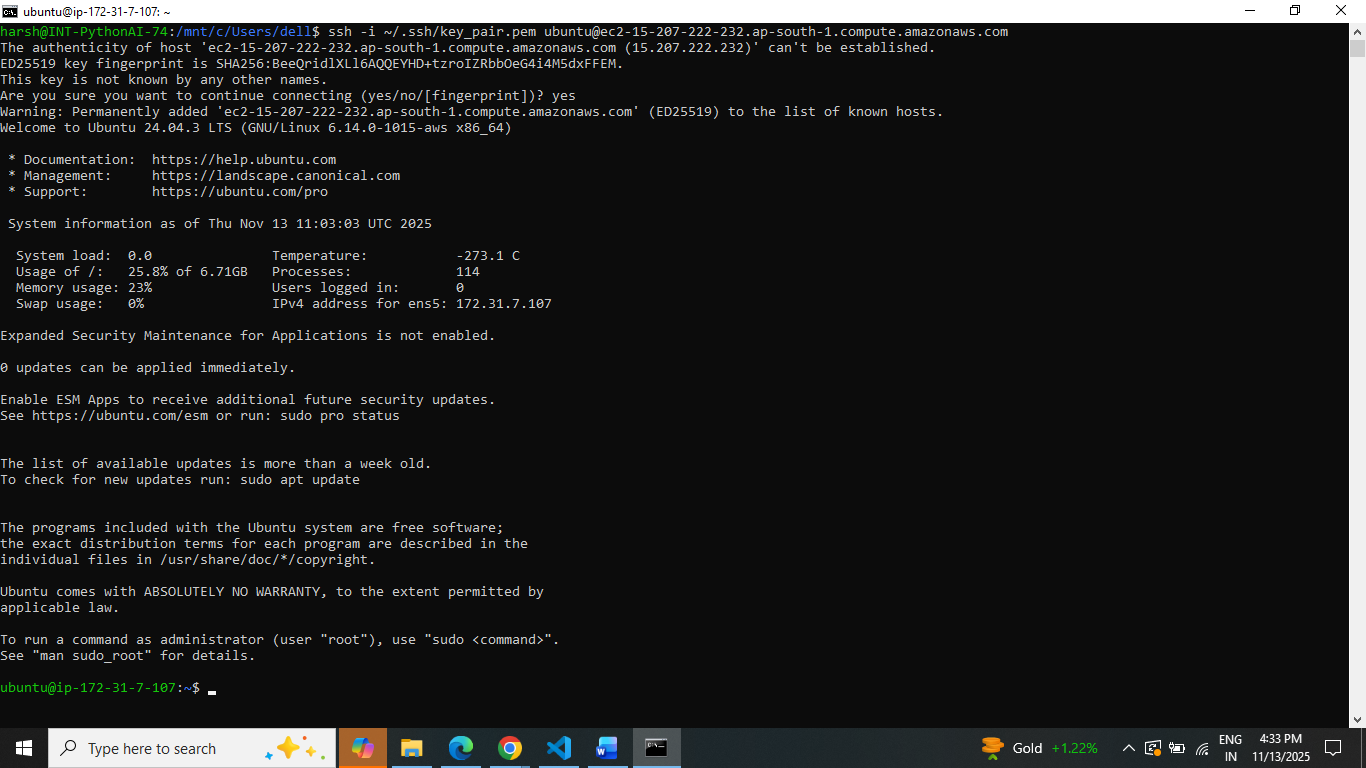
1.Launch EC2 Instance

EC2 → Launch Instance → Frontend

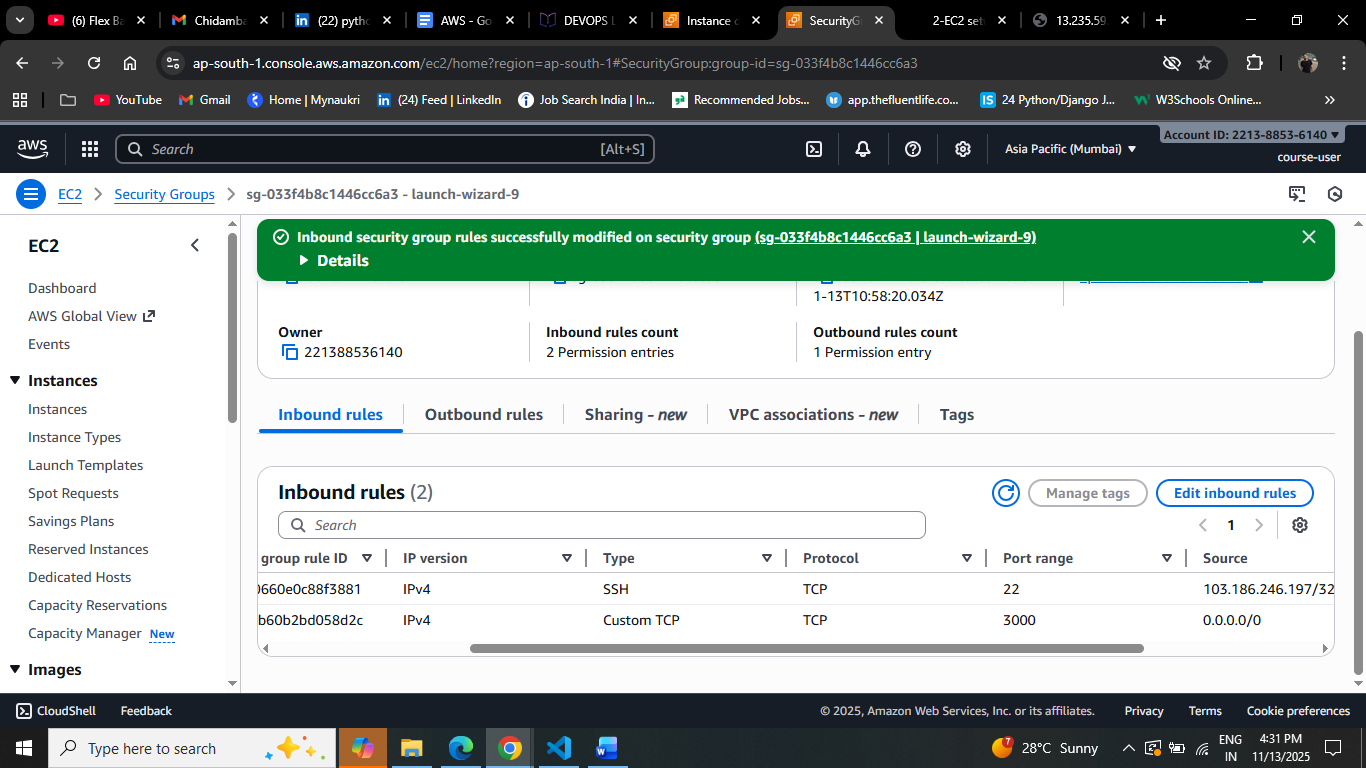


2. Connect via SSH

ssh -I ~/.ssh/key\_pair.pem [ubuntu@ec2-15-207-222-232.ap-south-1.compute.amazonaws.com](mailto:ubuntu@ec2-15-207-222-232.ap-south-1.compute.amazonaws.com)

