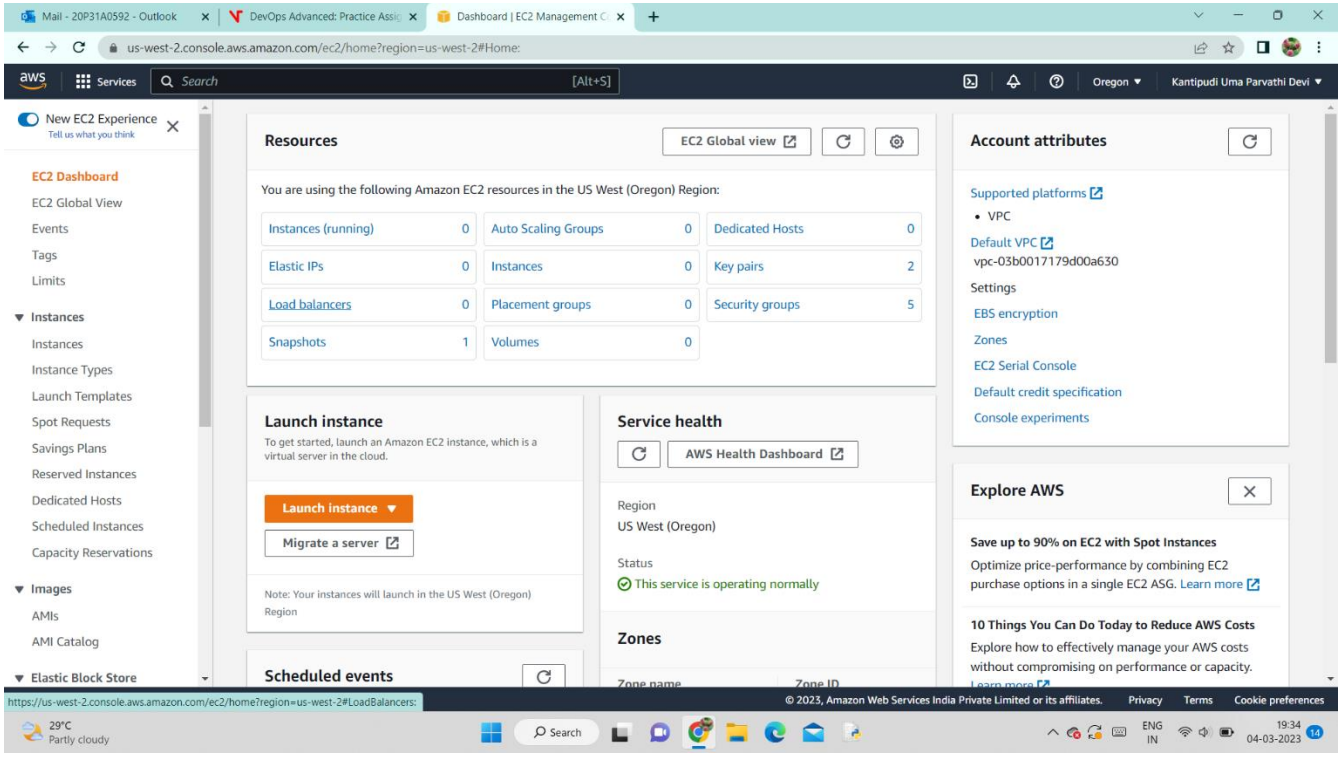
CONNECTION TO YOUR EC2 THROUGH GIT BASH

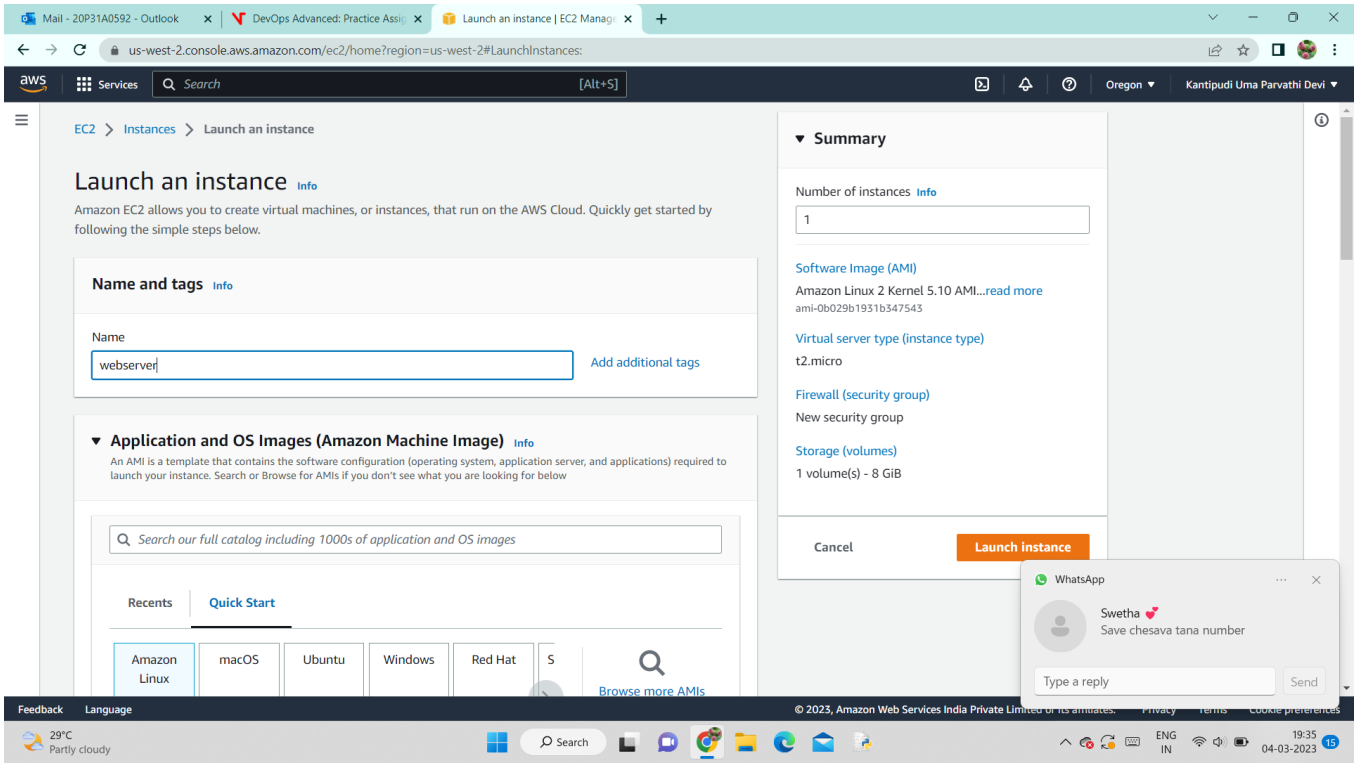
In this activity I am going to do

1. Creation of an EC2 instance with ubuntu image.
2. Connecting the created ec2 instance through GIT Bash.
3. Install nodejs application in that instance.
4. Allocation of an elastic IP address to my EC2 instance.

