**PEERING**

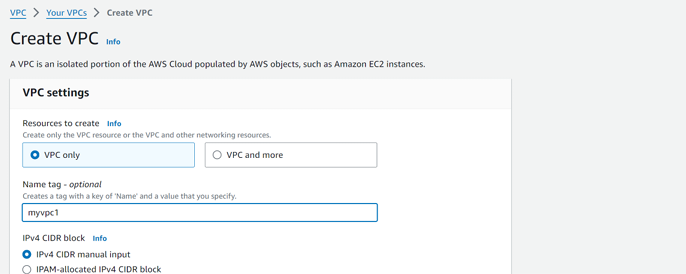
**Create two VPC’s in different regions and connect the two VPC’s**

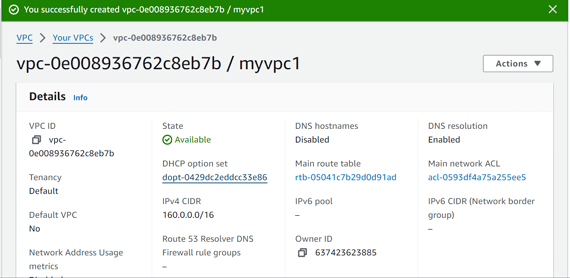
**STEP 1:**

**Creating vpc 1:**

NAME : myvpc1

Ipv4 ip address: 160.0.0.0/16

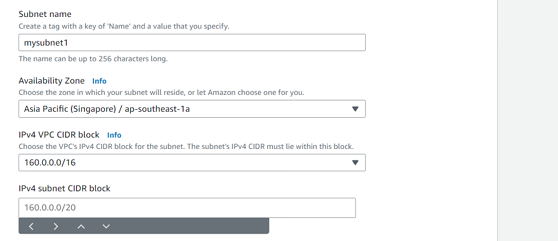


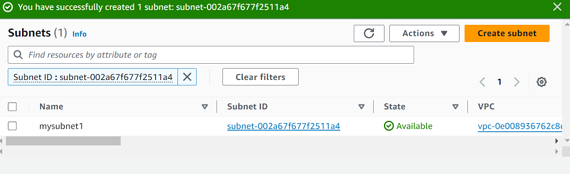


**Creating subnet-1:**

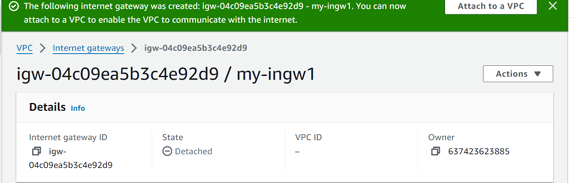
NAME : mysubnet1

IP address: 160.0.0.0/24

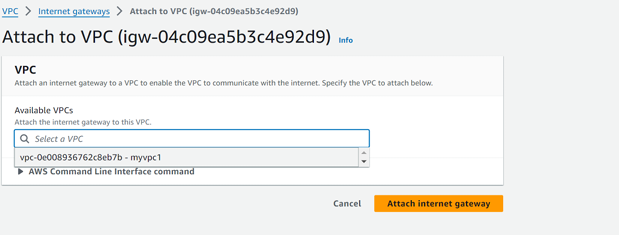


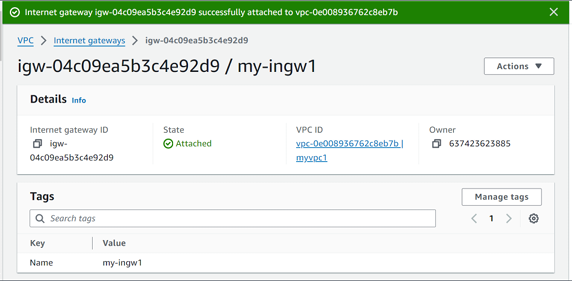


**Creating Internet gateway-1:**

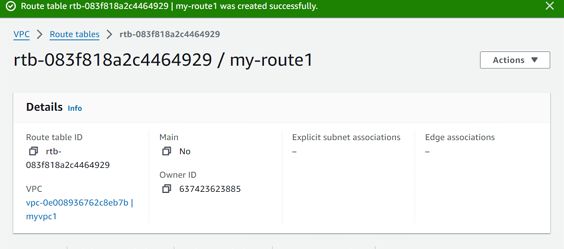


Attach to VPC

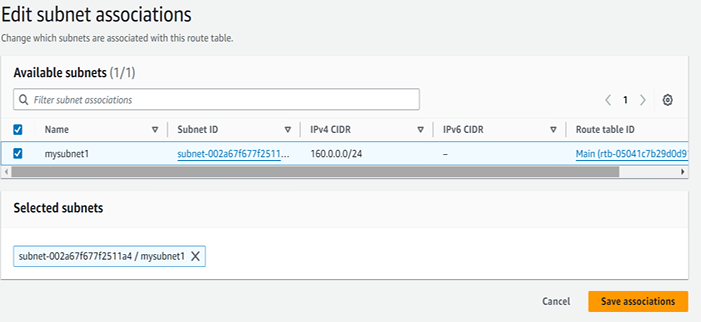


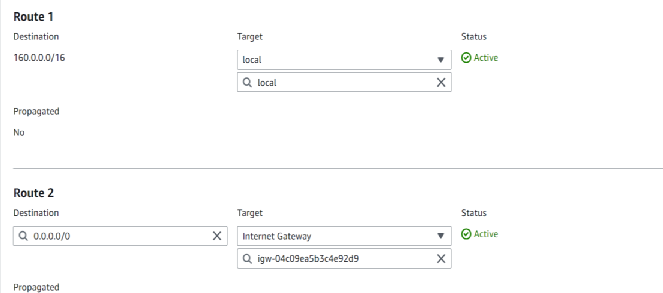


**Creating route table-1:**



Edit subnet associations:



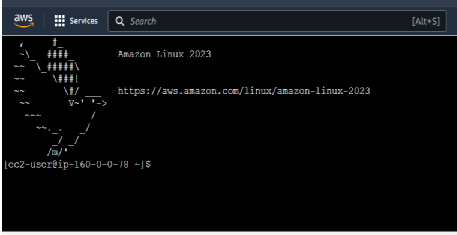
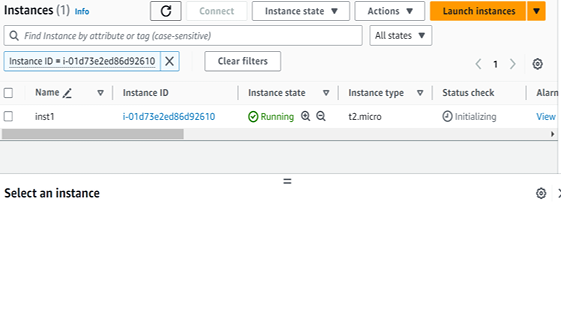


**STEP 2:**

Creating EC2 Instance:

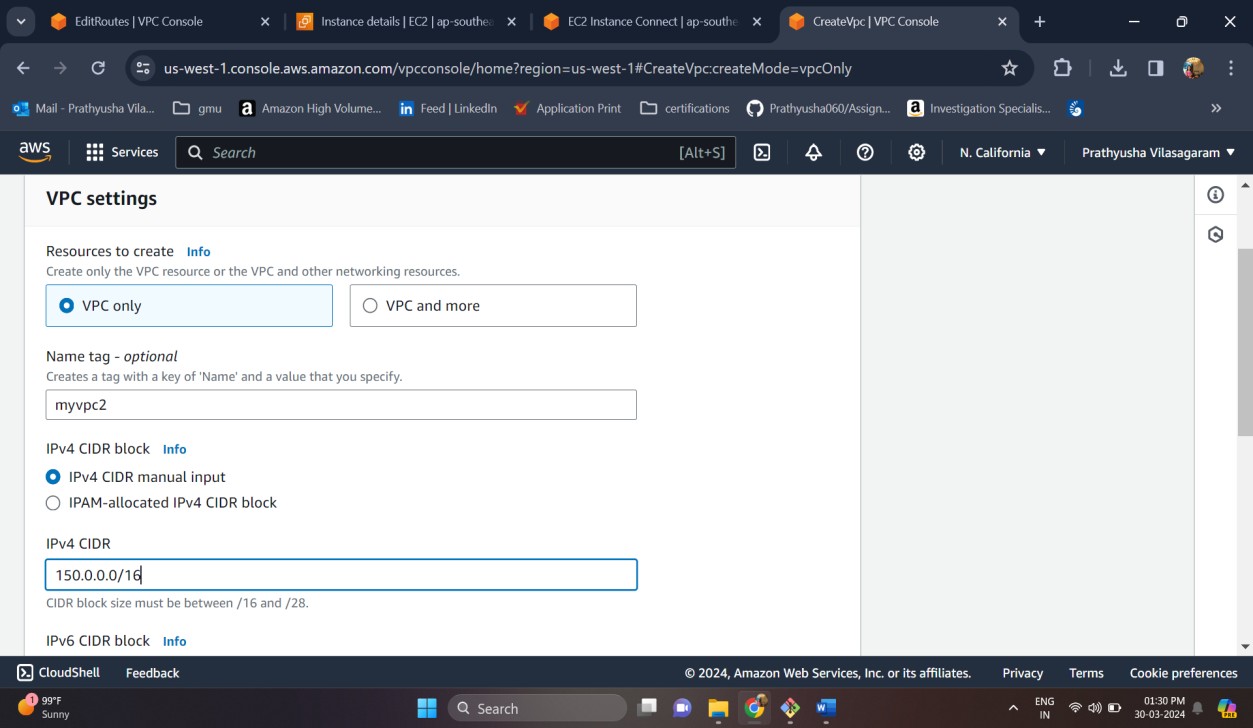
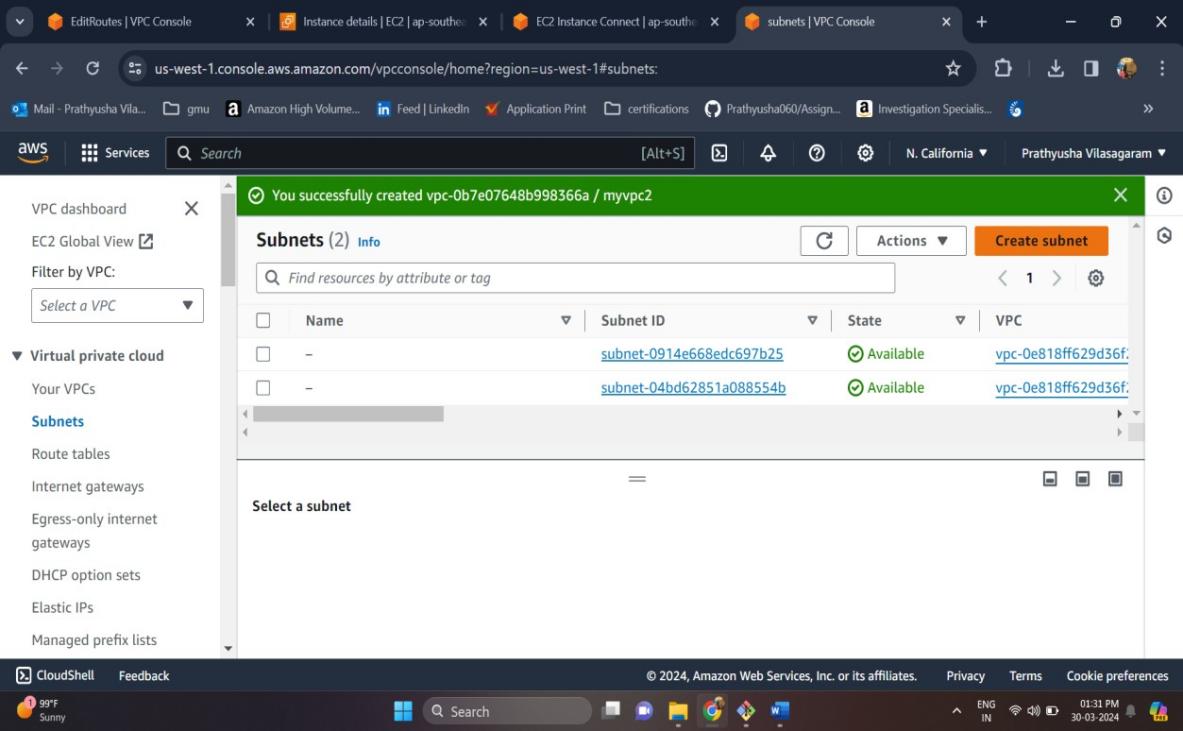
Name : inst1