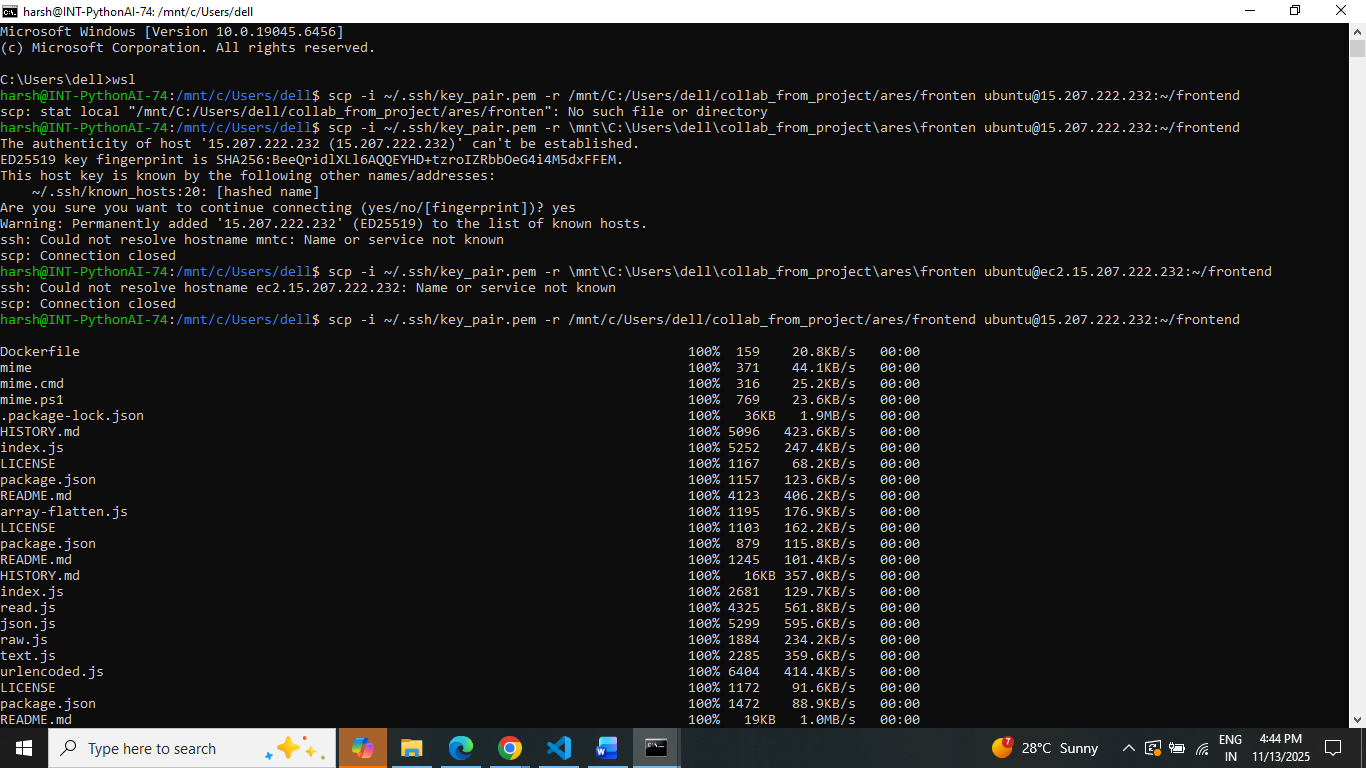


3. Security Permission PORT

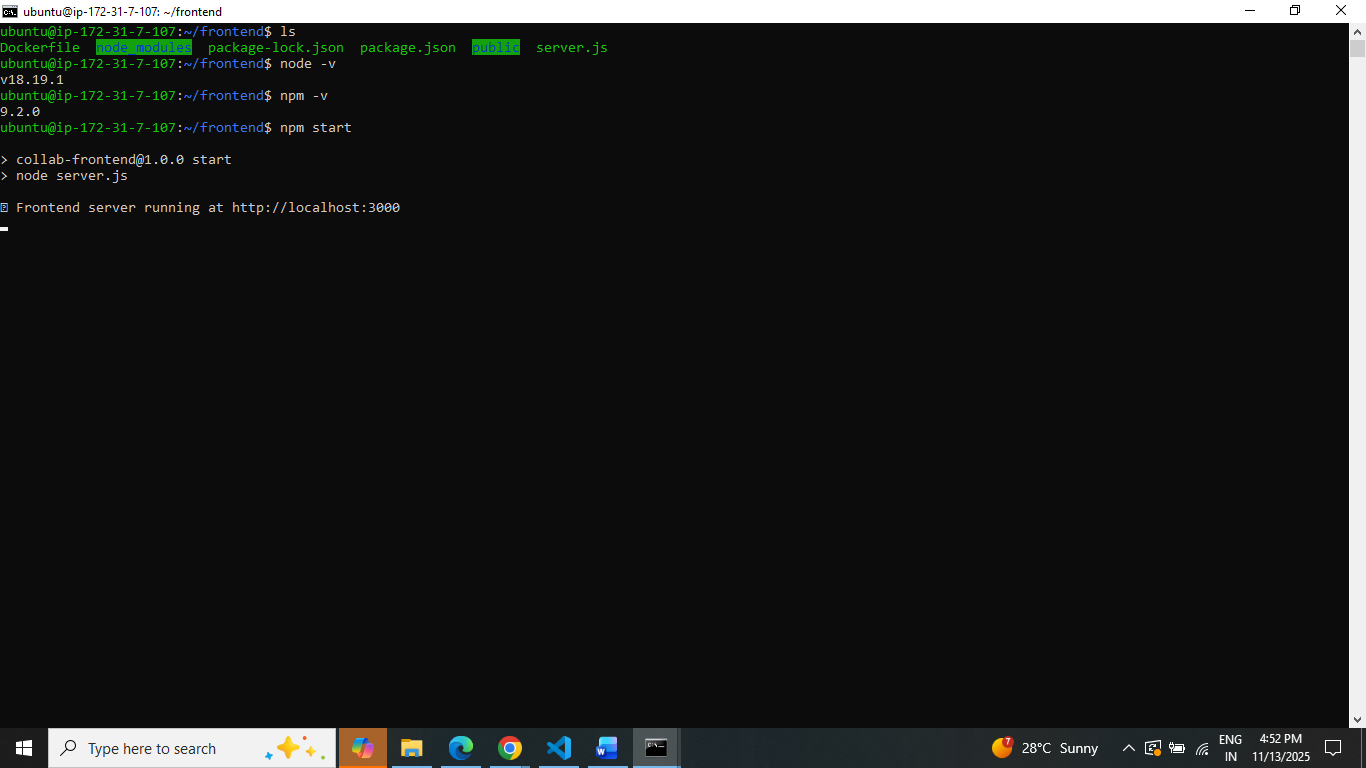


4.Copy File From Local

scp -i ~/.ssh/key\_pair.pem -r /mnt/c/Users/dell/collab\_from\_project/ares/frontend [ubuntu@13.234.66.86:~/frontend](mailto:ubuntu@13.234.66.86:~/frontend)