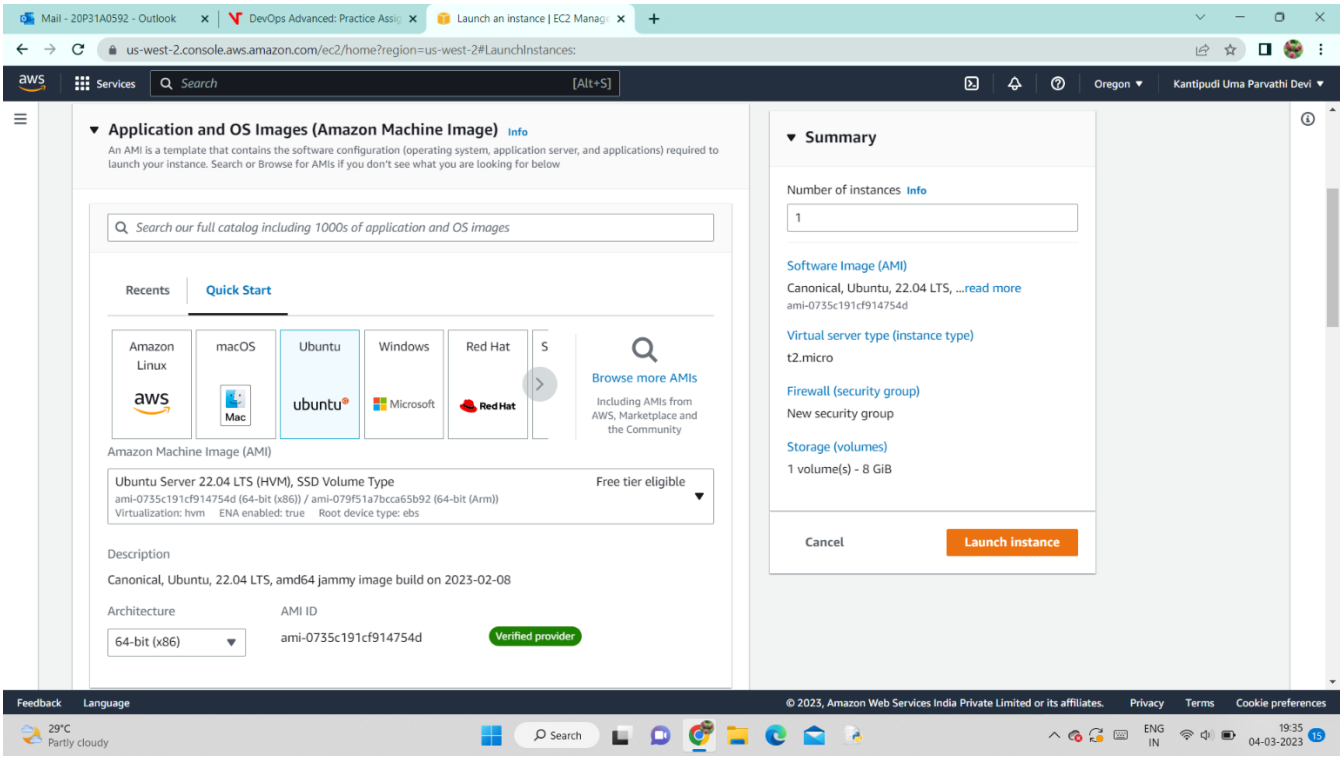
Step 1 : Go to Ec2 dashboard in Amazon management console and click on Launch instance.



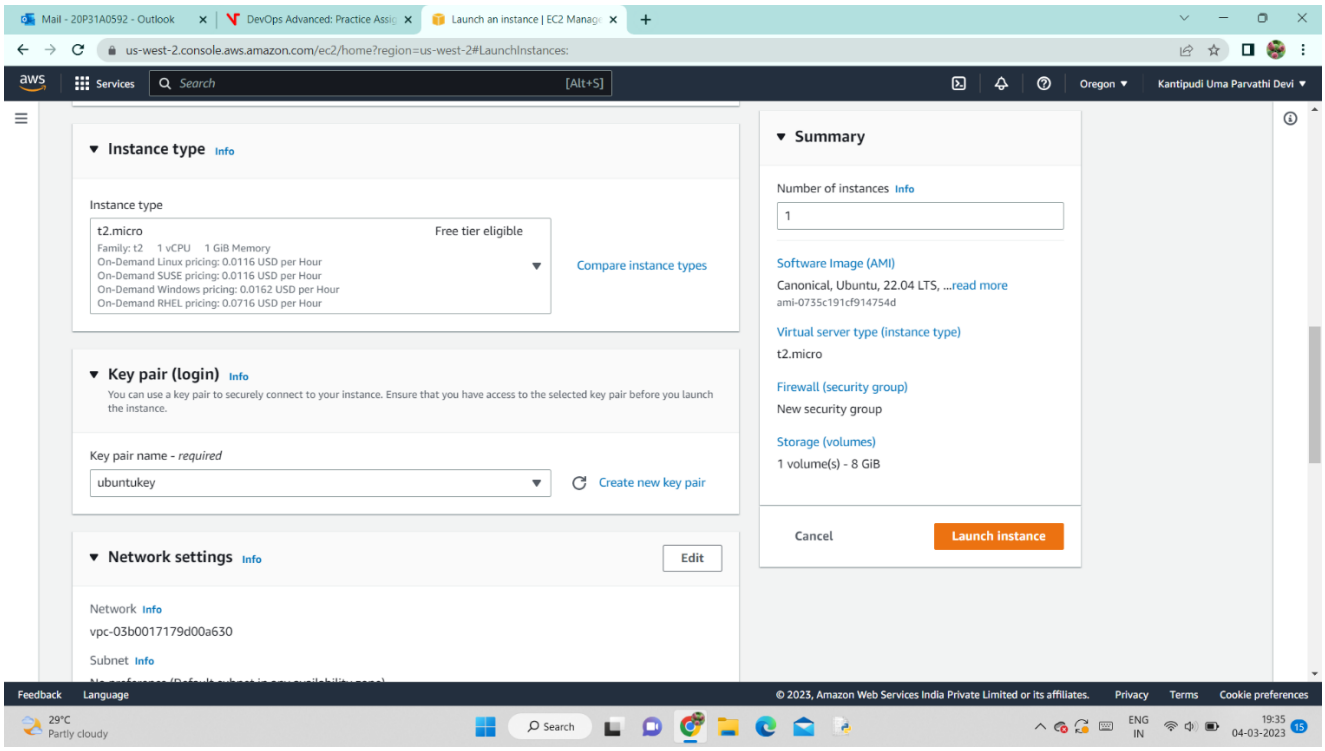
STEP 2 : Give a name to your instance.



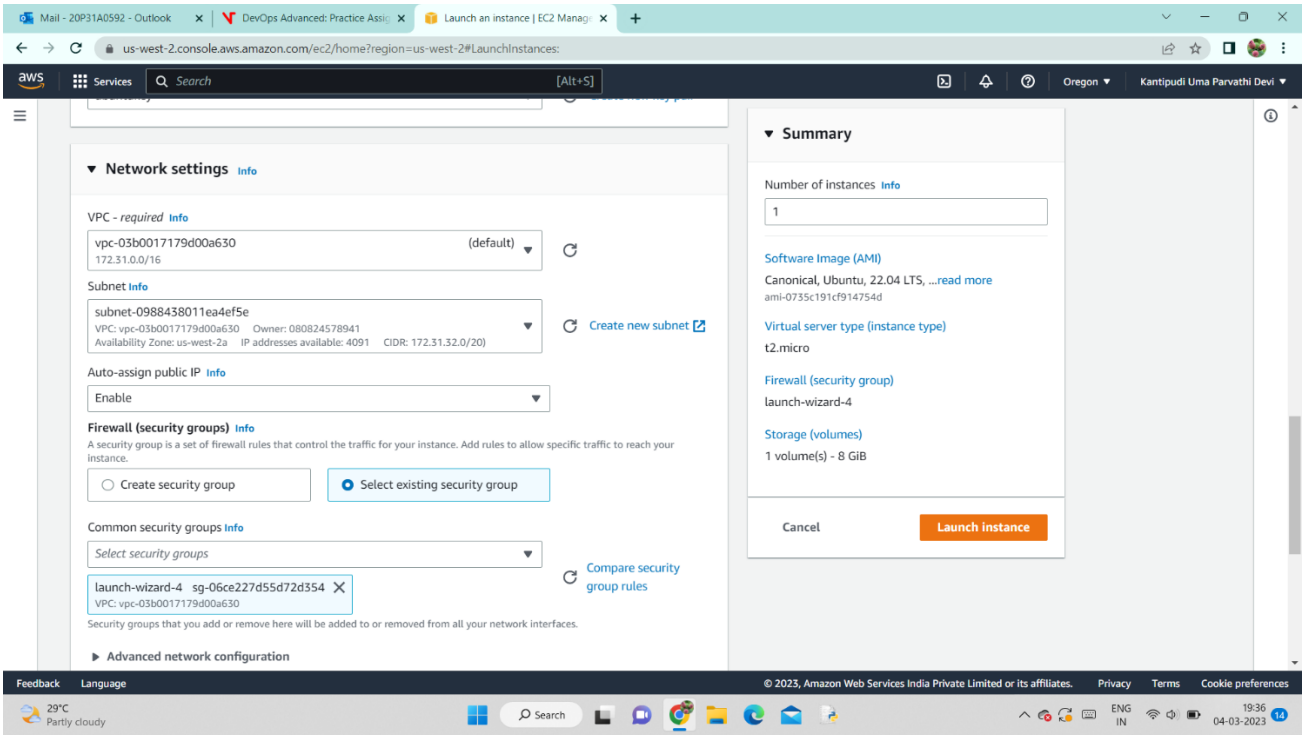
STEP 3 : Select an Ubuntu AMI. Here I selected an Ubuntu AMI which is eligible for free tier.