Keypair : File1

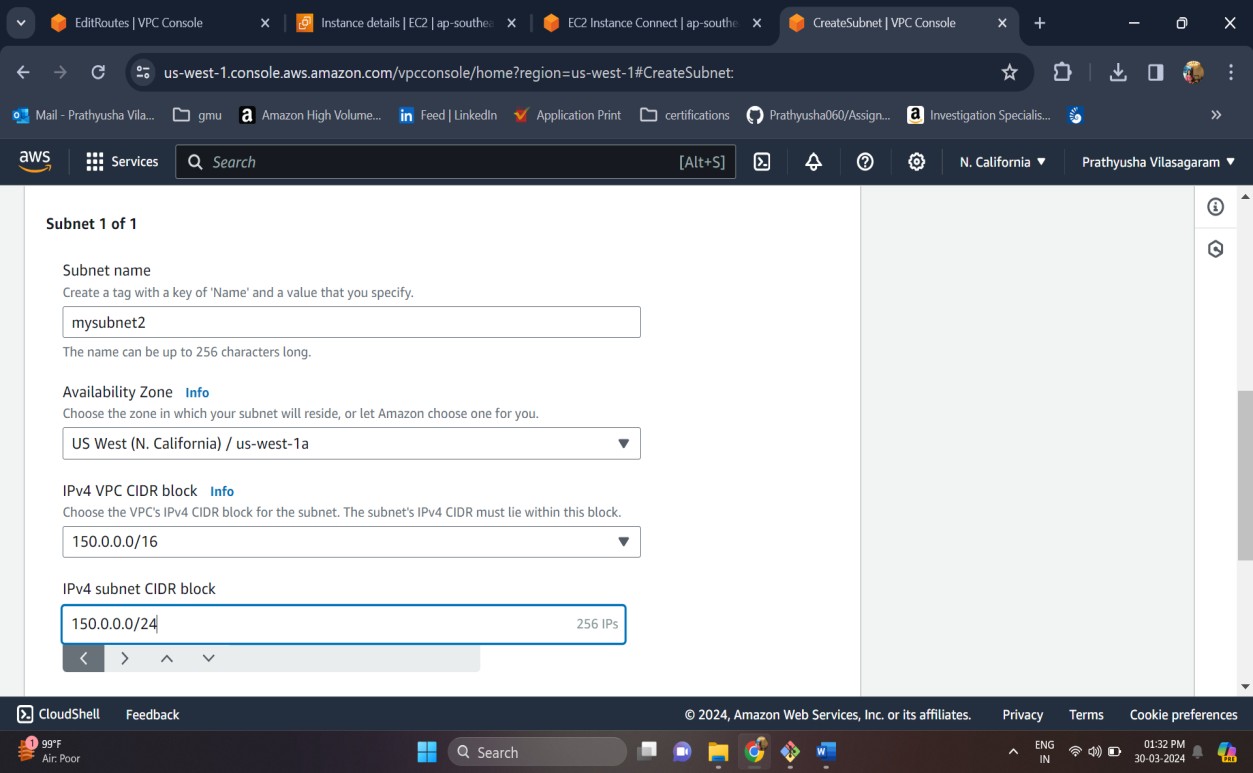


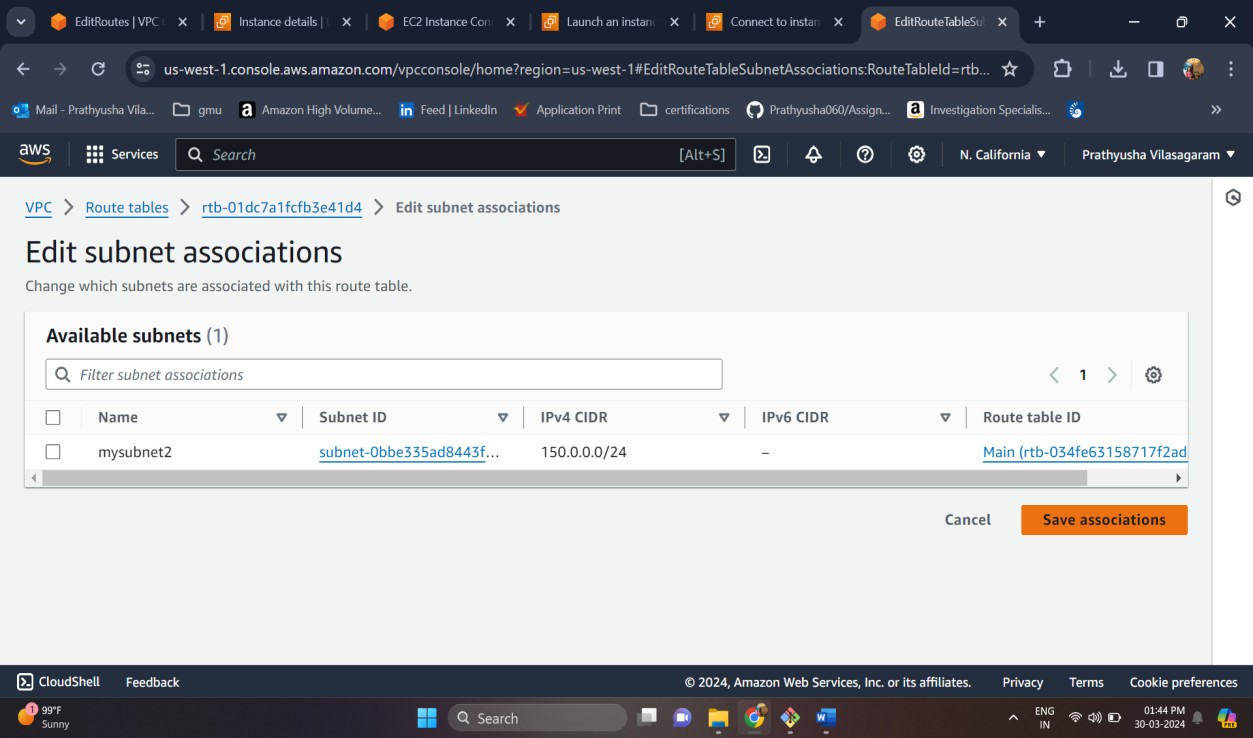
**STEP 3:**

**Creating new vpc in California:**

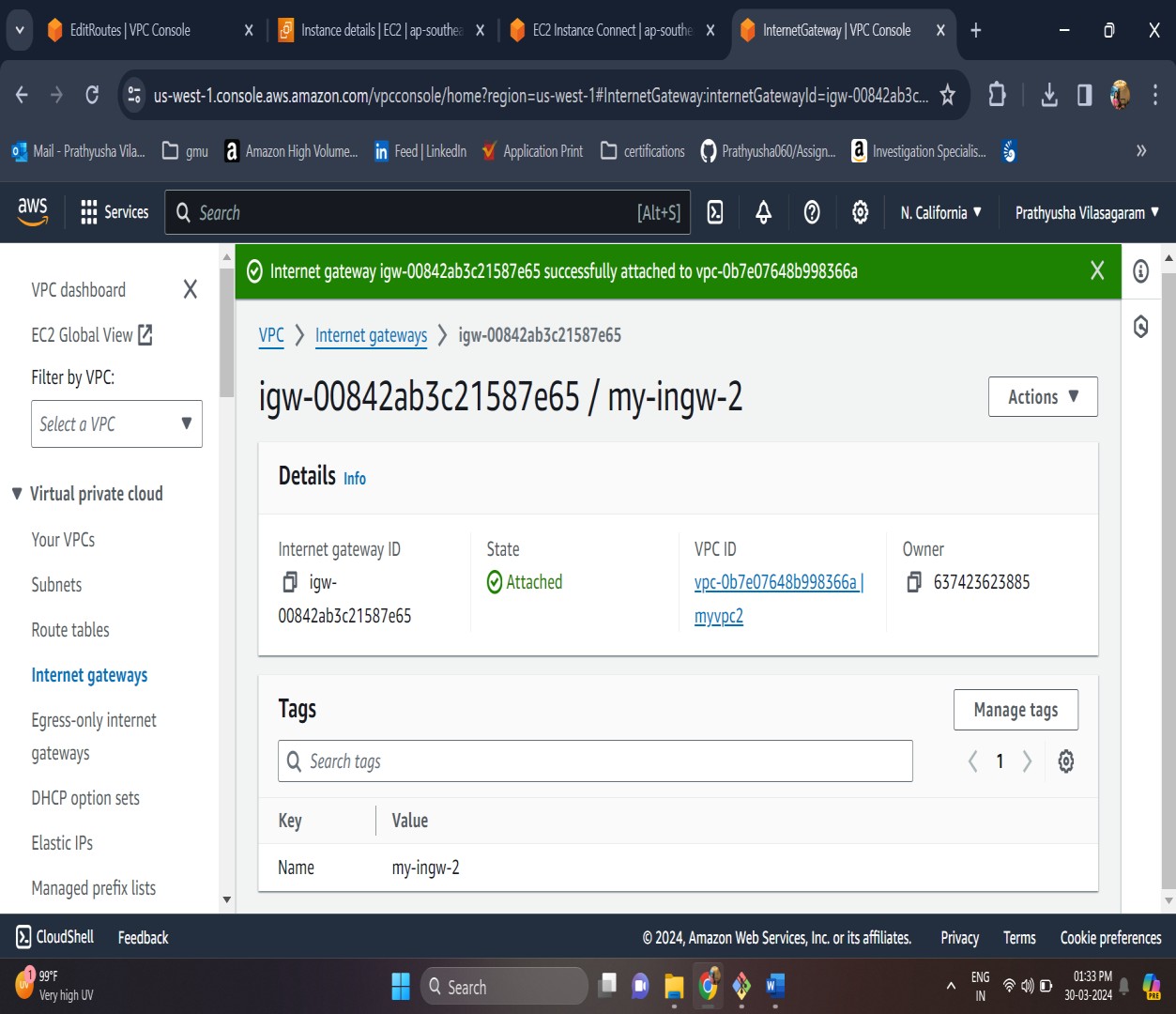
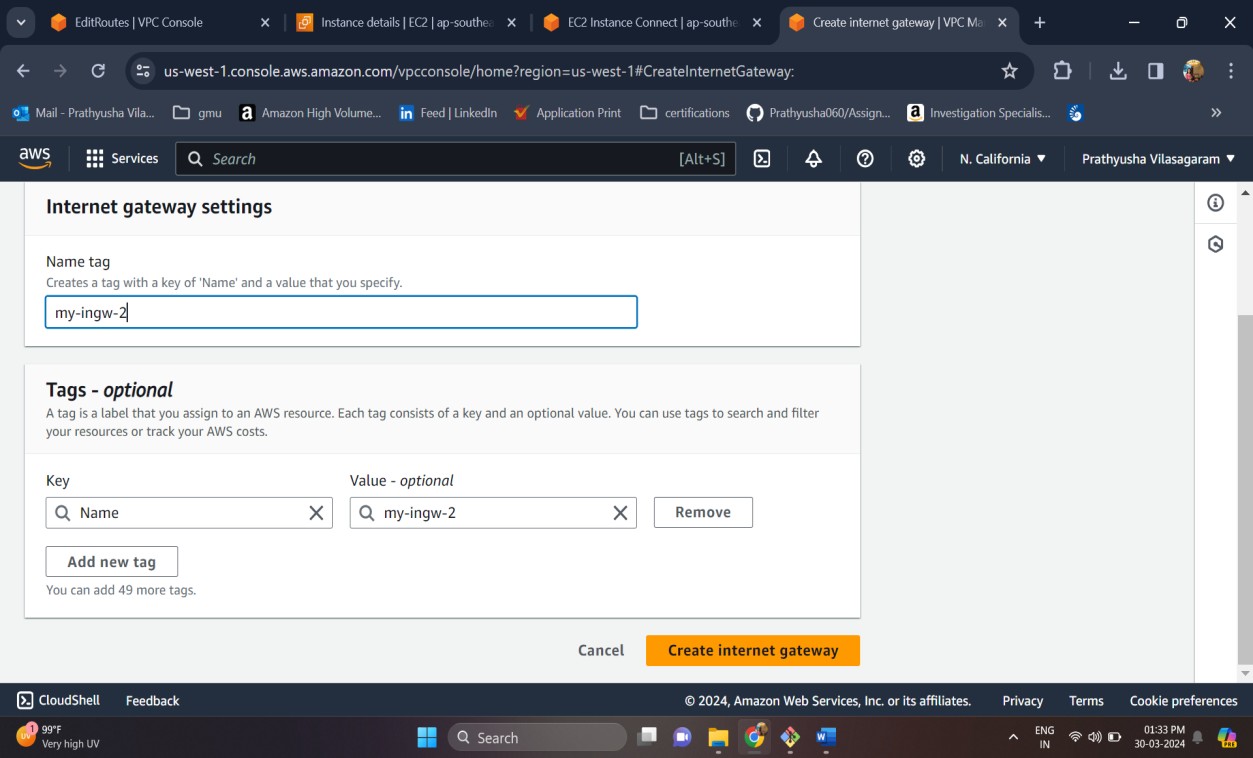
IP address 150.0.0.0/16