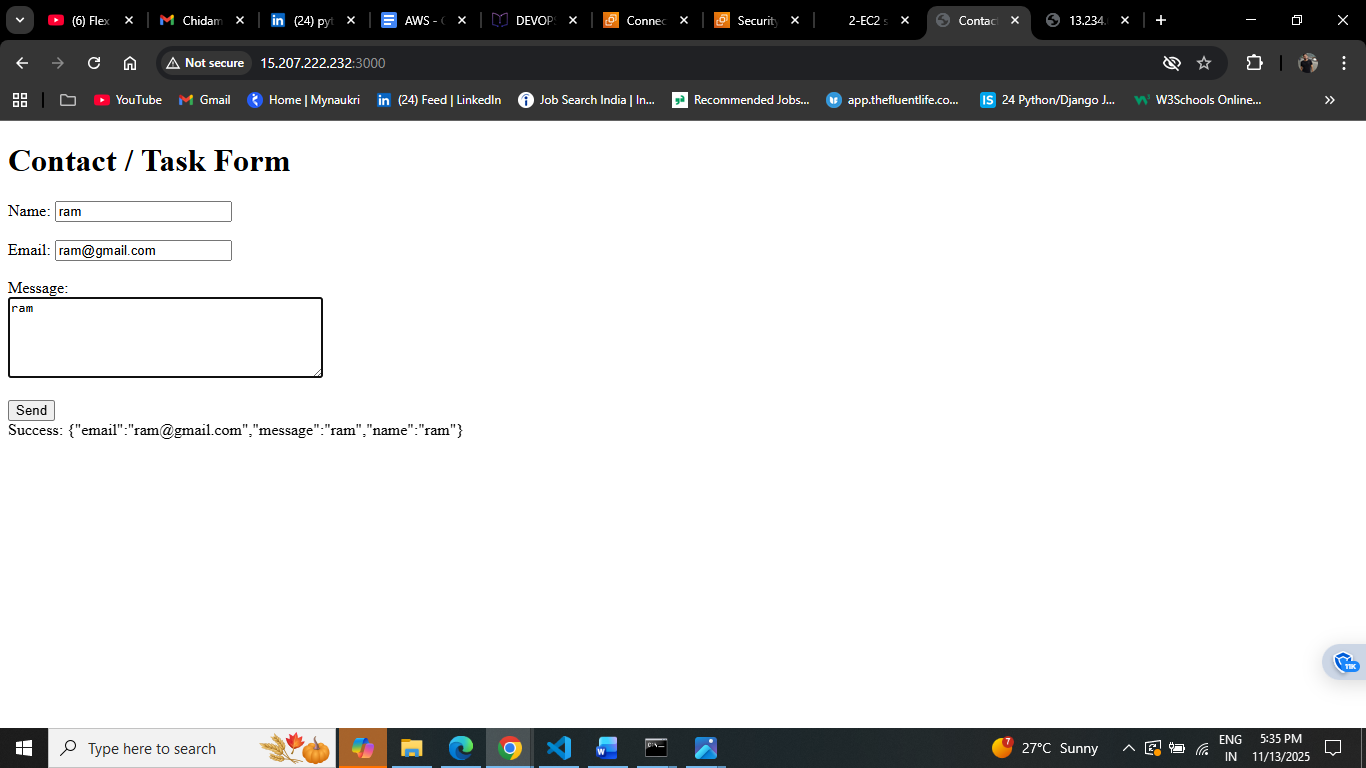
5.Start Server



6. Access Your App

Express: http://<ec2-public-ip>:3000

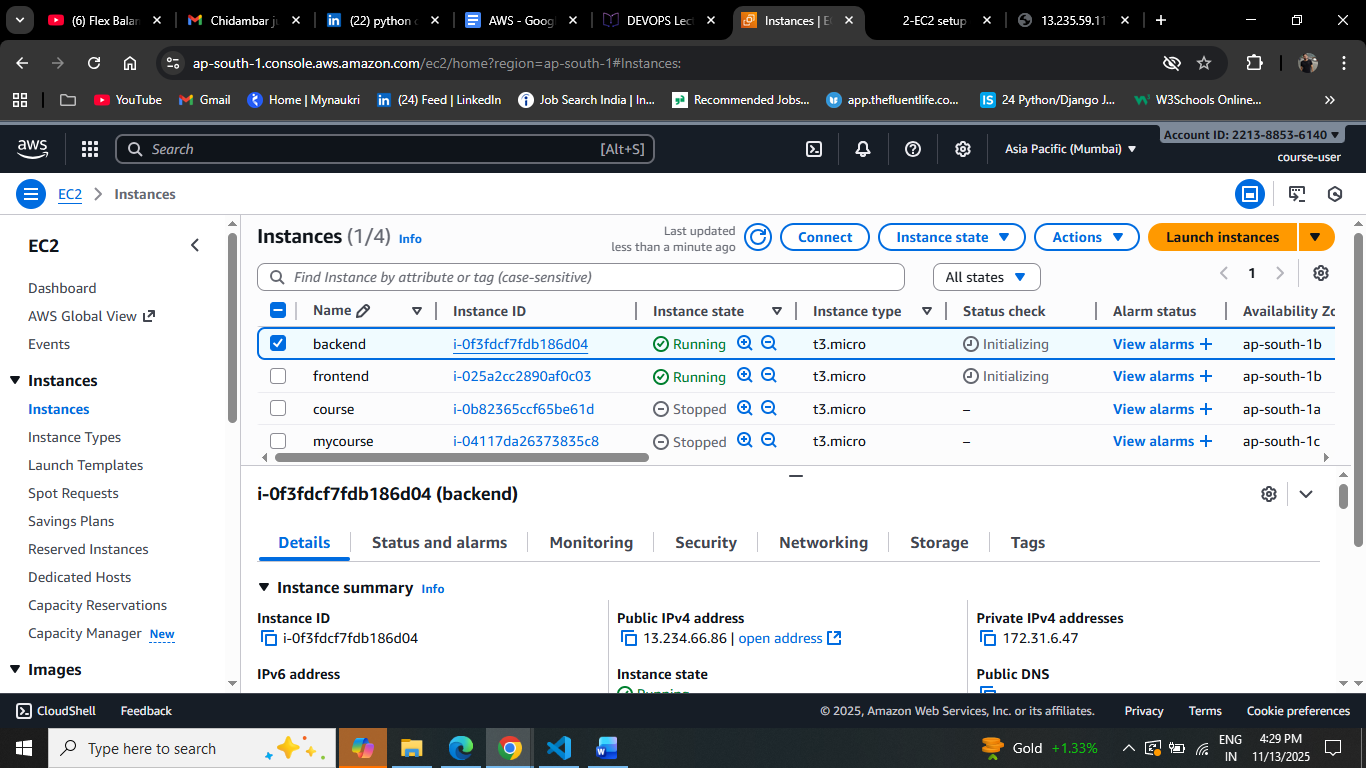
<http://15.207.222.232:3000>



**Backend**

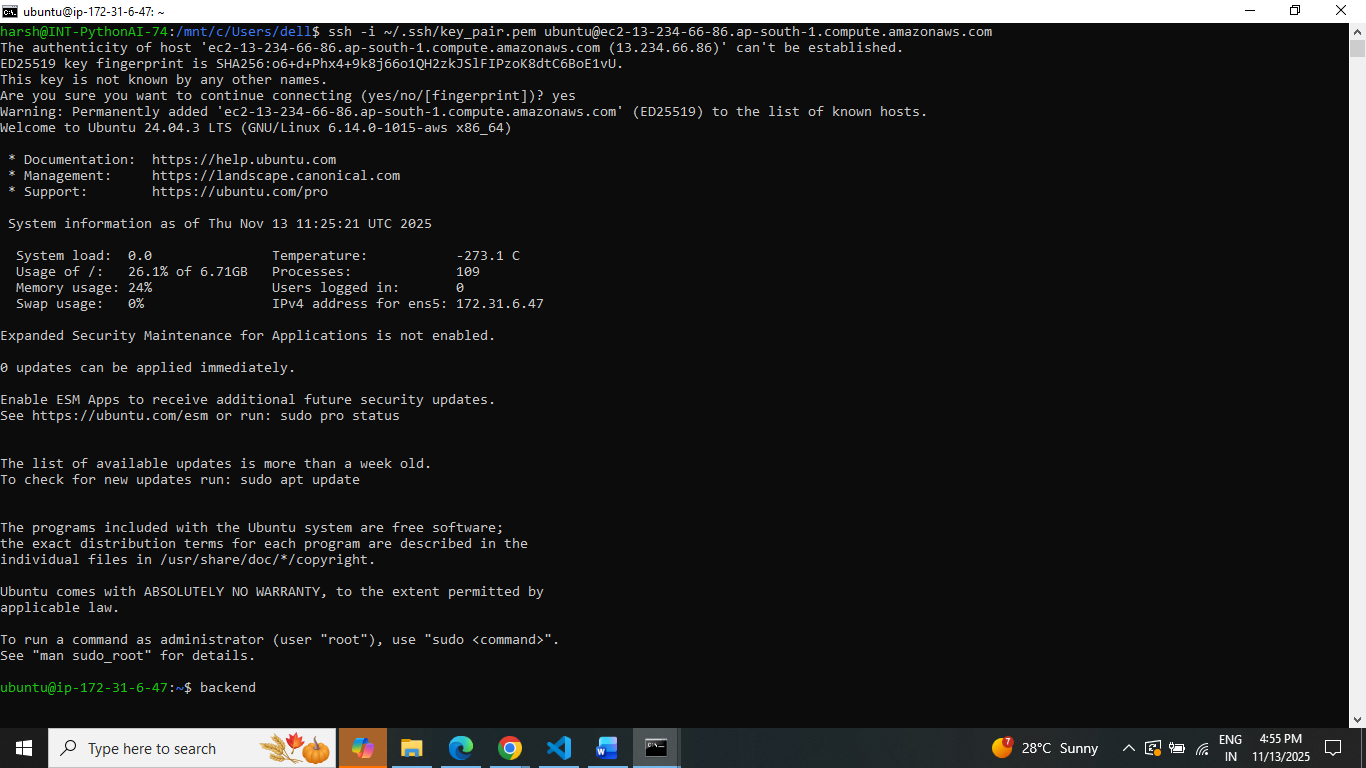
1.Launch EC2 Instance

EC2 → Launch Instance → Backend



2.Connect via SSH

ssh -i ~/.ssh/key\_pair.pem [ubuntu@ec2-13-234-66-86.ap-south-1.compute.amazonaws.com](mailto:ubuntu@ec2-13-234-66-86.ap-south-1.compute.amazonaws.com)

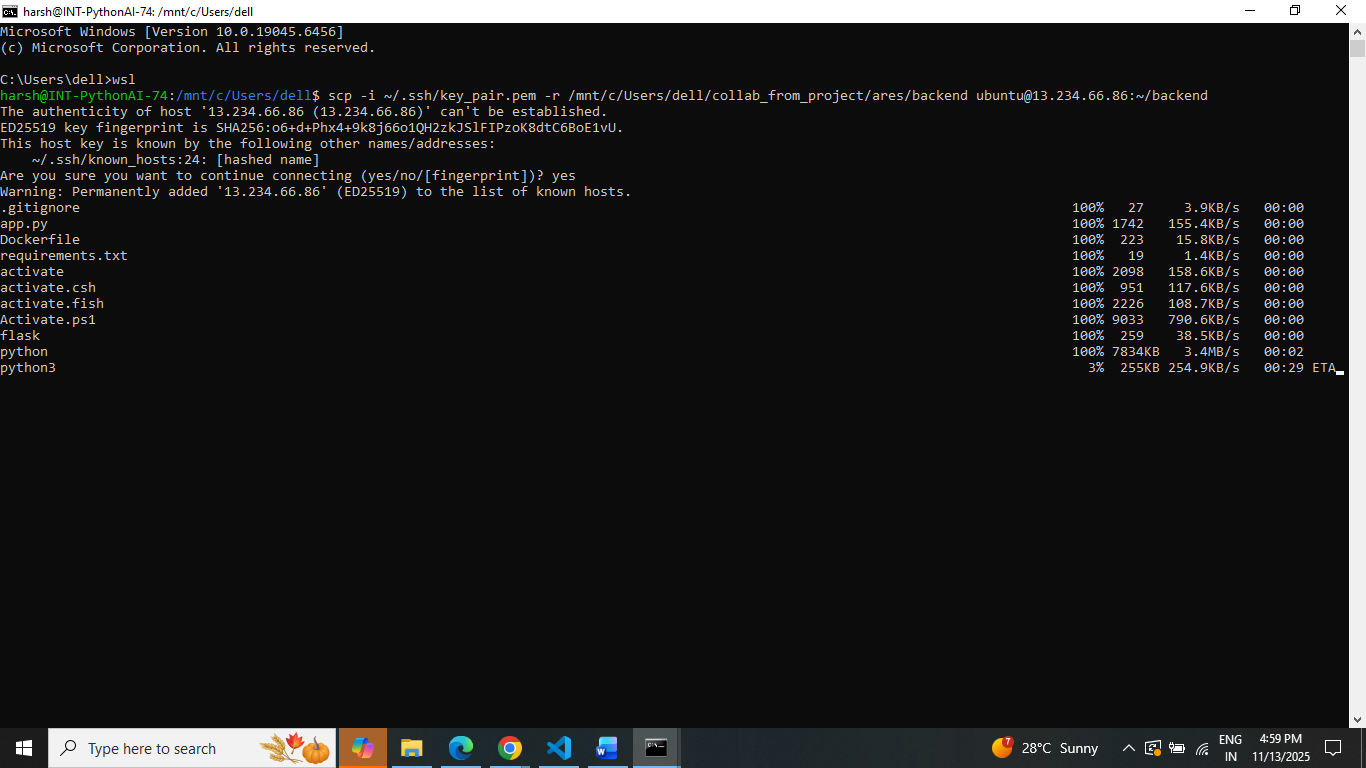


3.Security Permission PORT

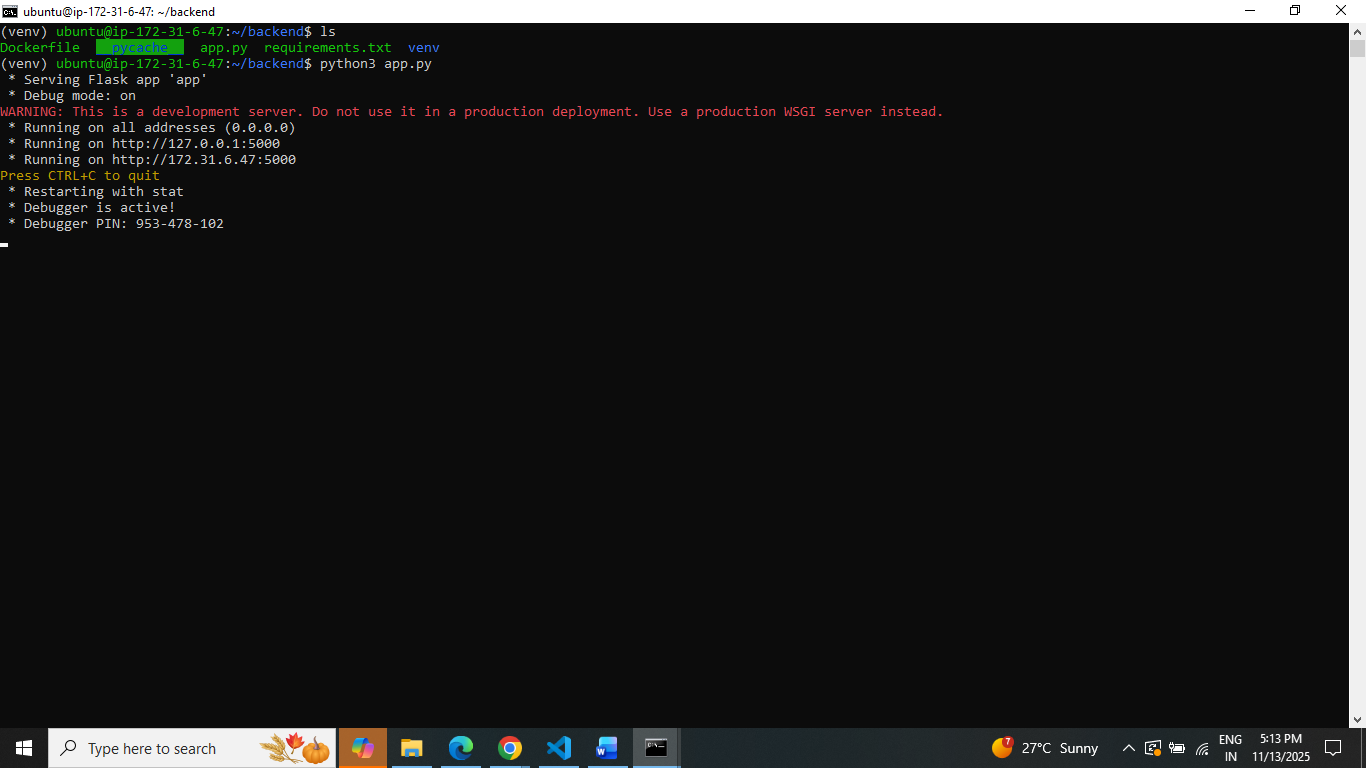


4.Copy File From Local

scp -i ~/.ssh/key\_pair.pem -r /mnt/c/Users/dell/collab\_from\_project/ares/backend [ubuntu@13.234.66.86:~/backend](mailto:ubuntu@13.234.66.86:~/backend)