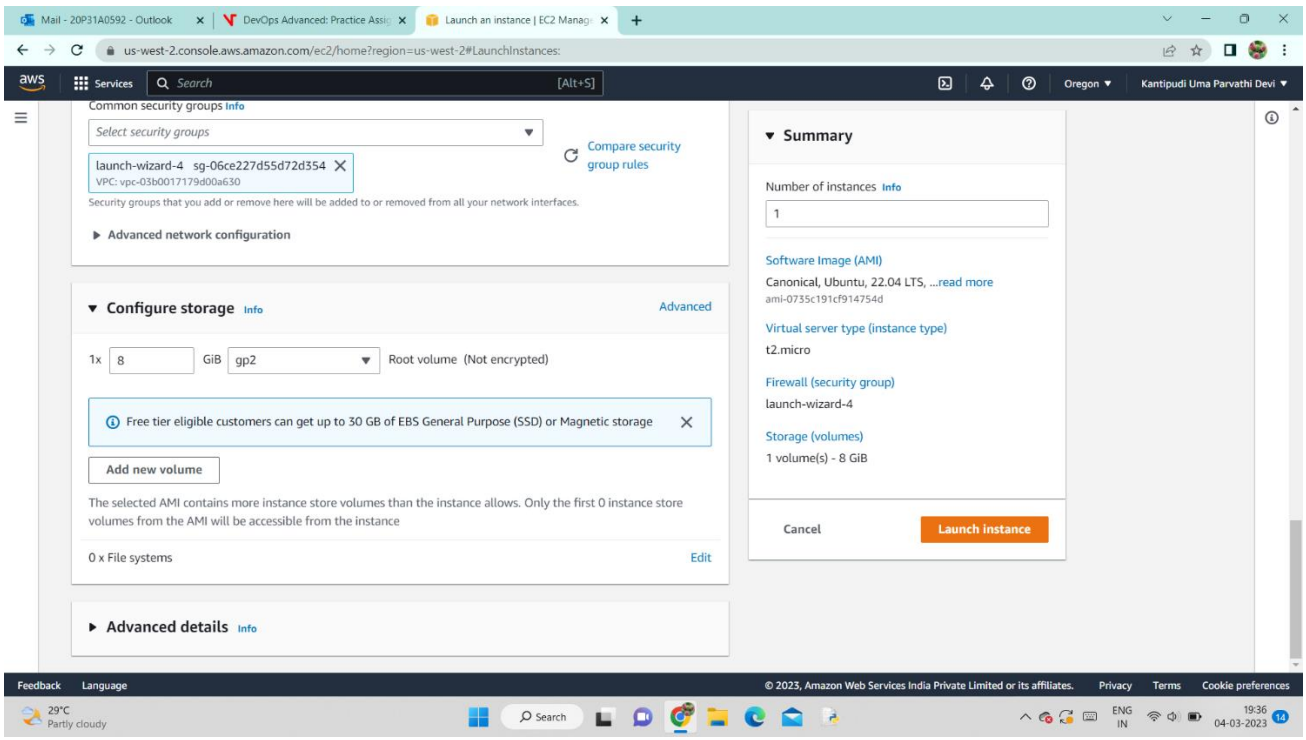
STEP 4 : Select an instance type and create a key pair for your instance. I already have a key pair with me , so I selected it.



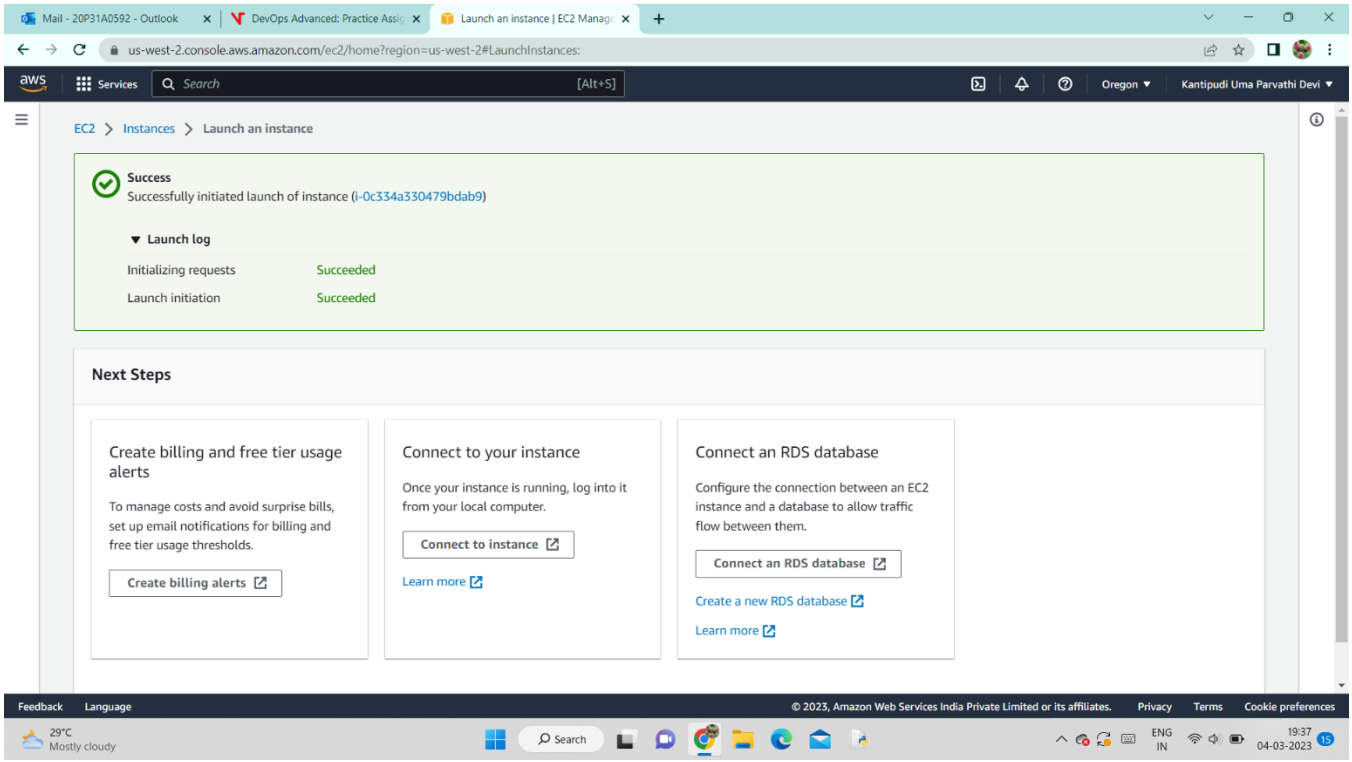
STEP 5 : Select your required VPC and subnets. Now create a security group with required traffic ports or you can select a security group if you already have one with you.