**Create subnet2:**

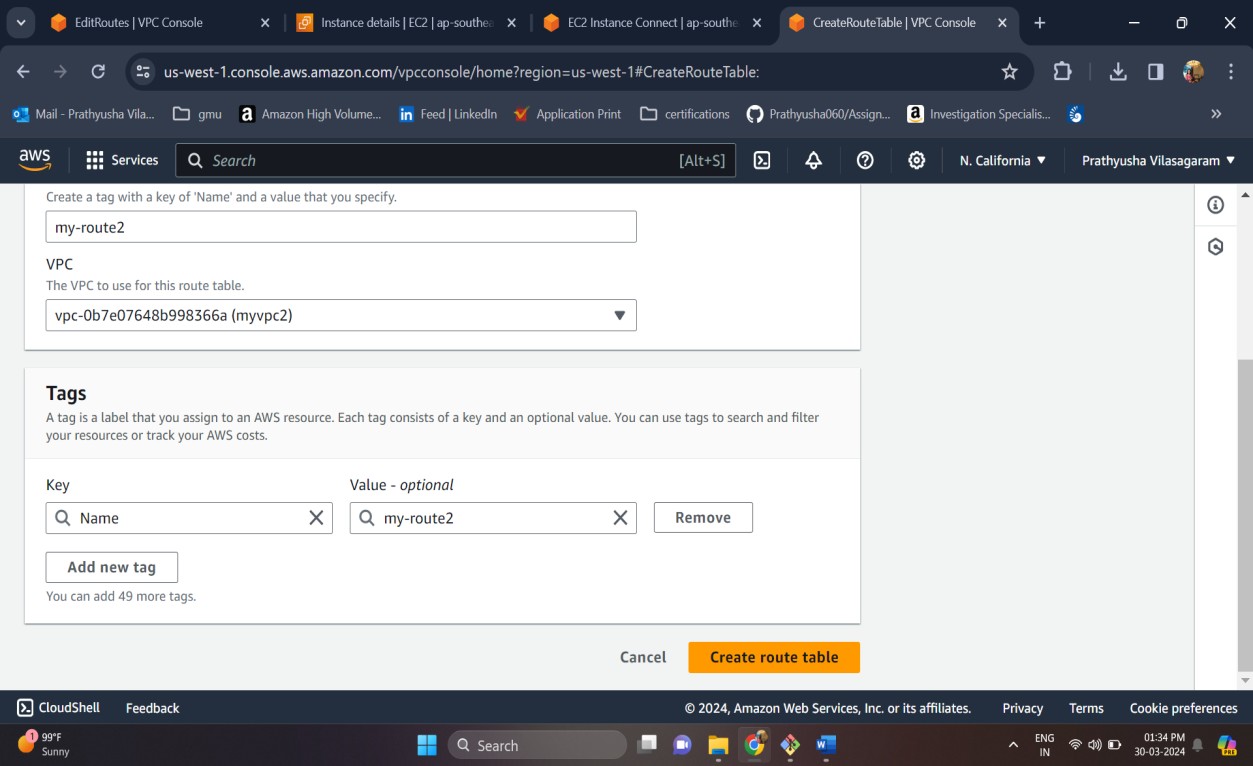




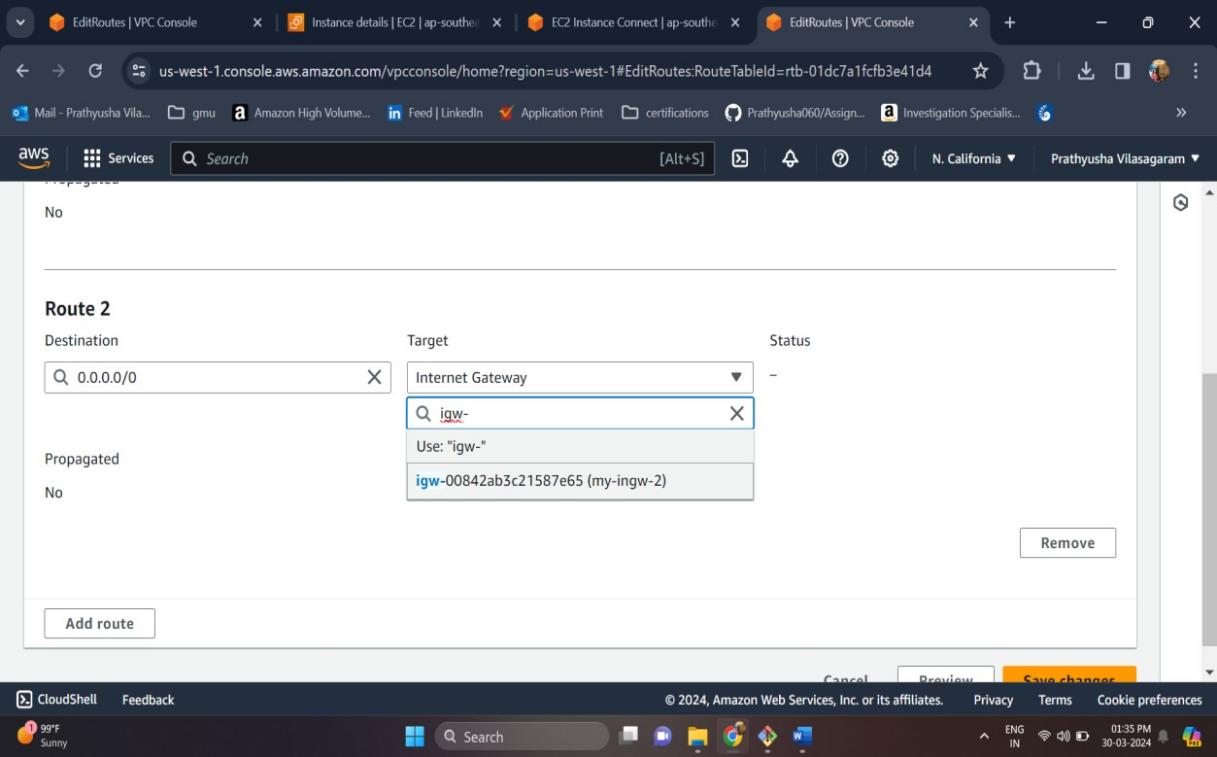
**Creating Internet gateway:**