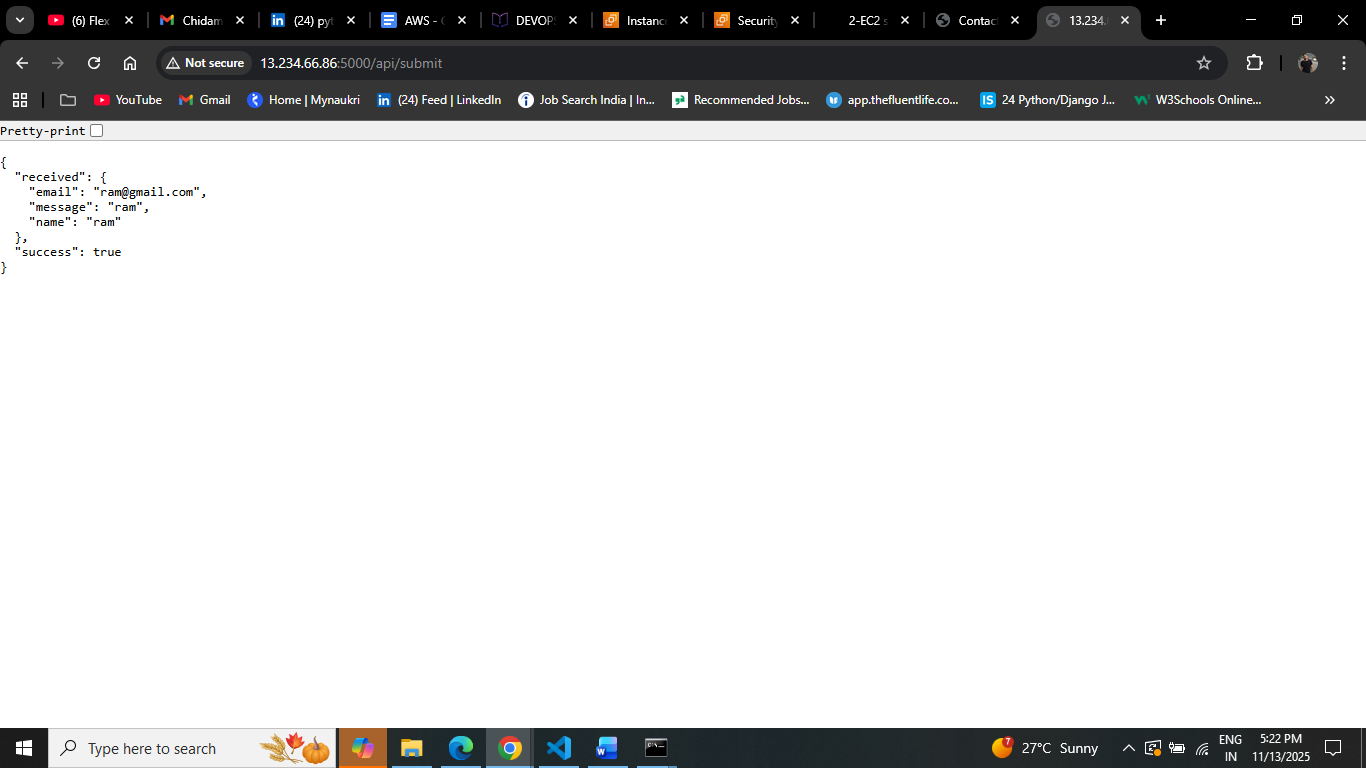
5.Start Server



6.Access Your App

Express: http://<ec2-public-ip>:5000

<http://13.234.66.86:5000/api/submit>



1. **Deploy Your flask backend and express frontend Docker Container using aws ecr, ecs and vpc services**