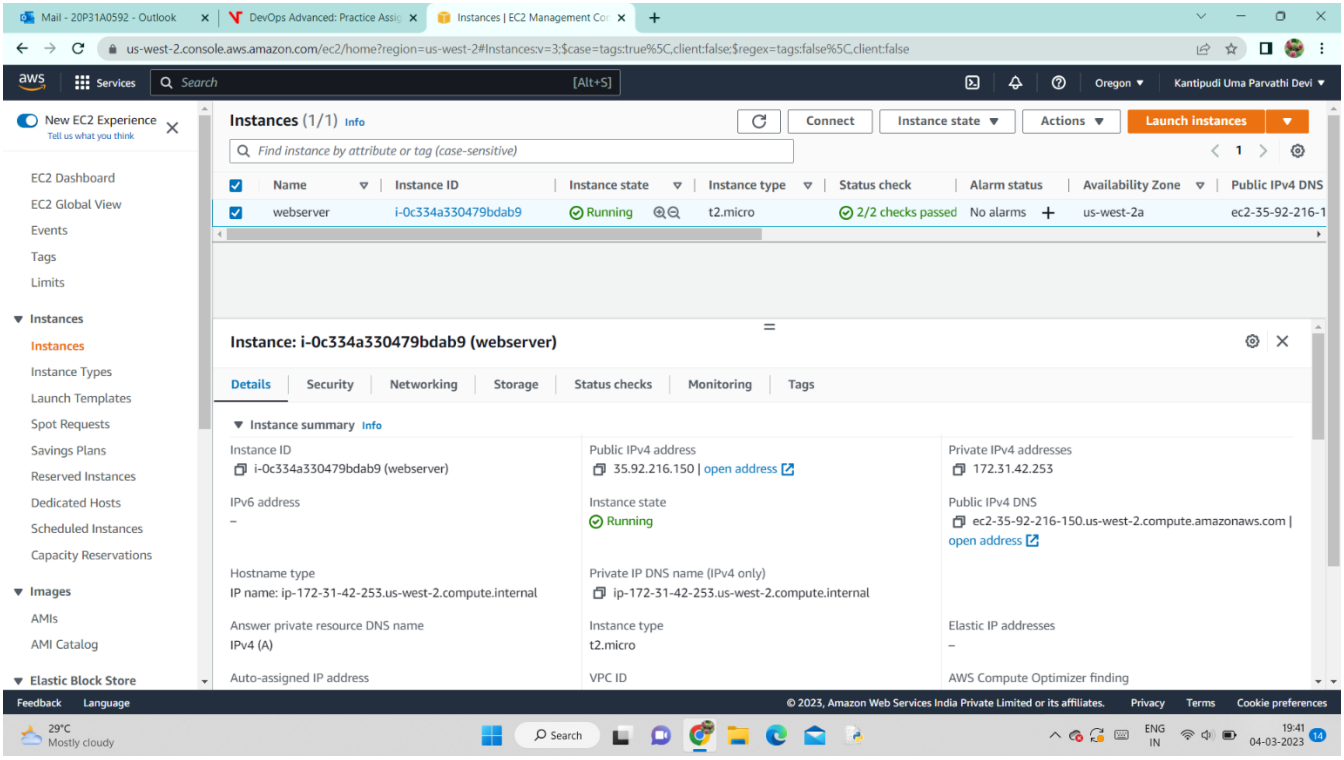
STEP 6 : Now configure a storage capacity you need and click on “Launch instance”.



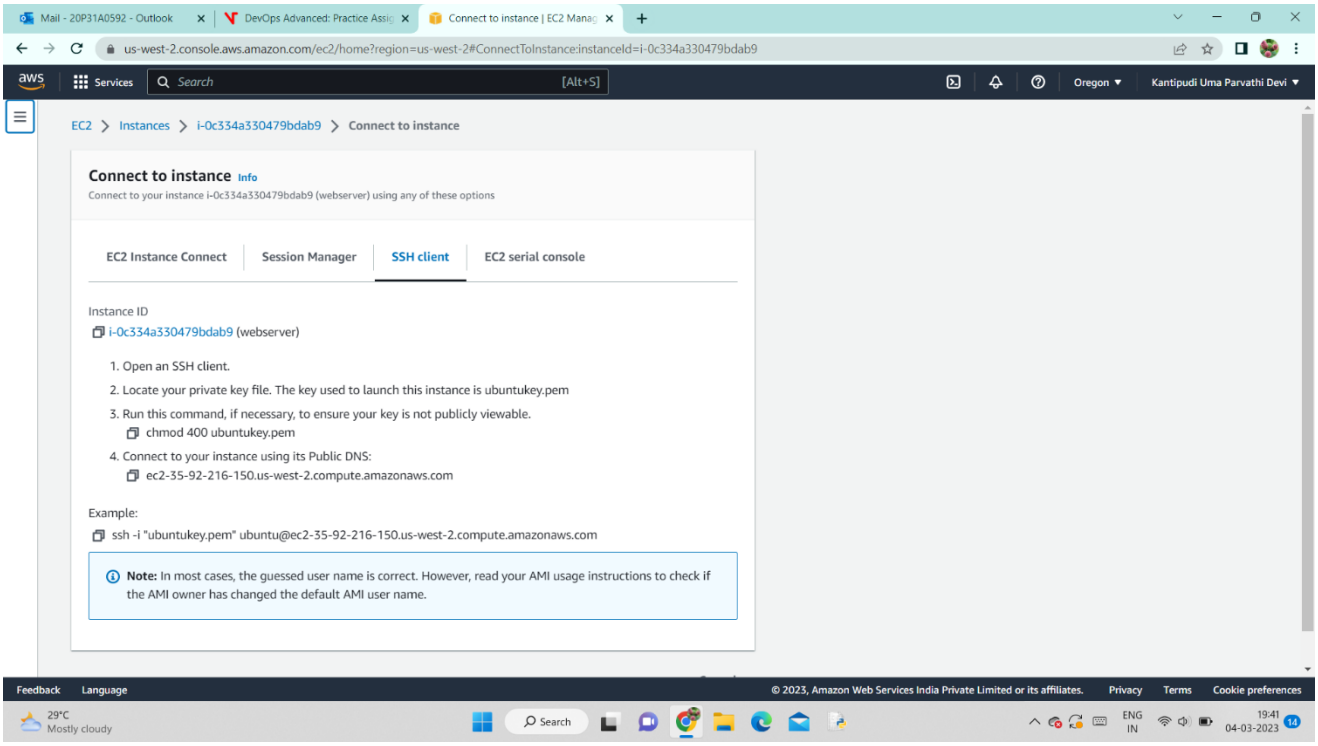
STEP 7 : Check you launch logs.



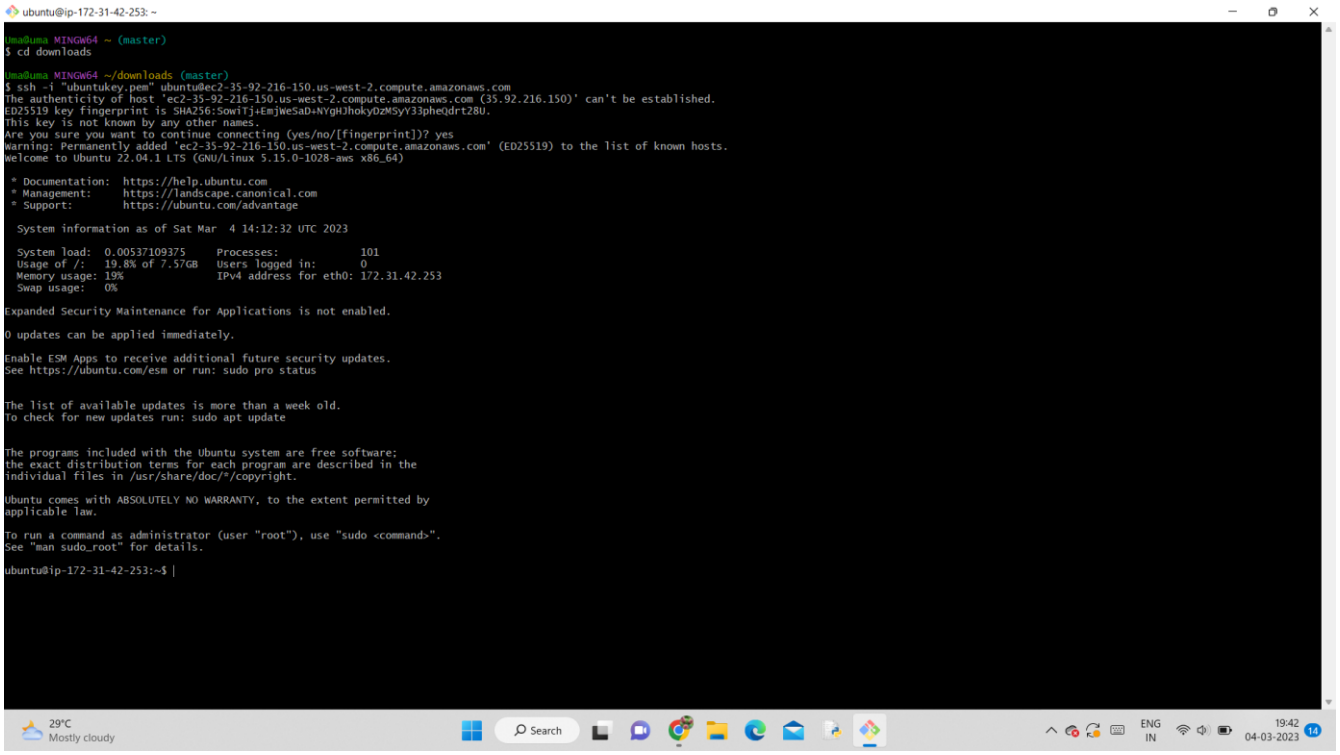
STEP 8 : Check your instance state and status.