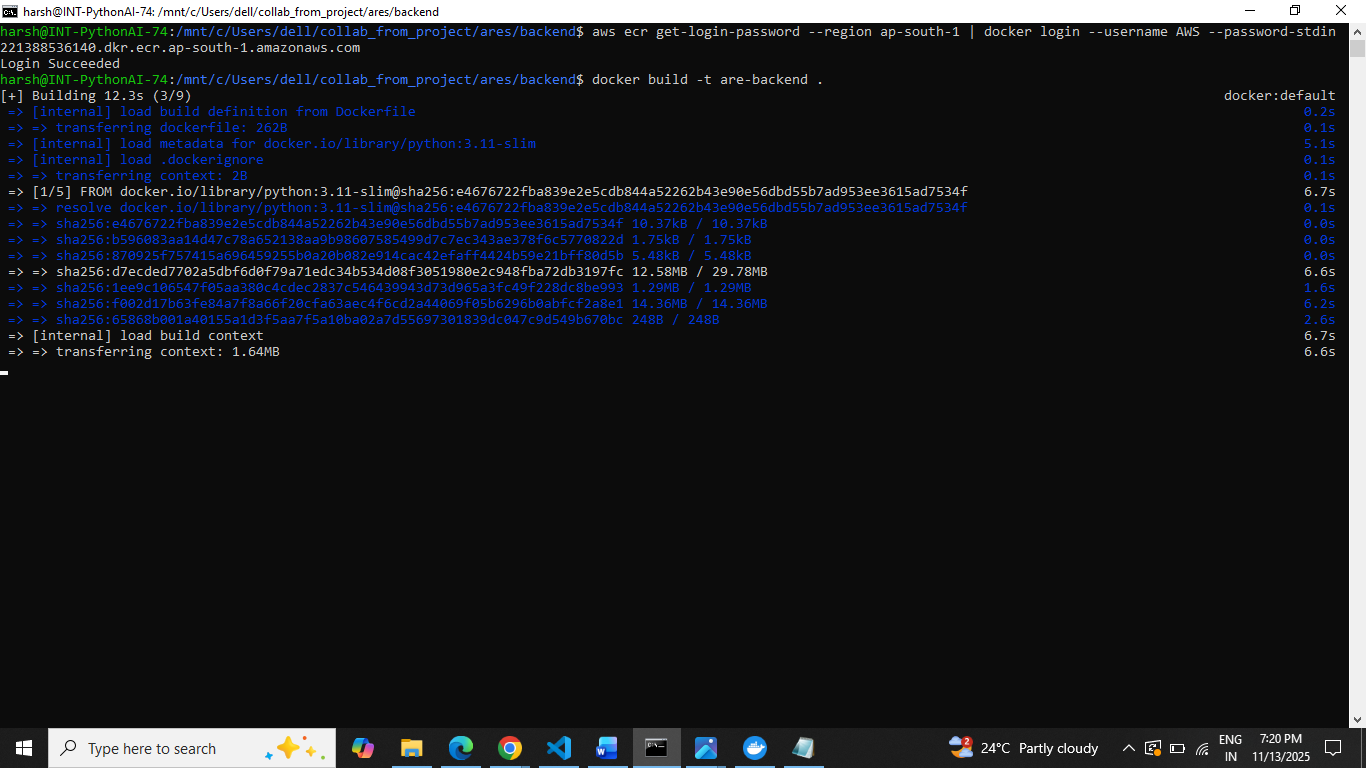
**ECR**1.Create Repository

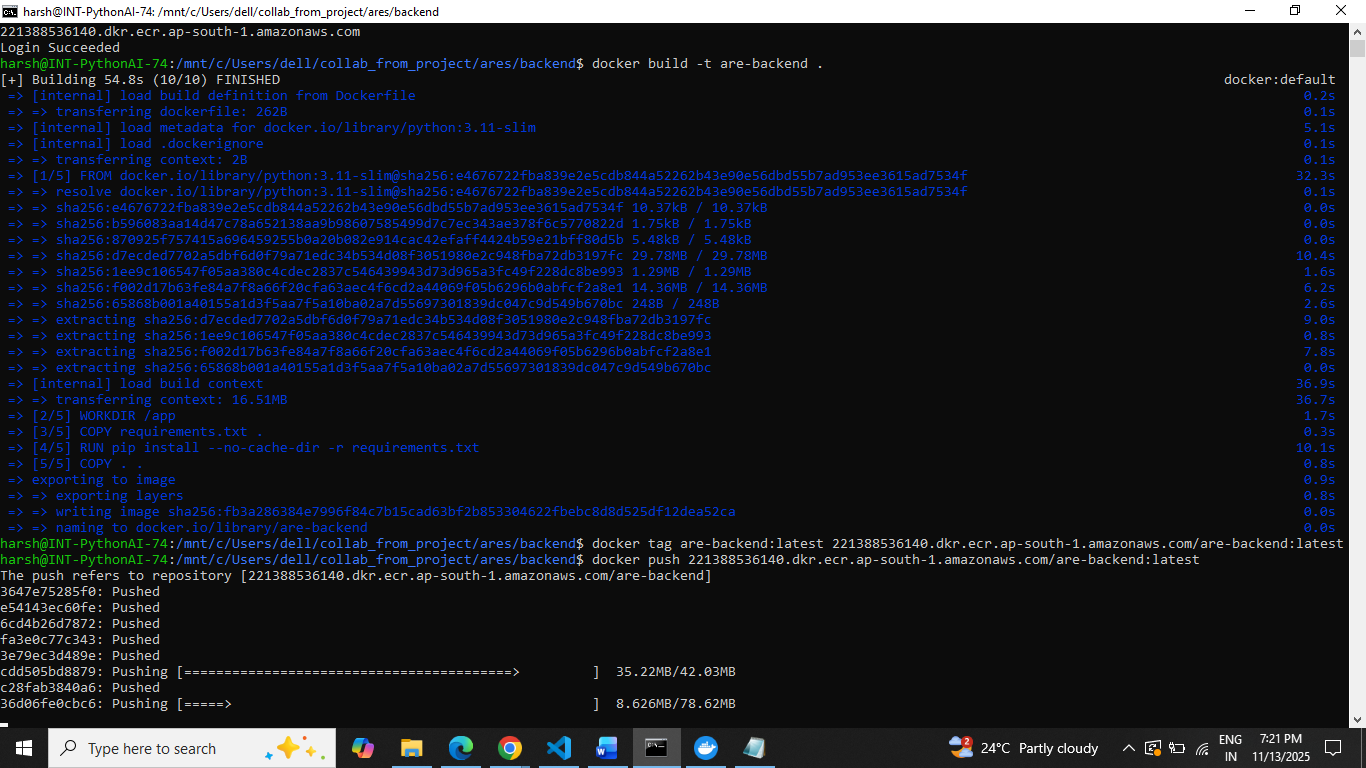
Backend and Frontend



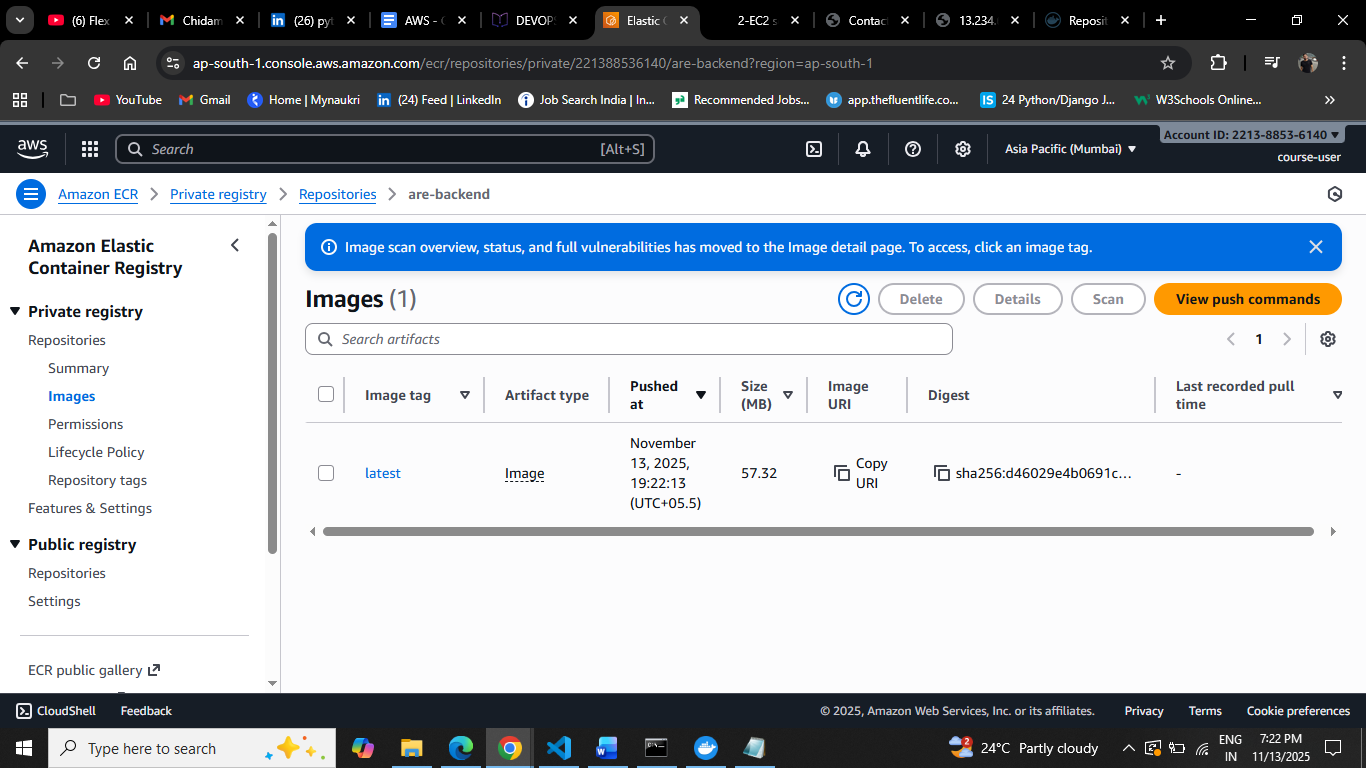


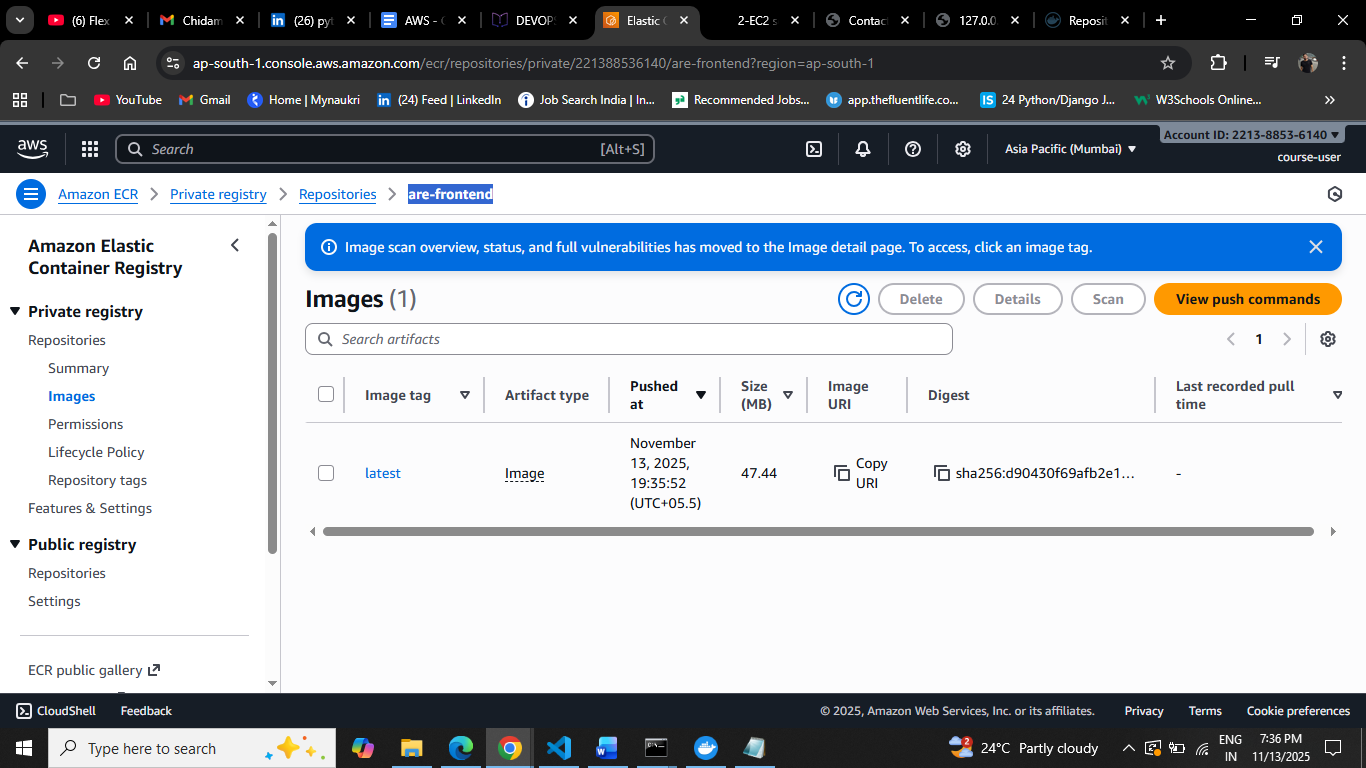