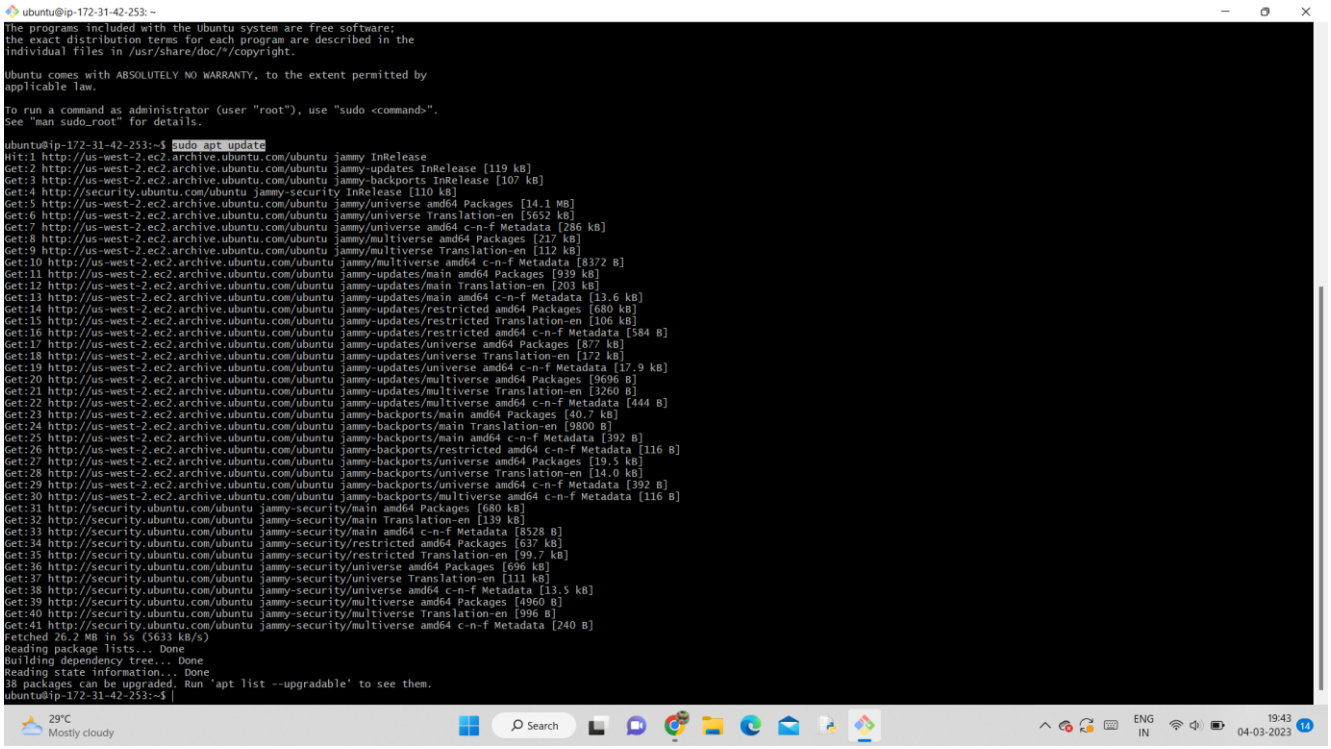
STEP 9 : Go to connect option of your instance and then click on SSH client. Now copy the SSH command.



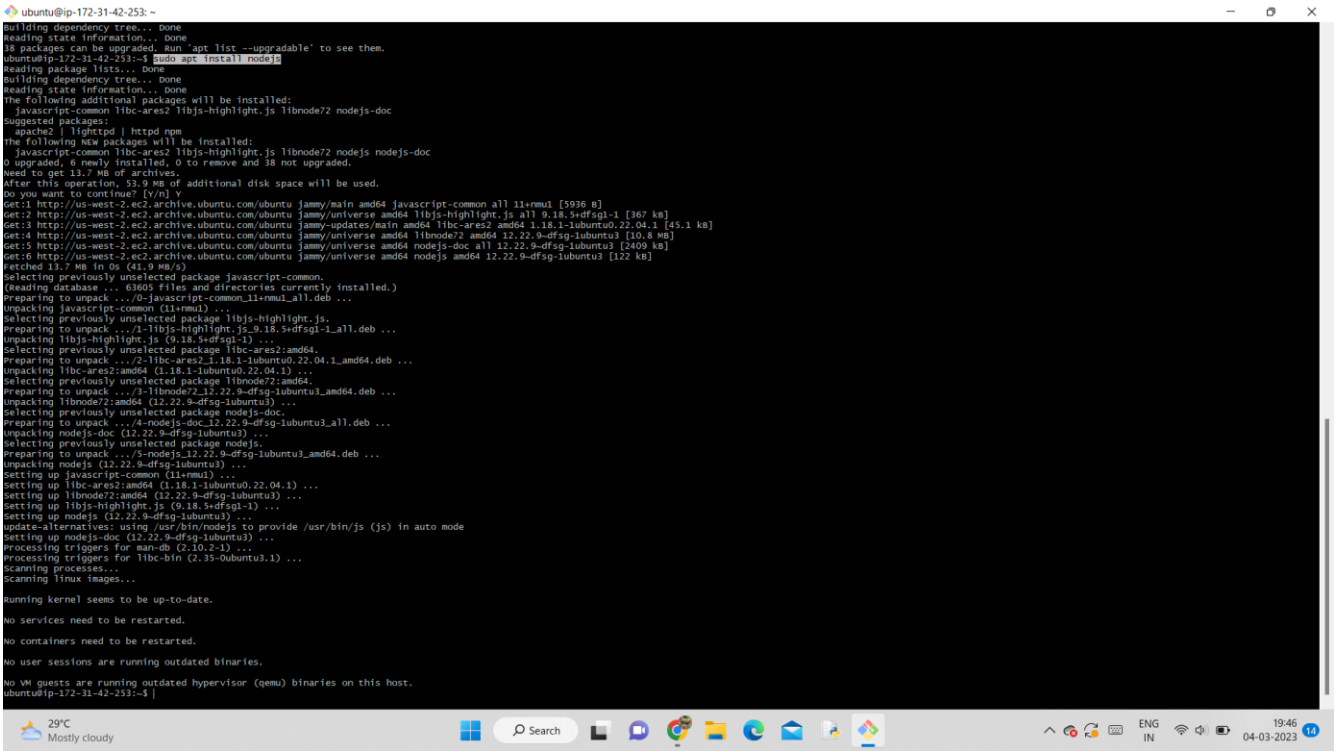
STEP 9 : Paste the command in your Git Bash which is presented in your local system.