2.Follow the steps of Push



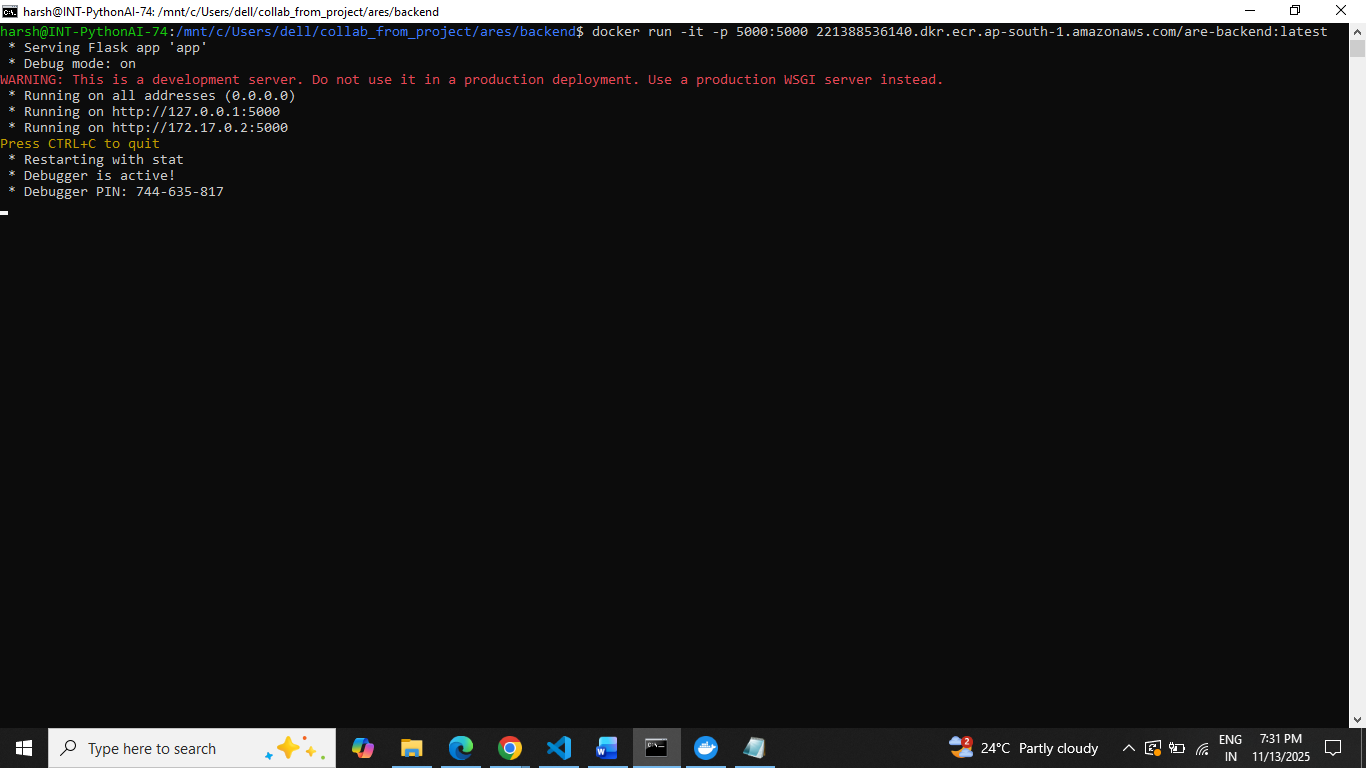


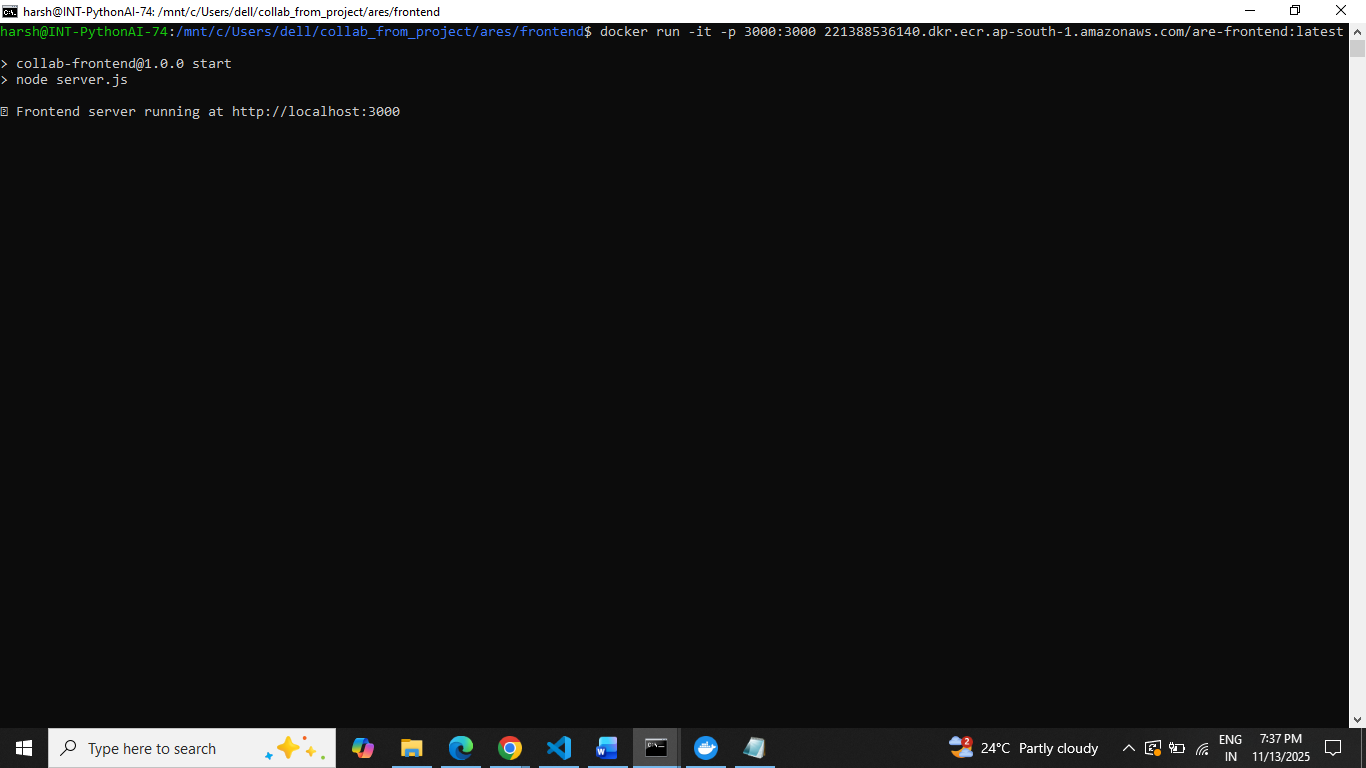
3.Backend and Frontend Image



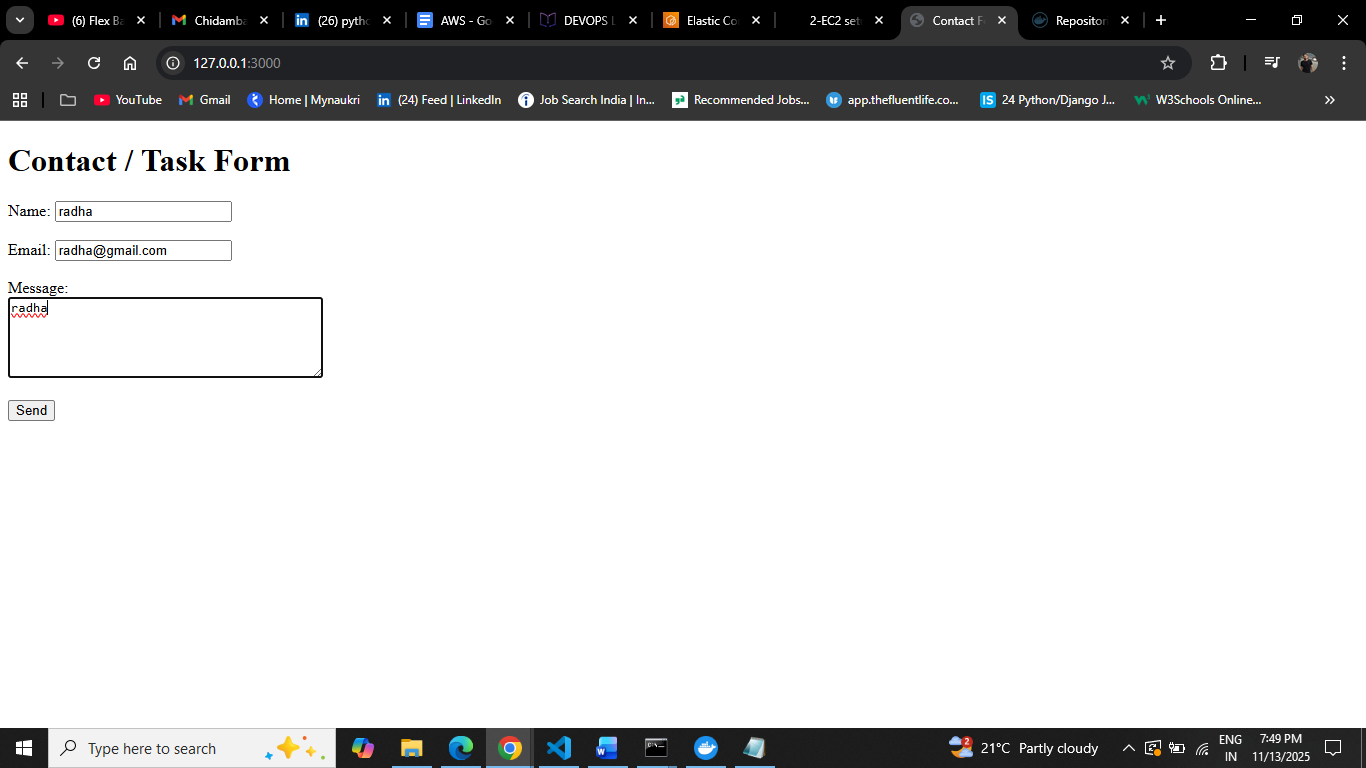


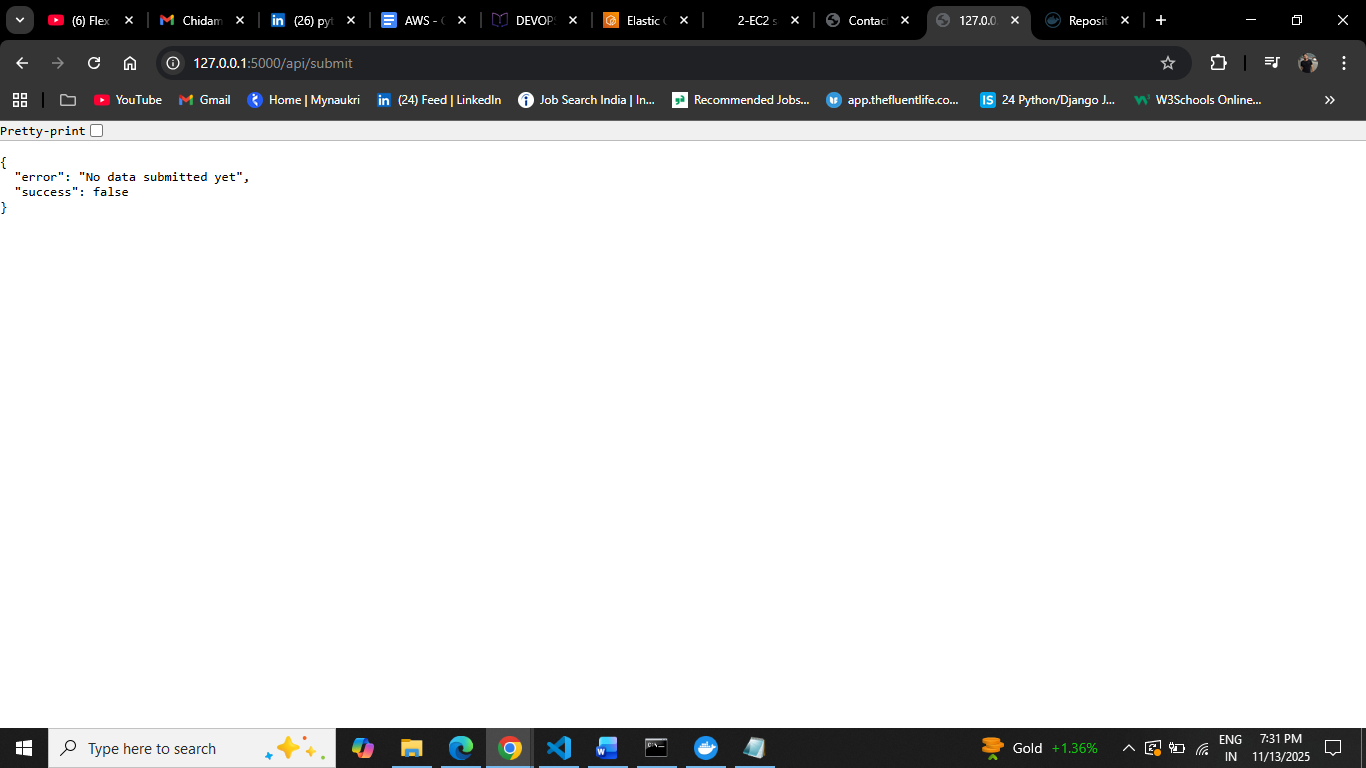
4.Run Backend and Frontend





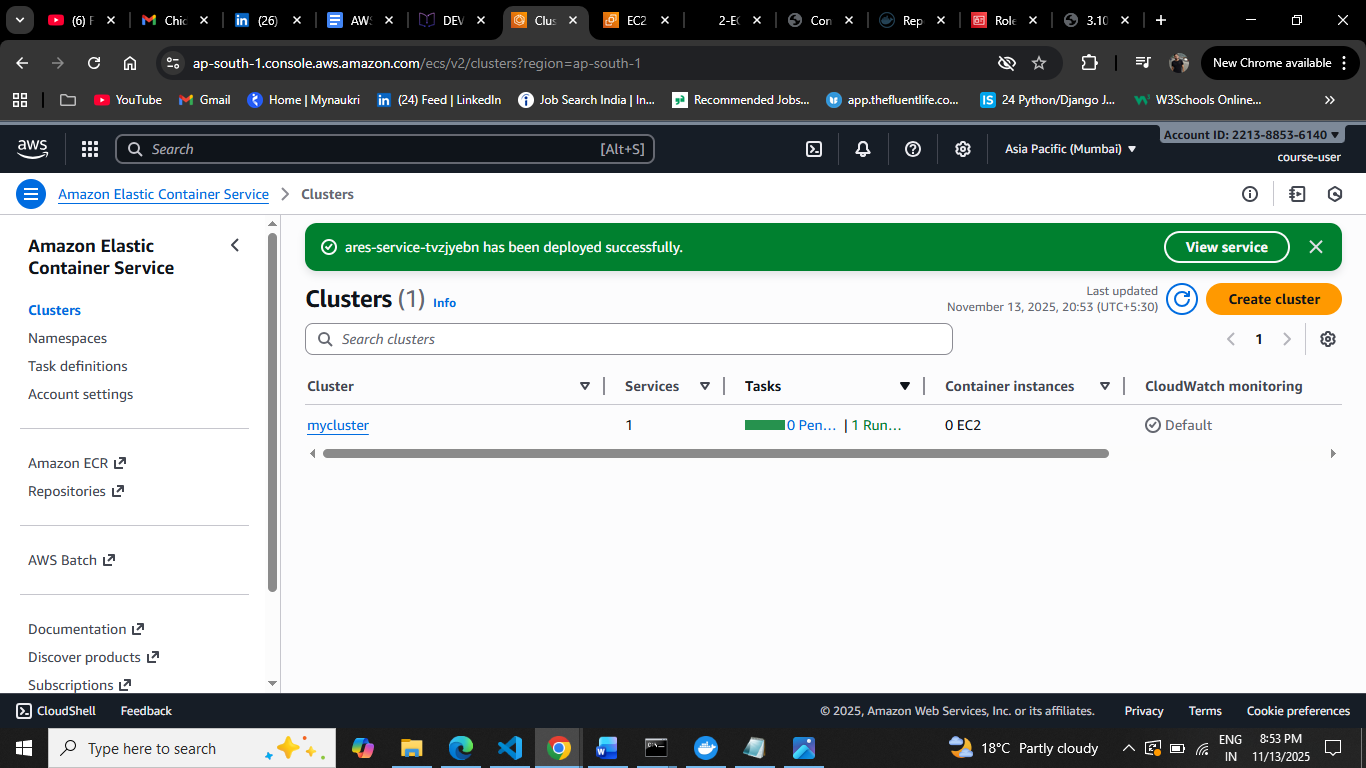
5.API Calling Backend and Frontend



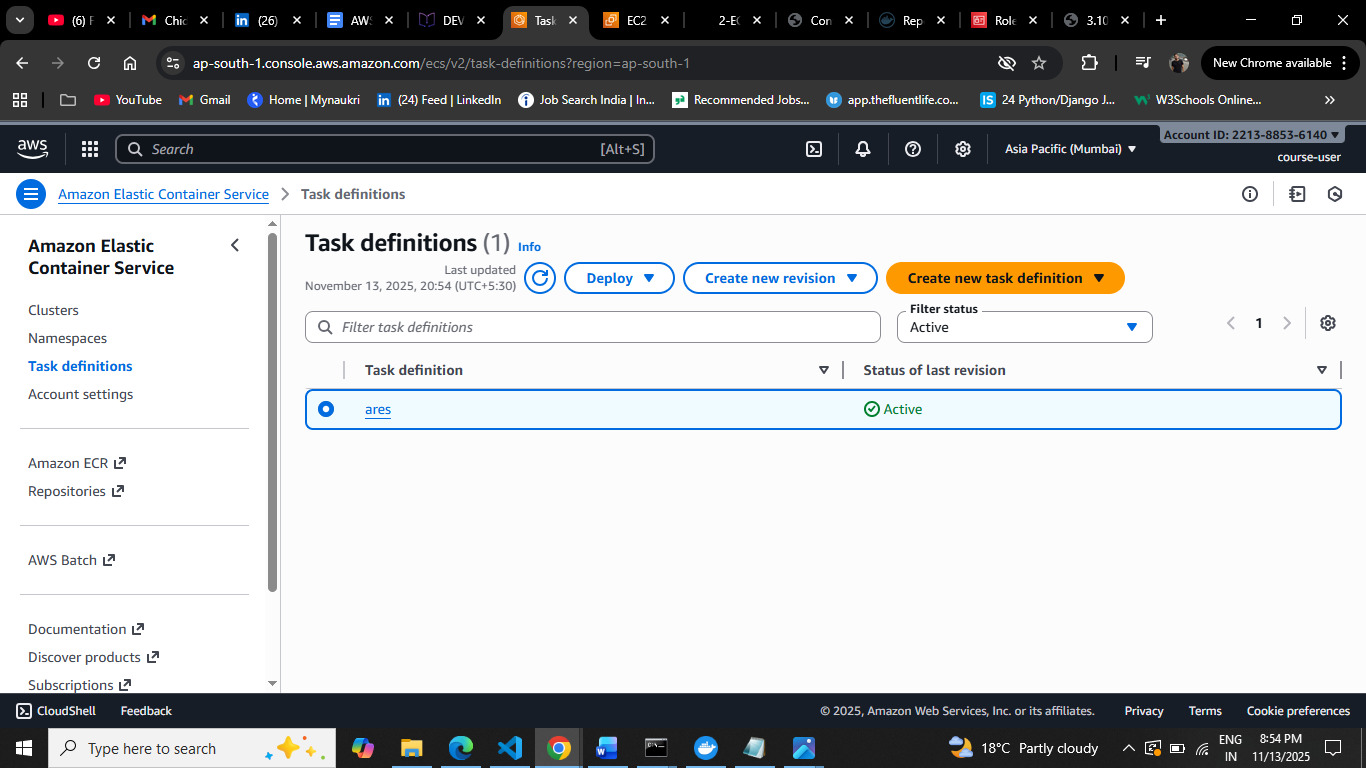


**ECS**

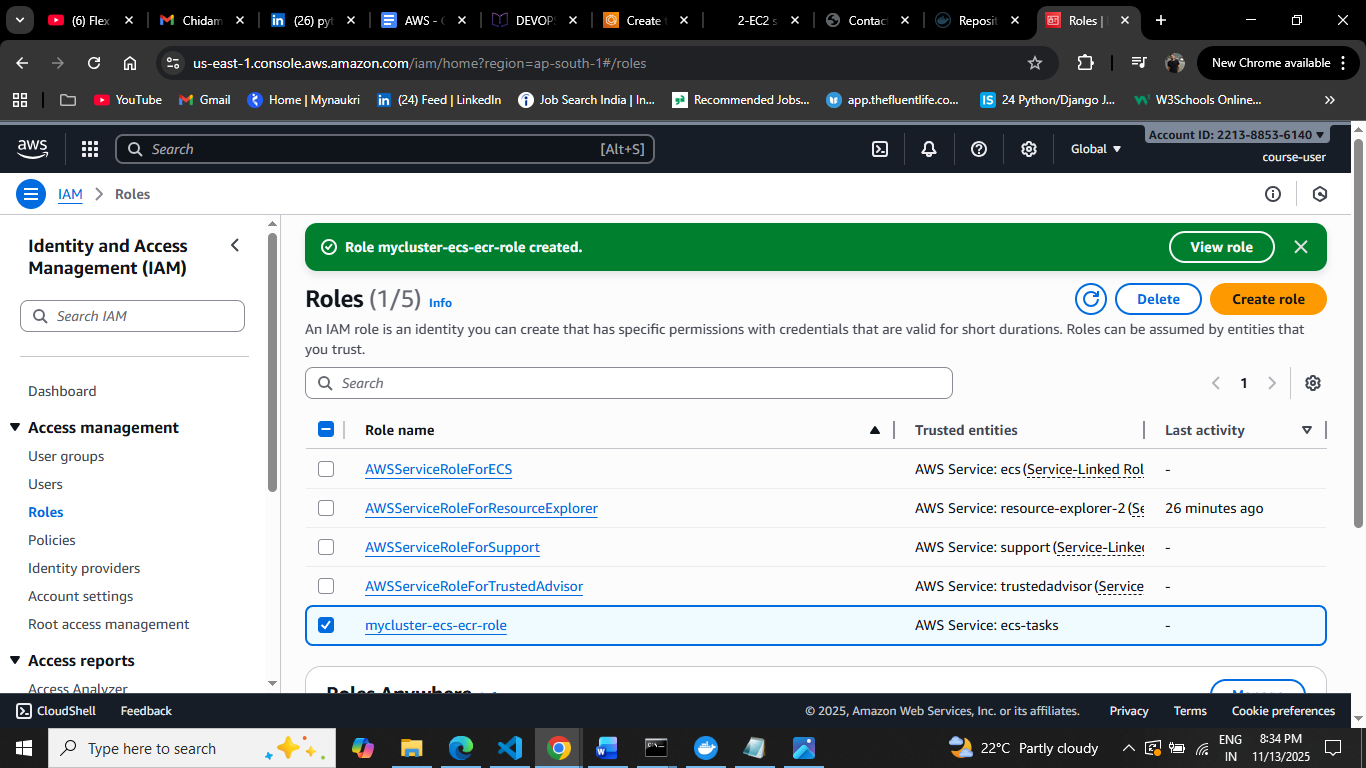
1.Create Cluster