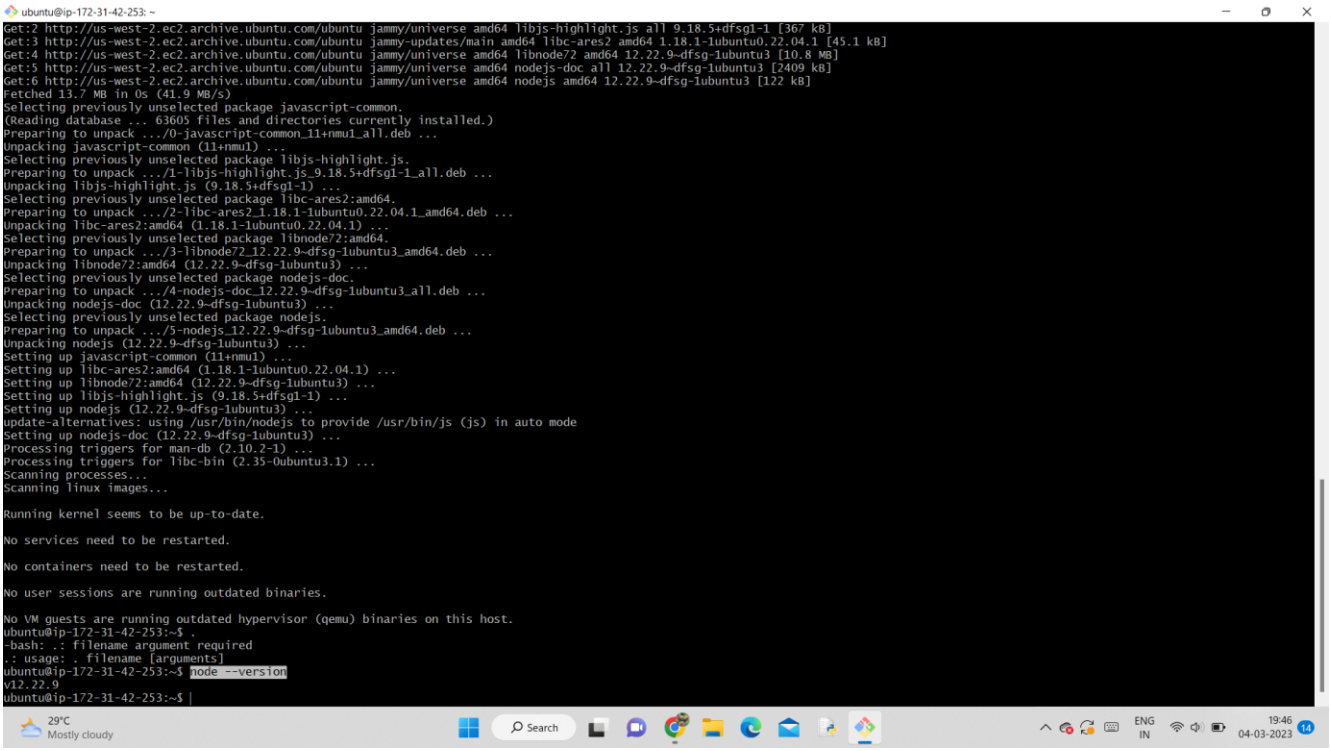
STEP 10 :Now update your instance by giving the command “sudo apt update”.



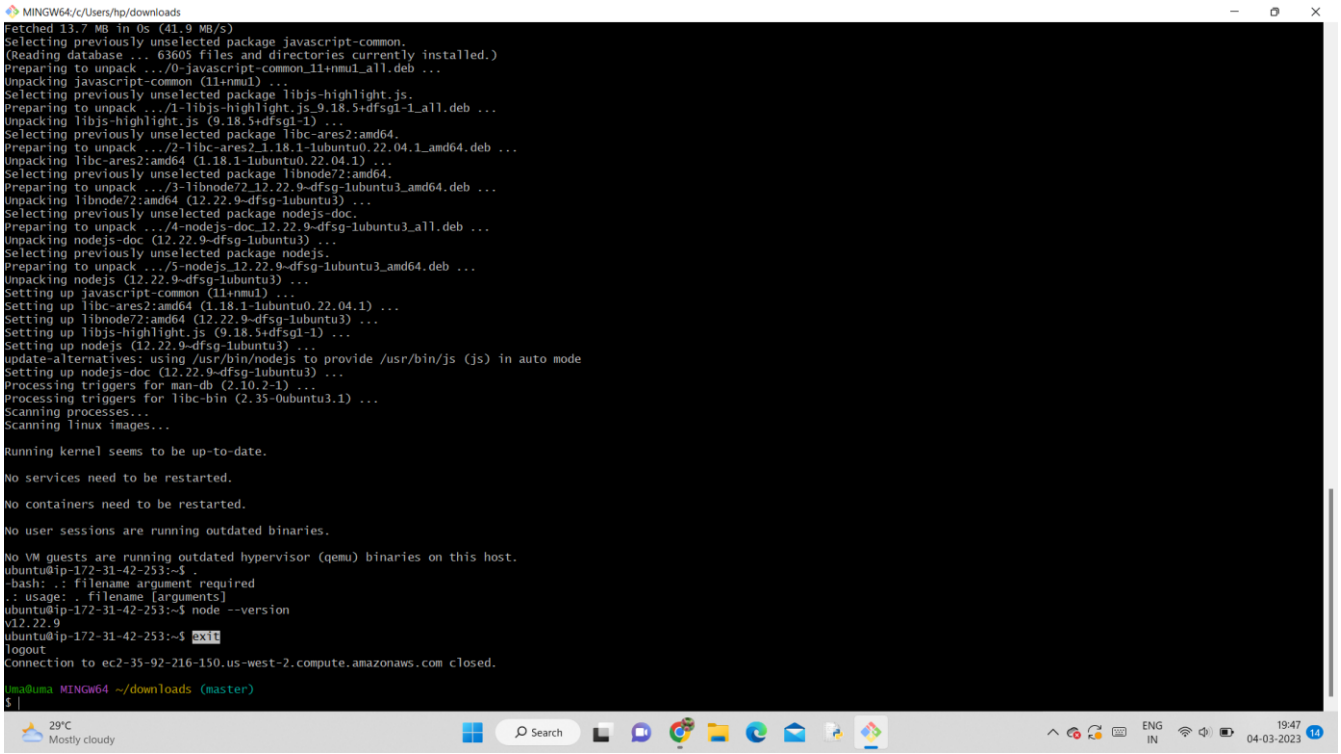
STEP 11 : To install nodejs in your instance use the command “sudo apt install nodejs”.



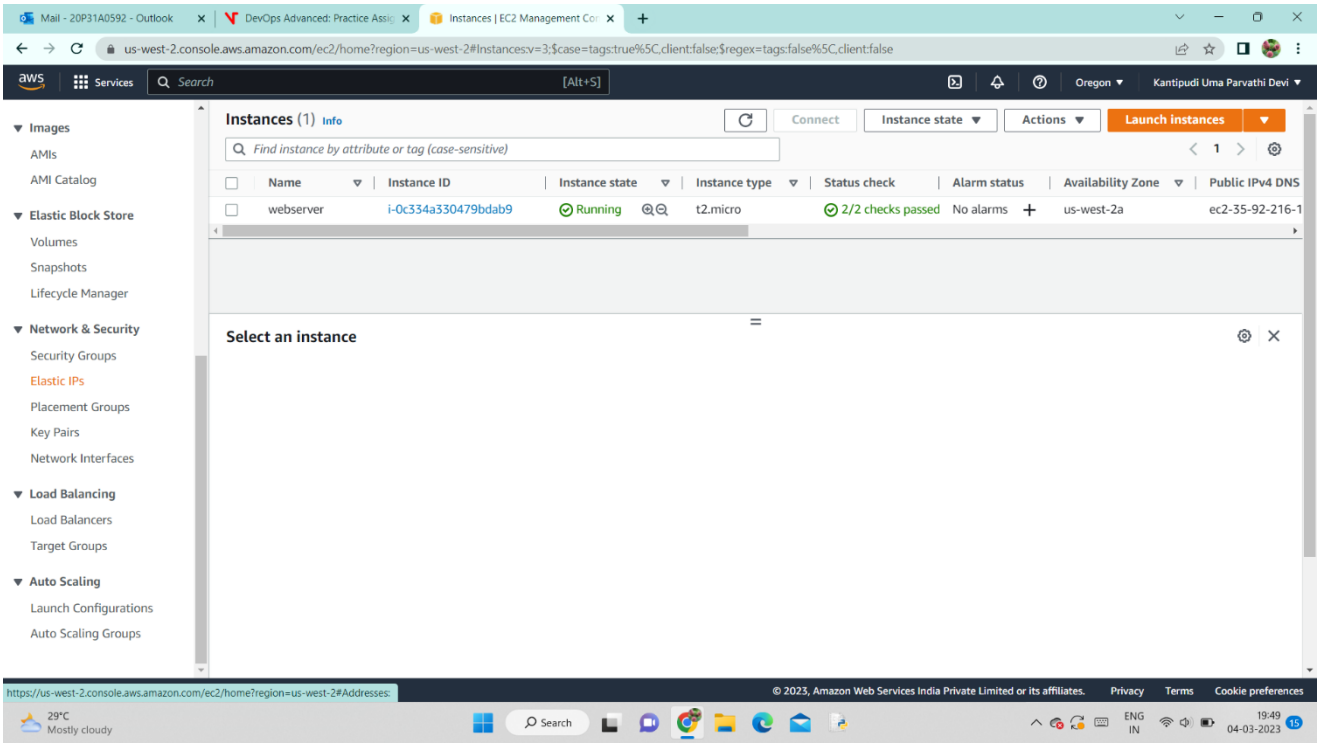
STEP 12 :To check the version of nodejs give the command “node –version”.