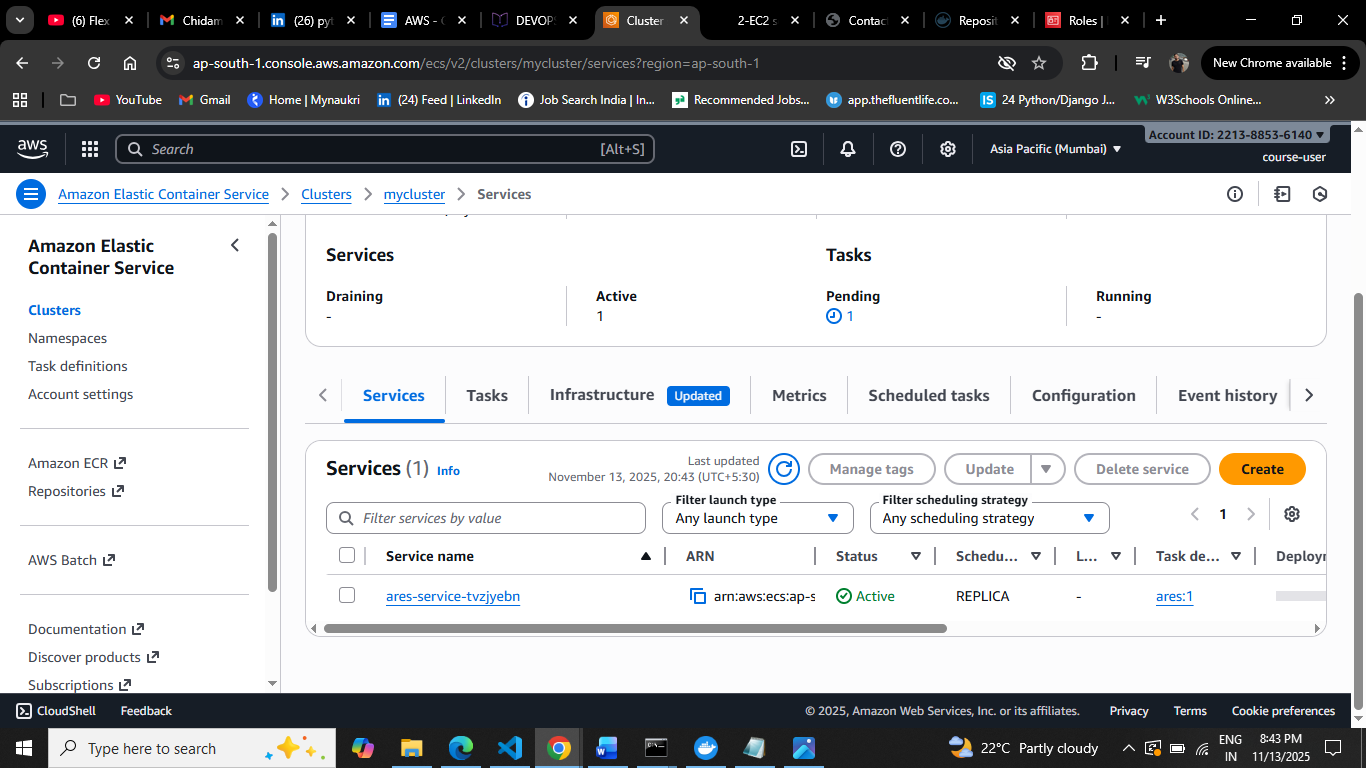
2.Create Task



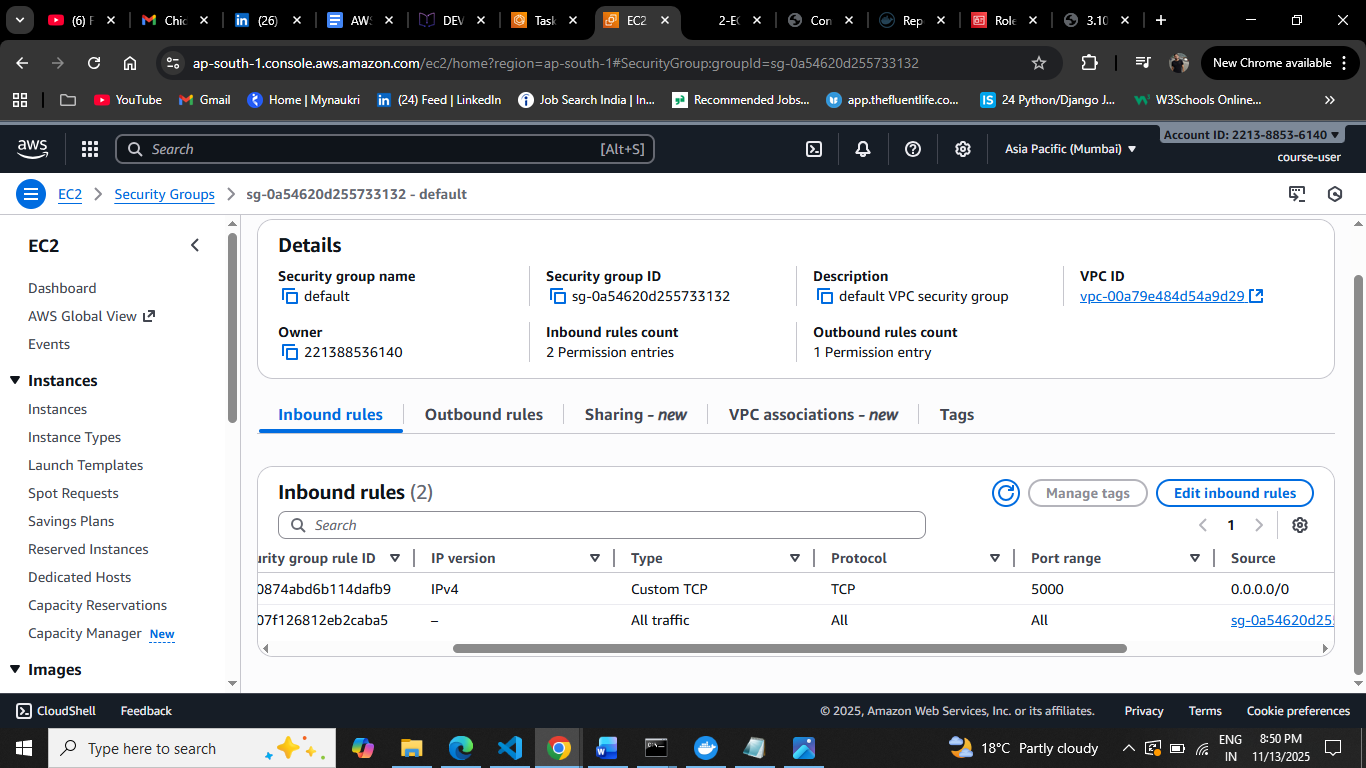
3.Create Role



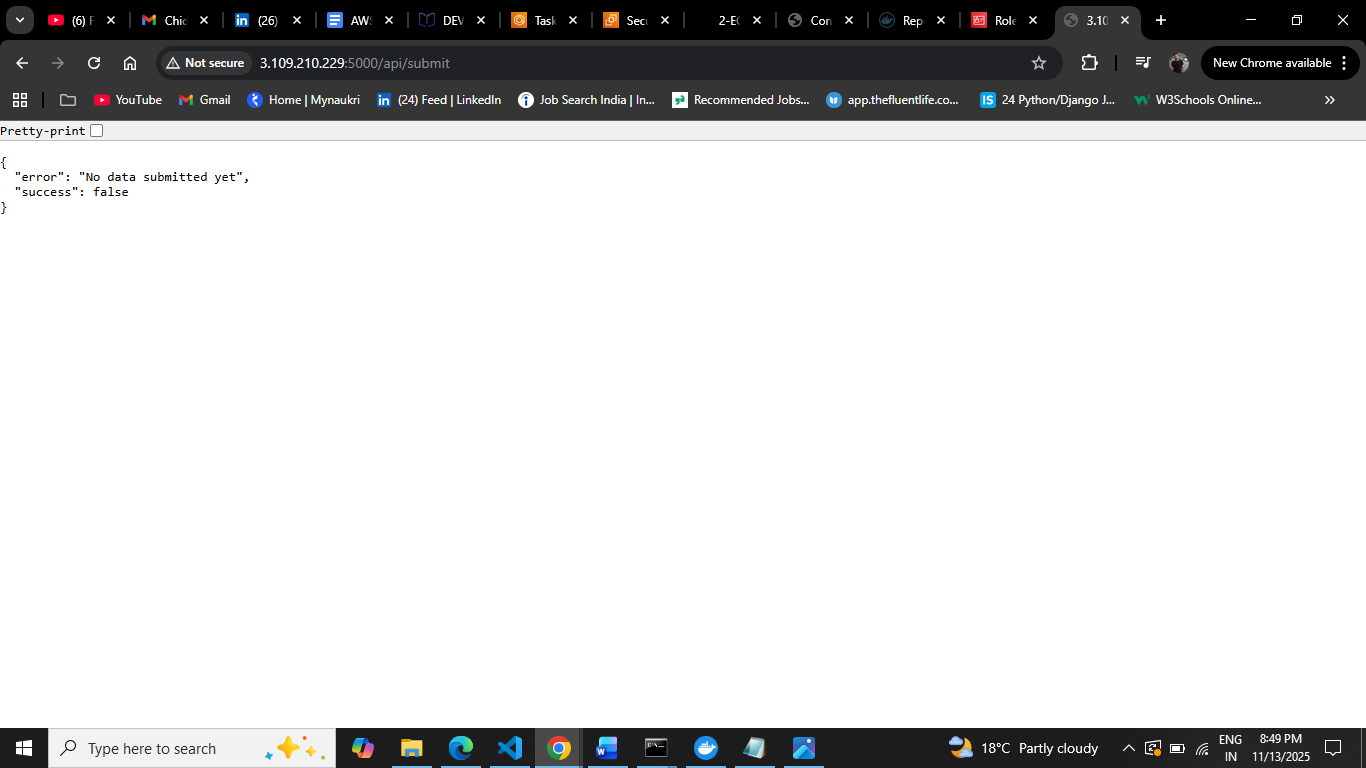
4.Create Service



5.Permission Port



6.Public IP ID



**VPC**

1. VPC