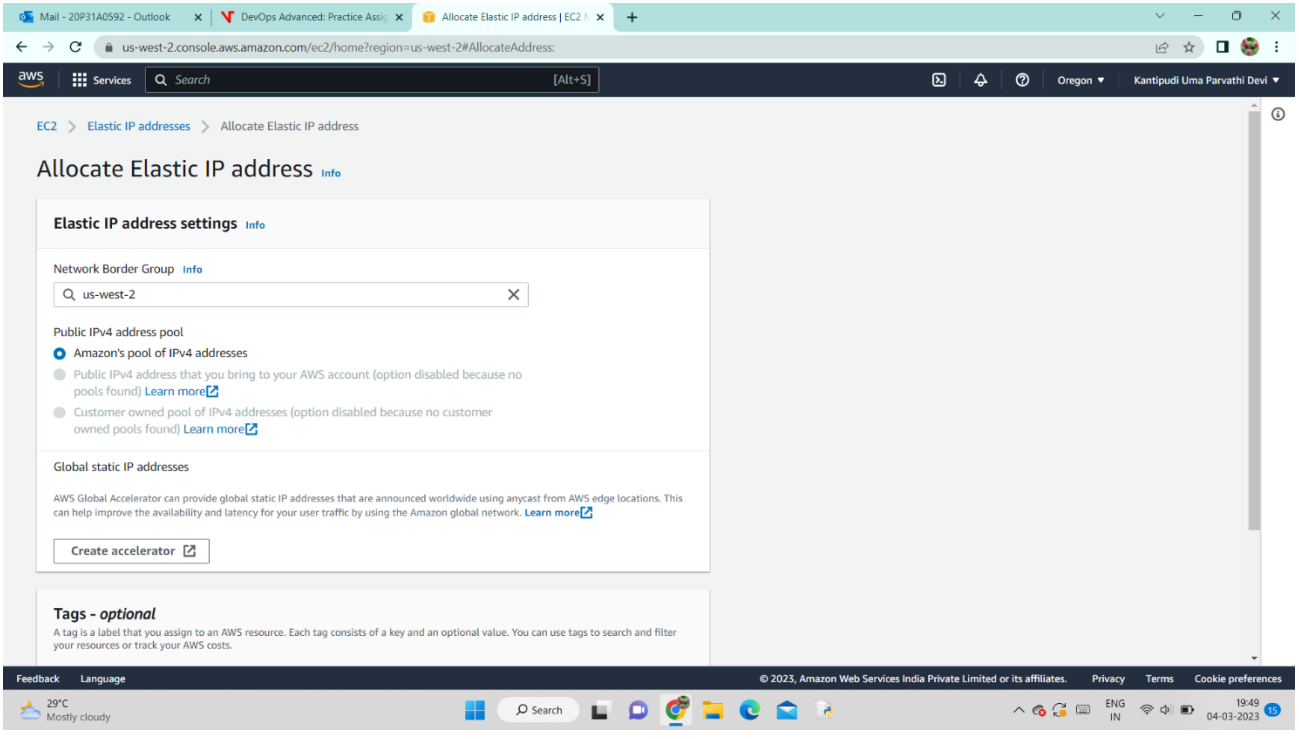
STEP 13 : To exit from our instance , give the command “exit”.



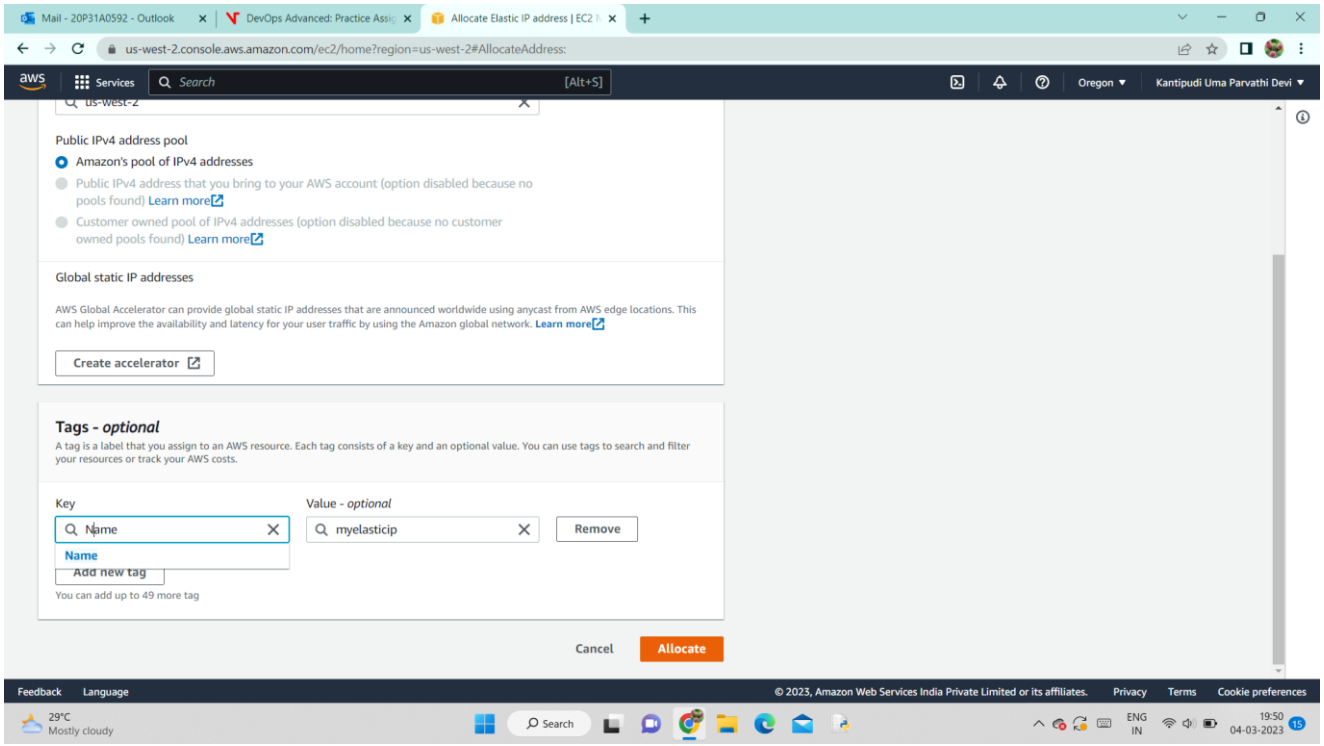
STEP 14 : Allocate elastic IP to your instance. To Allocate elastic IP click on Elastic IPs under “Networking & Security”.



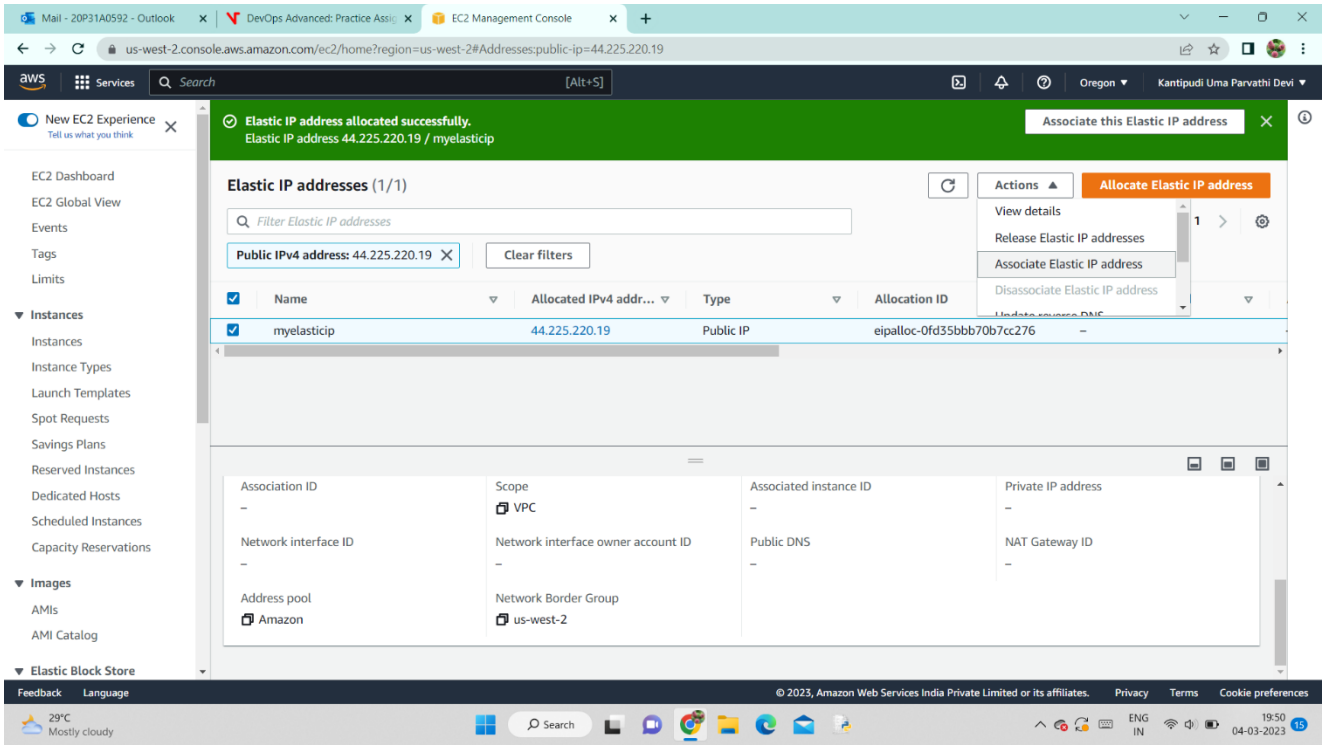
STEP 15 : Under Network Border Group , select the subnet and tick the “Amazon’s pool of IPv4 addresses”.



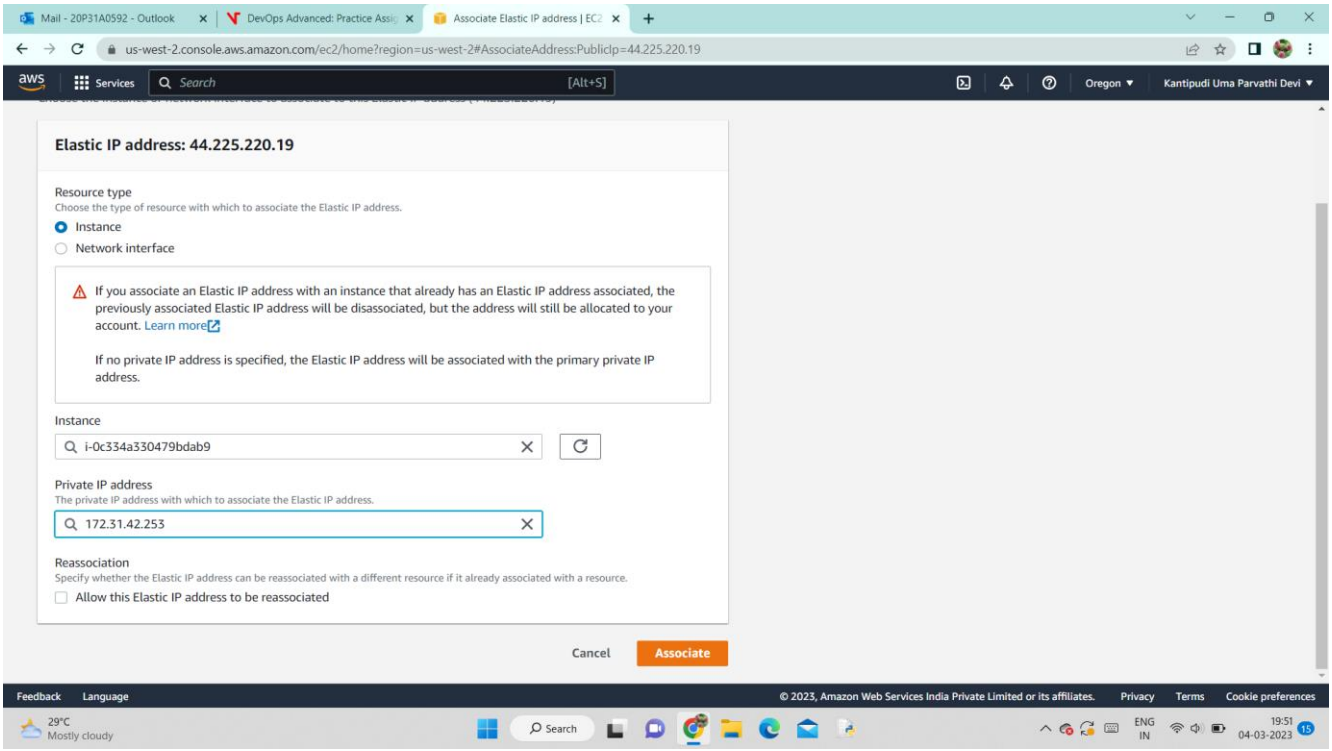
STEP 16 : Give a tag to your elastic IP and it is optional. Now click on “Allocate”.



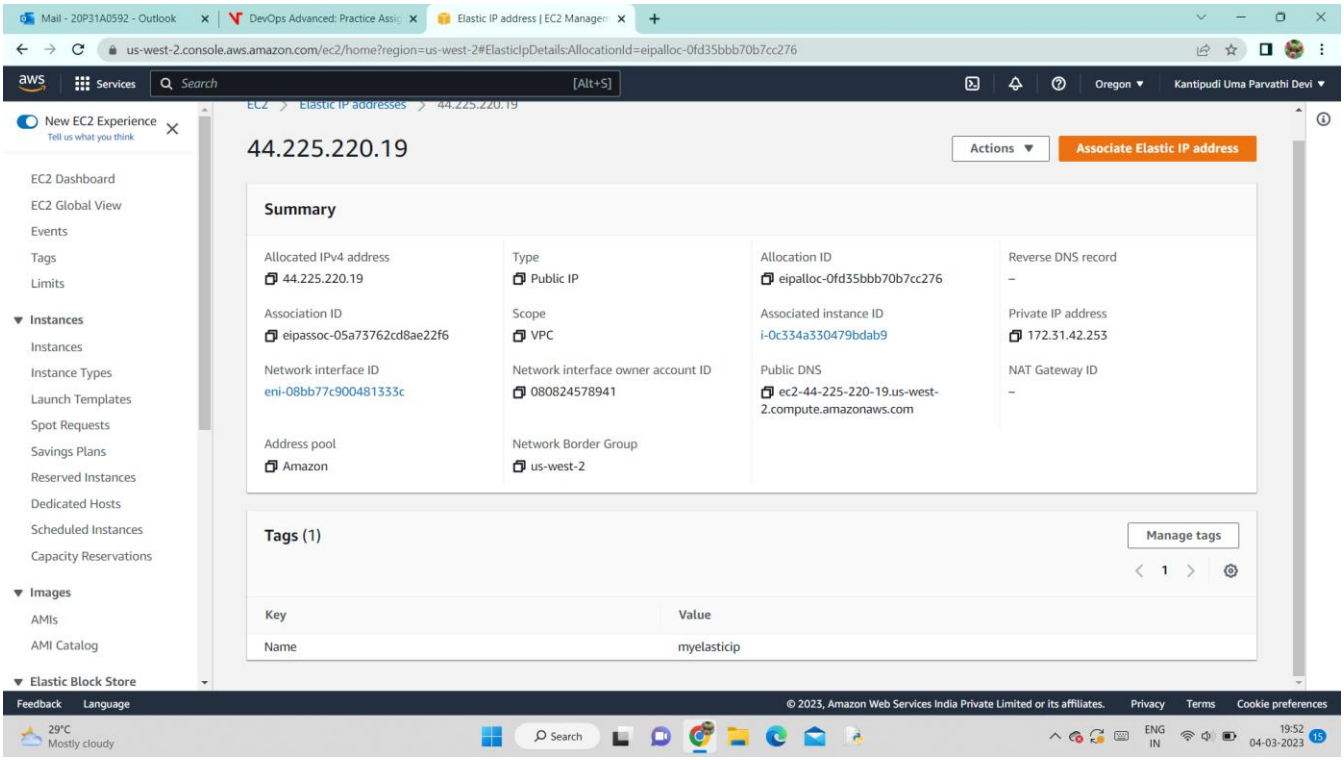
STEP 17 : An elastic IP eill be created. To associate it with our IP got to Actions and choose “Associate Elastic IP address”.



STEP 18 : Select your instance under Instance and click on “Associate”.



STEP 19 : View the summary of your Elastic IP.



STEP 20 : Go to your instance and go to Networking. You can view a page as follows having your associated Elastic IP address.