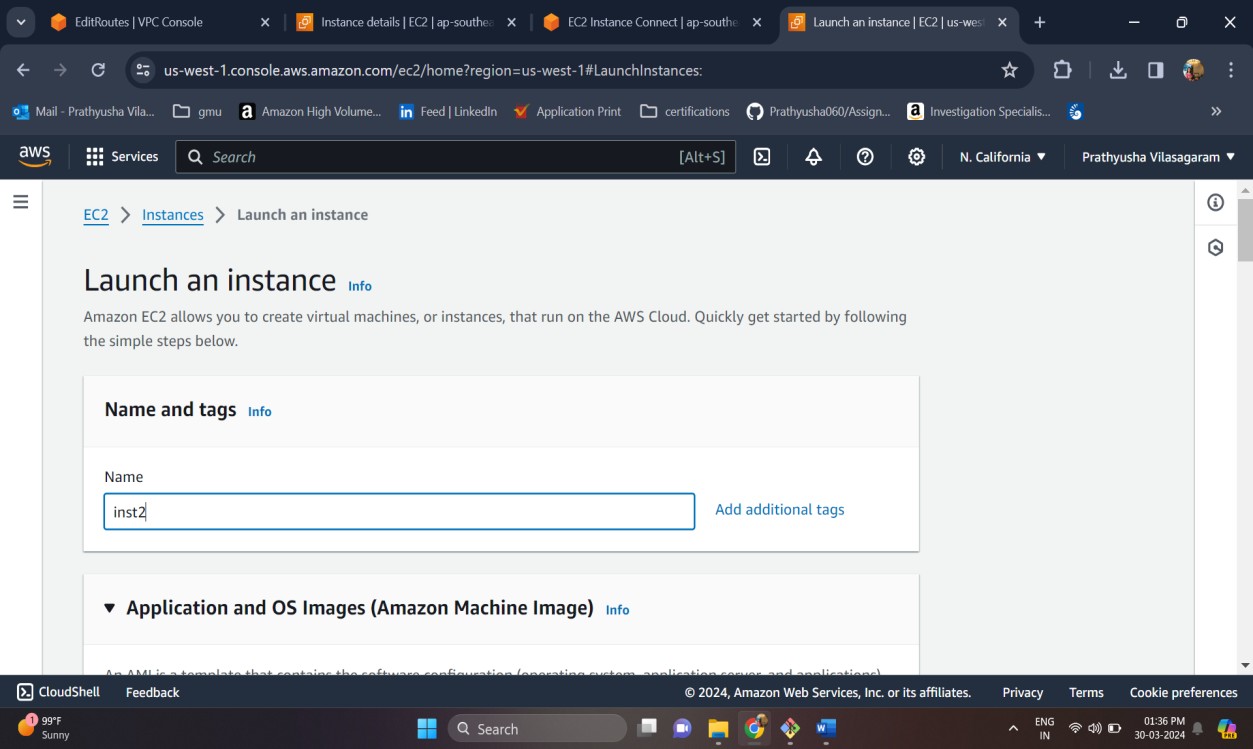


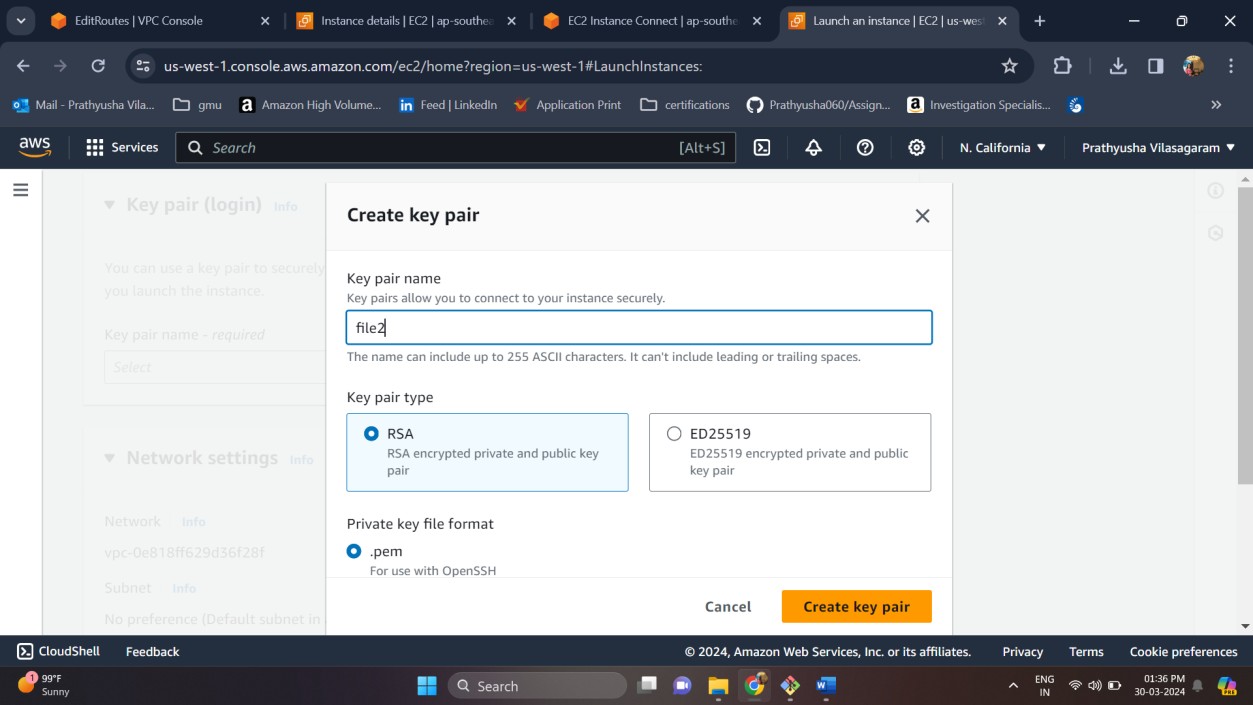
**Create Route table:**



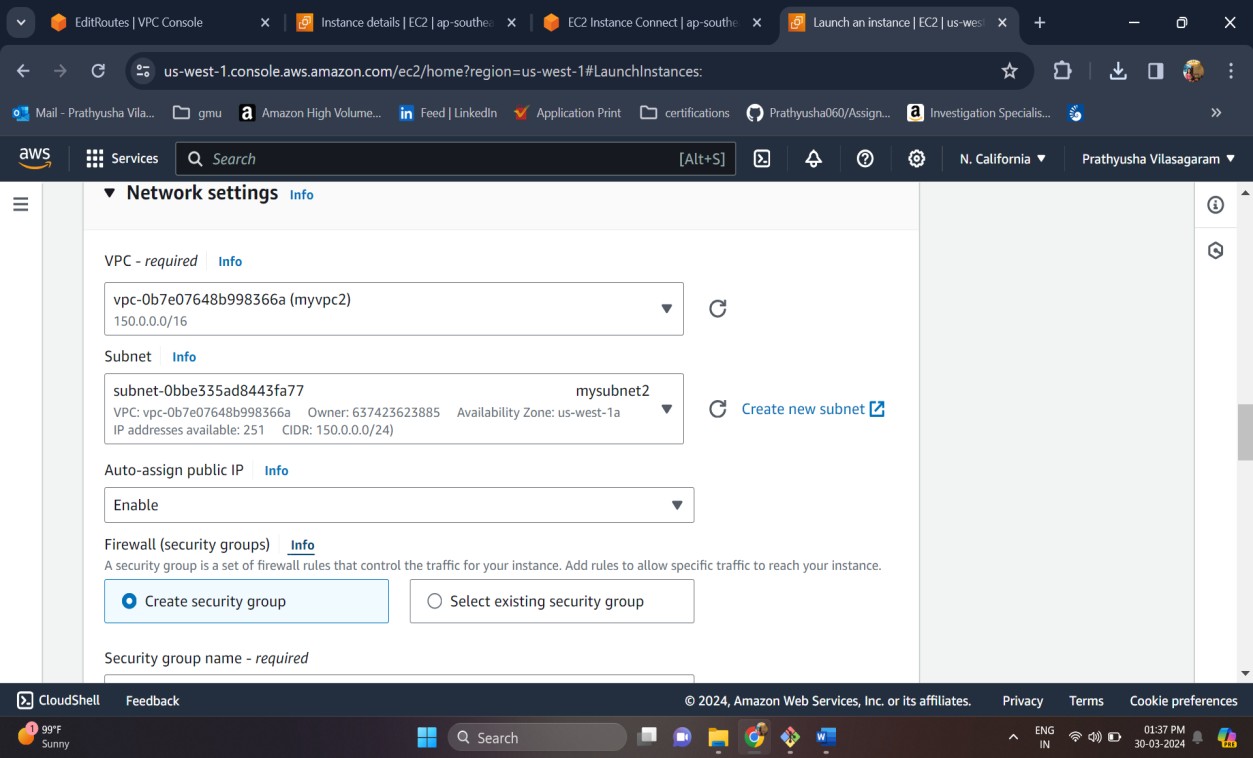
Edit routes:



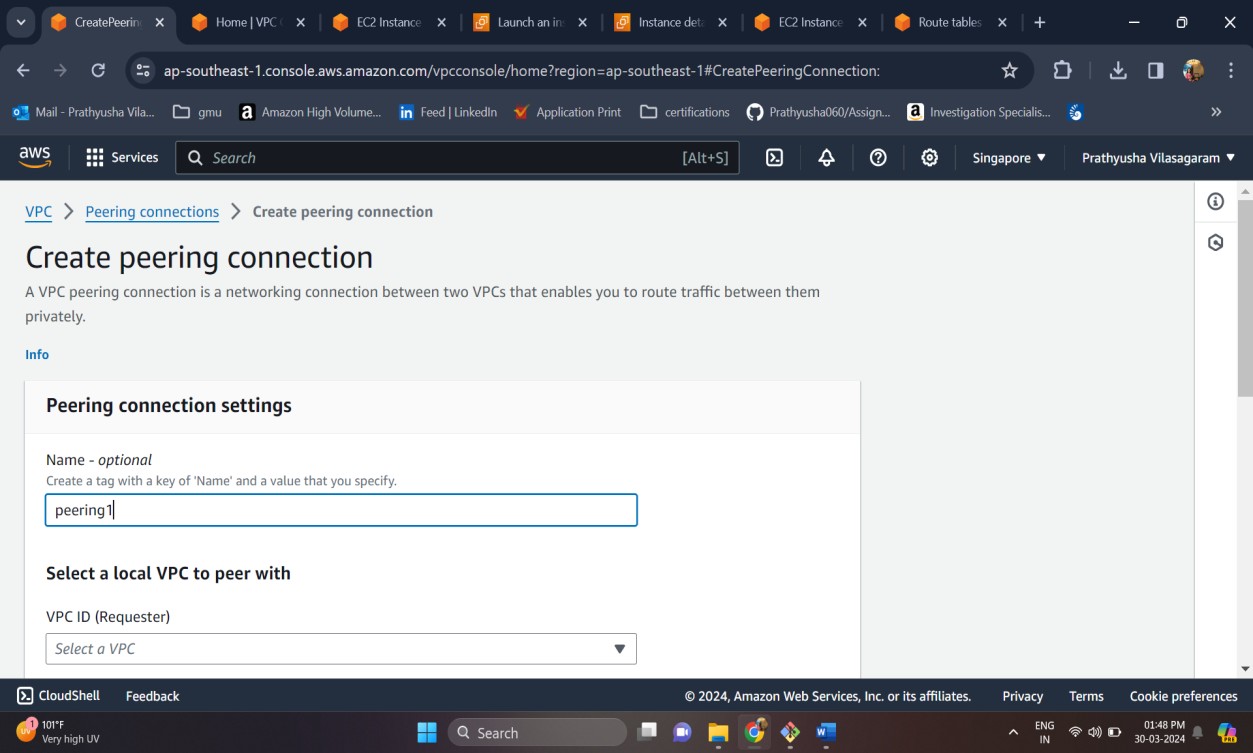
Create instance 2 :

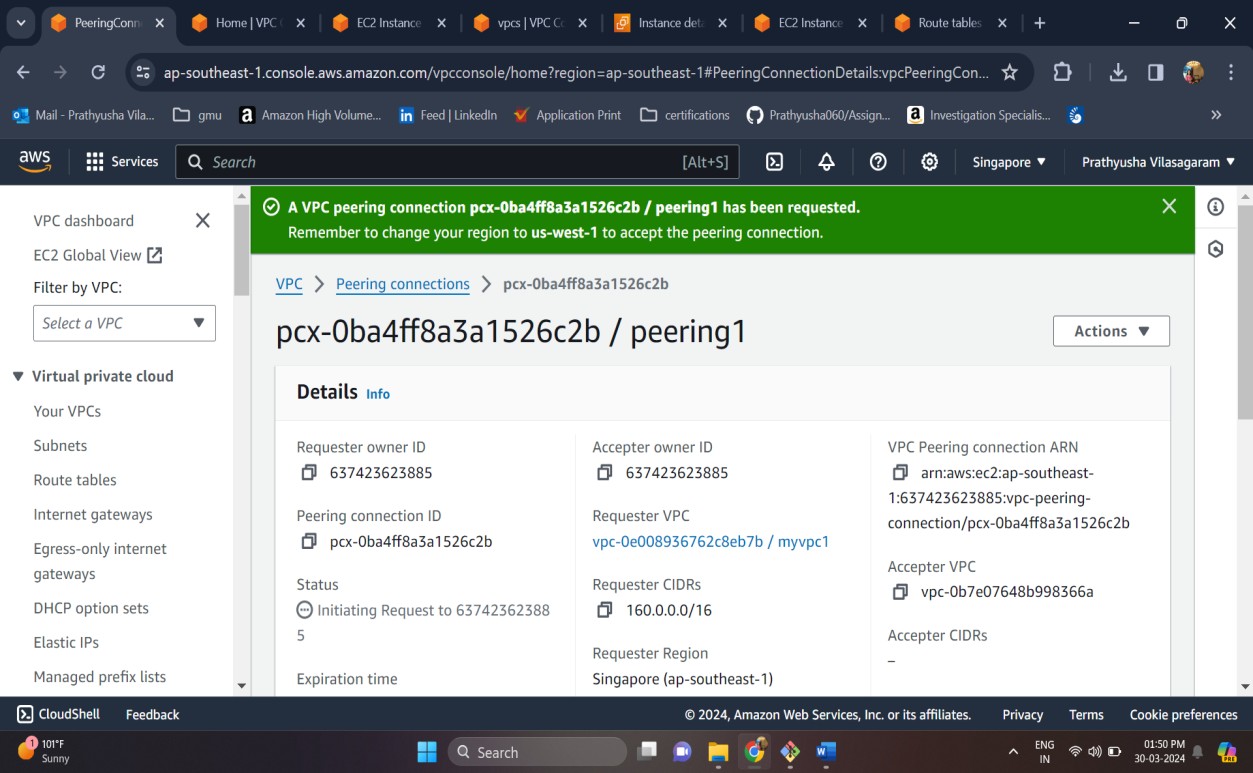


Edit network settings:

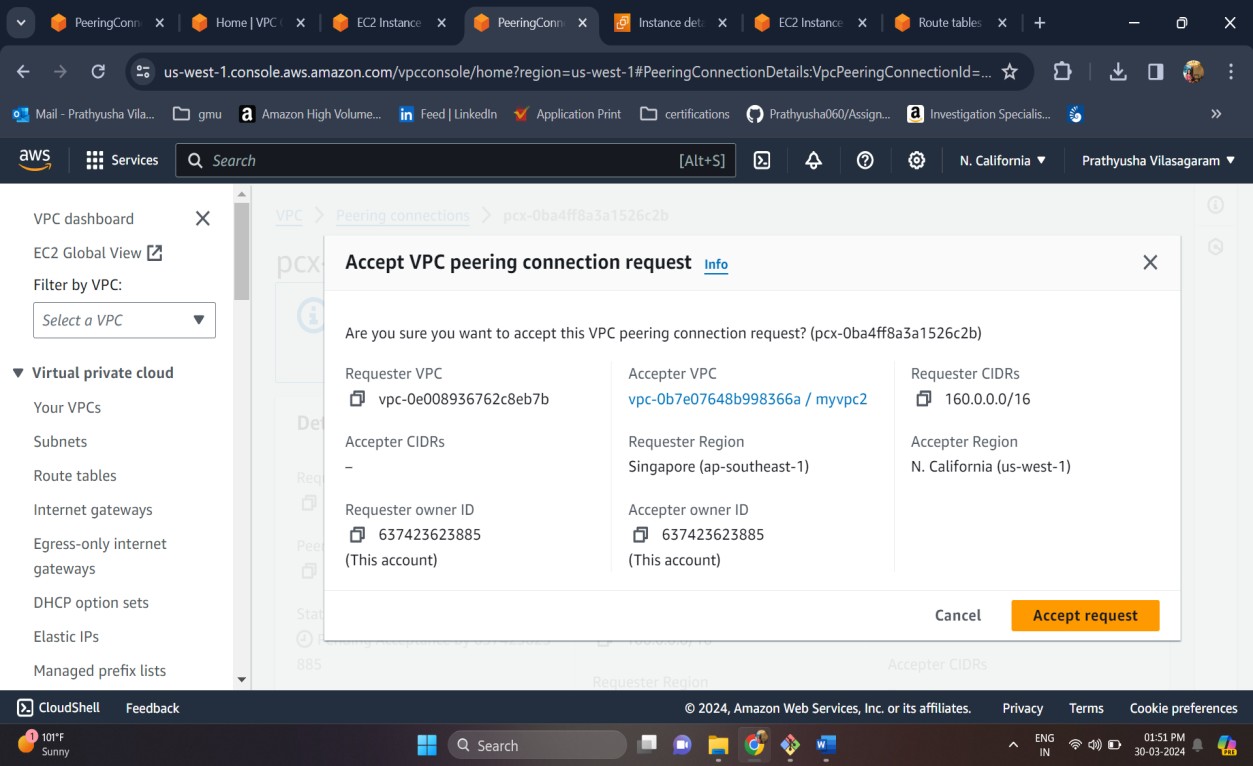


**Creating Peering connection in 1st region:**

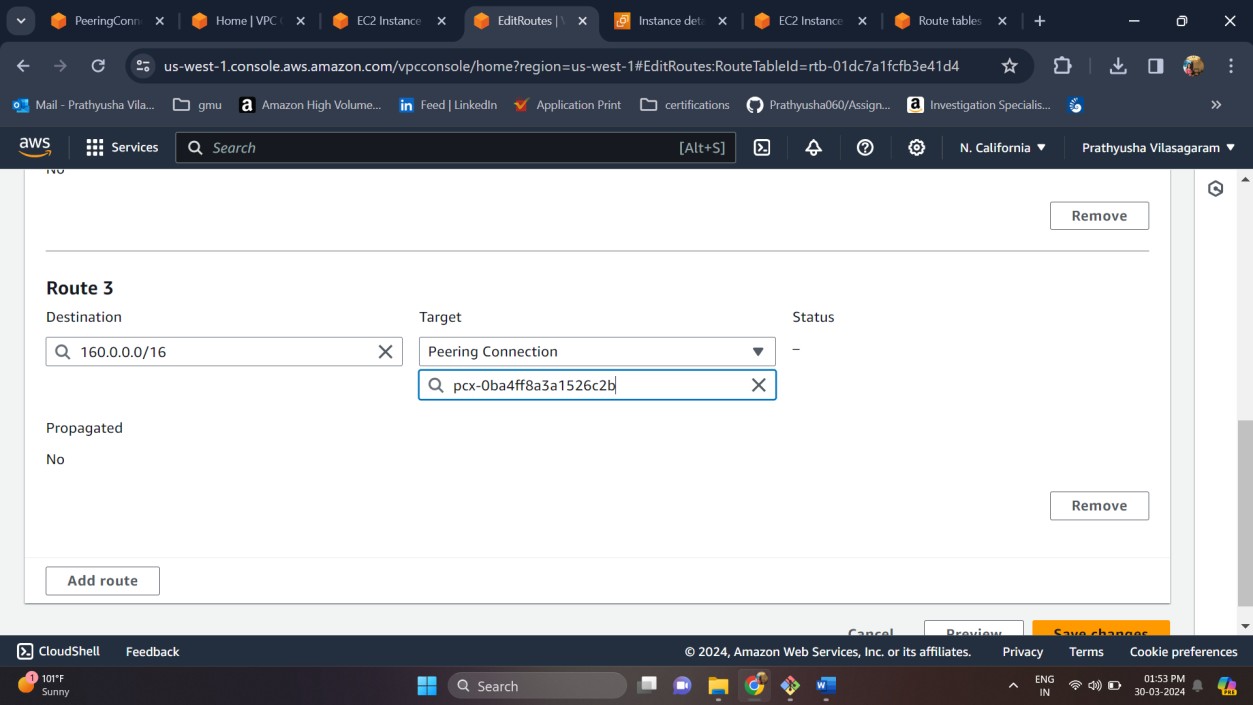
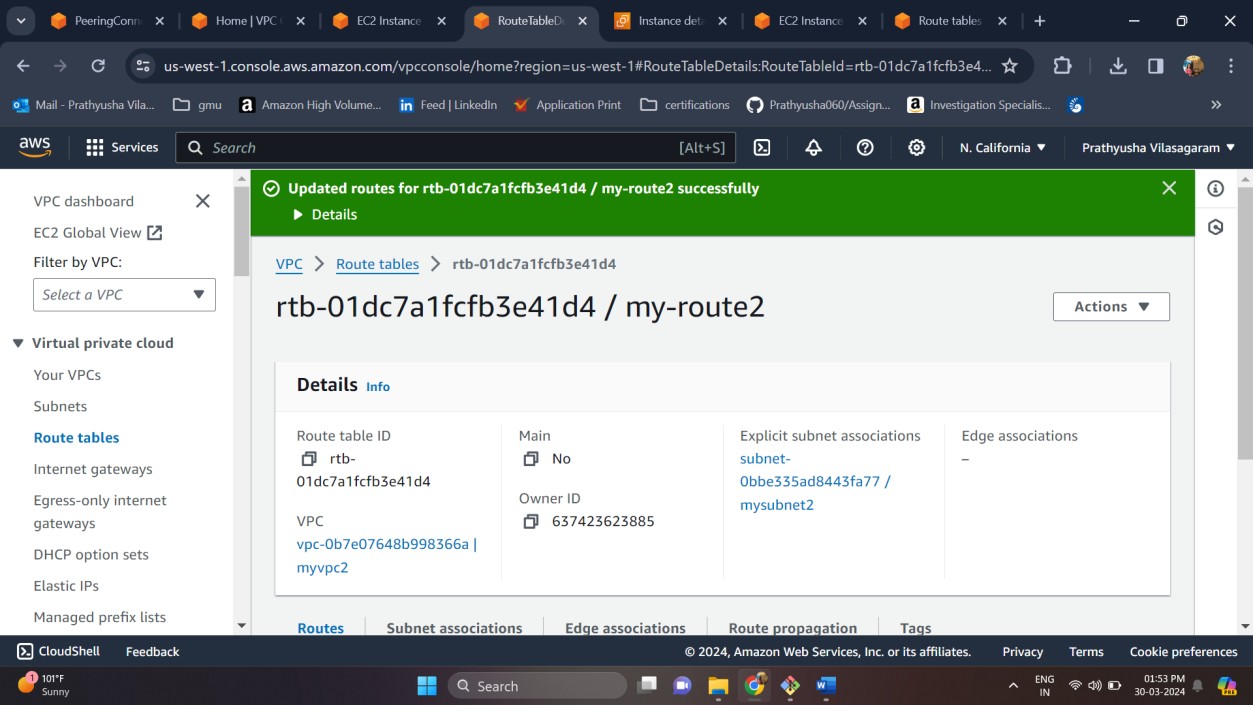




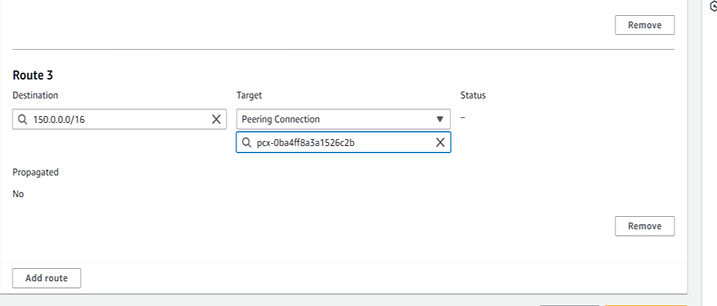
**Accepting peering connection in 2nd region:**

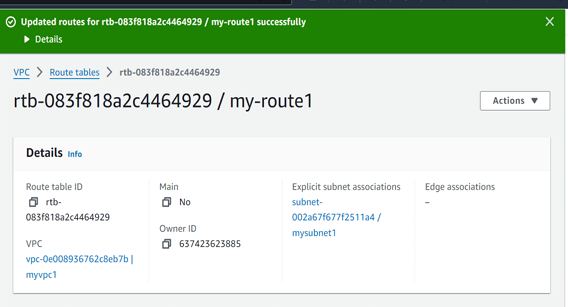


Edit route to add peering connection in California:



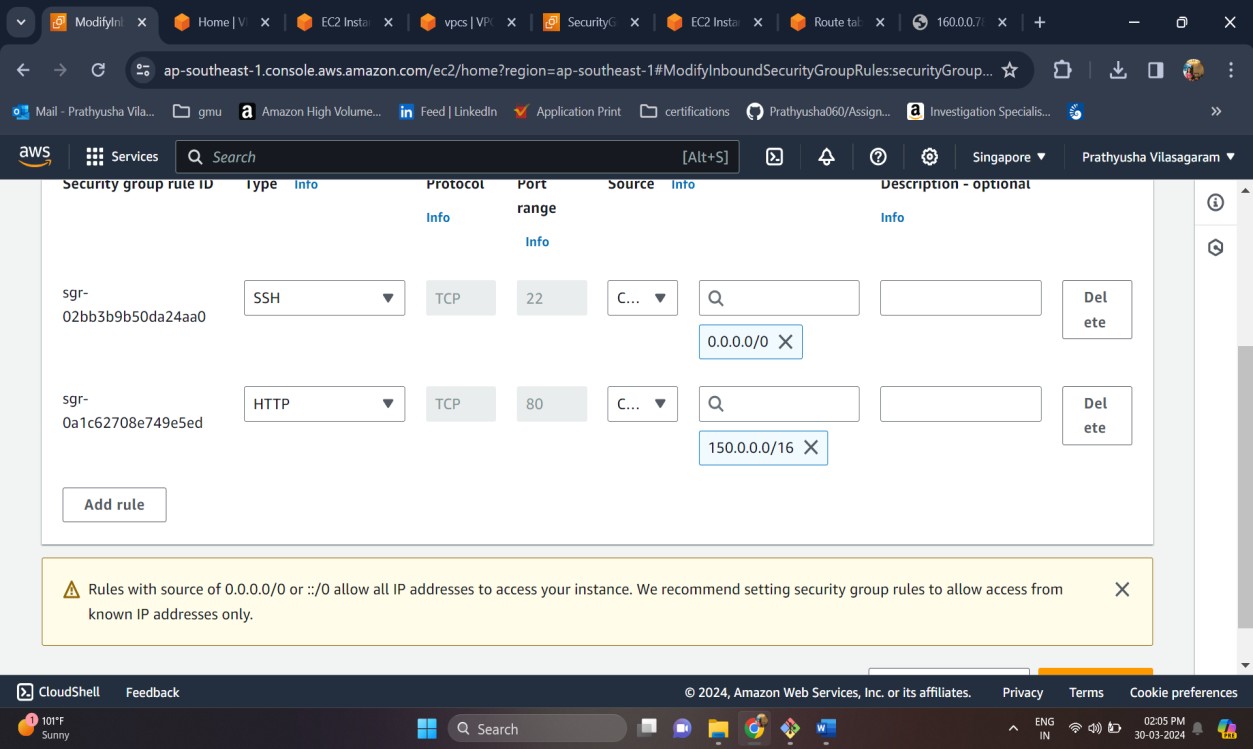
Edit route to add peering connection in Singapore:





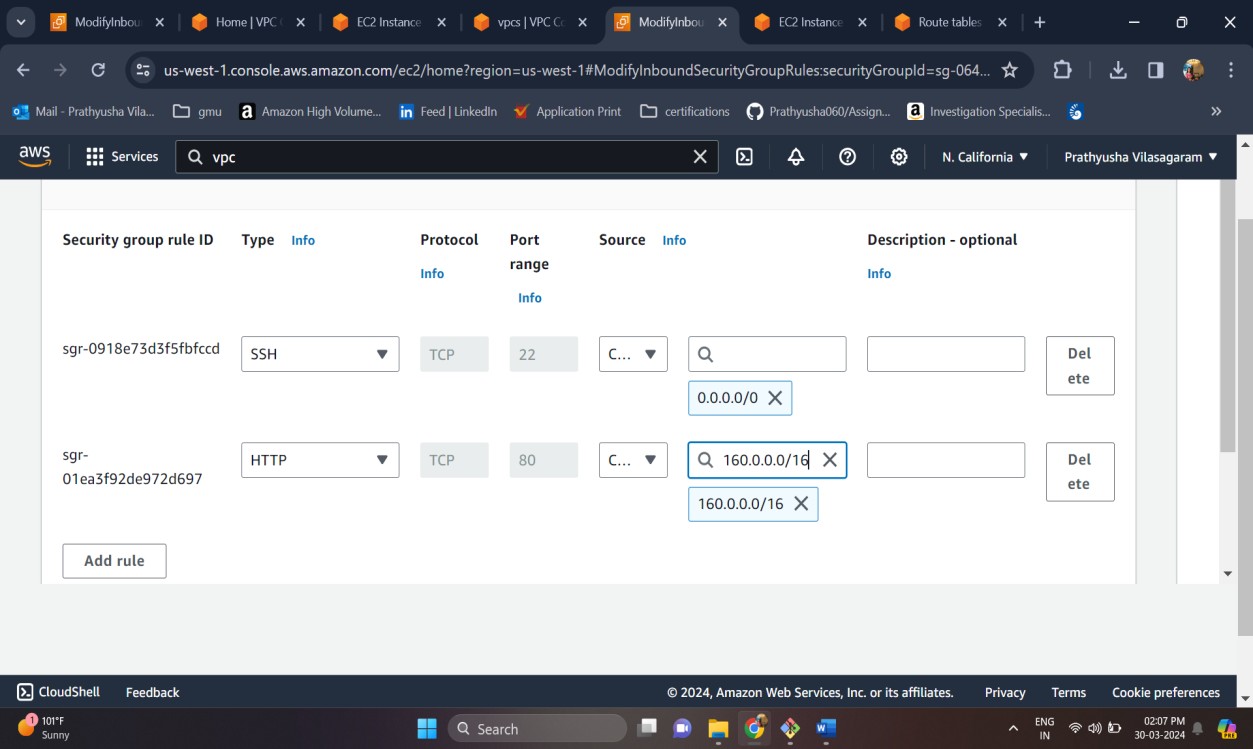
Edit security groups in instance1:

Edit inbound rules:

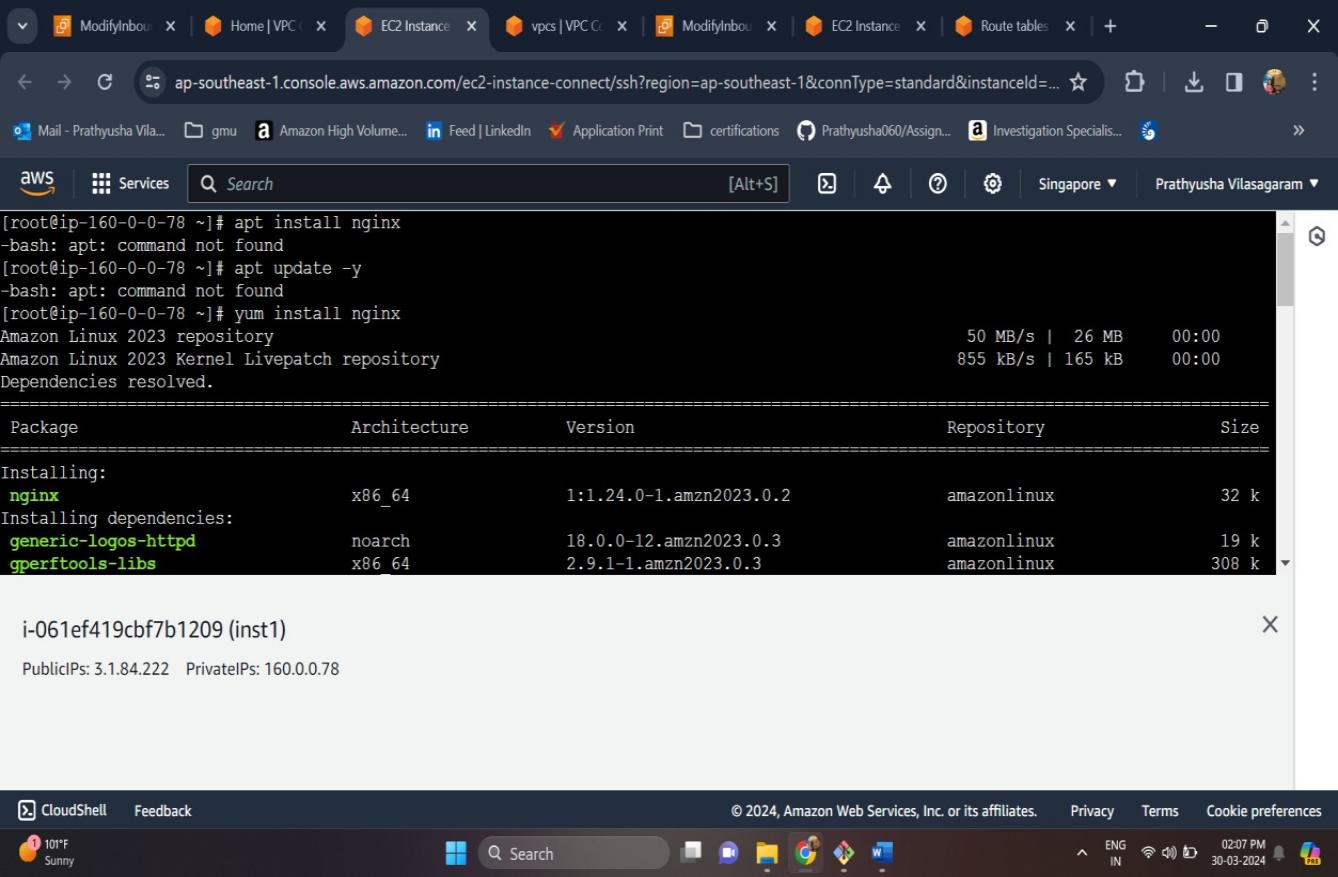


Edit security groups in instance2:

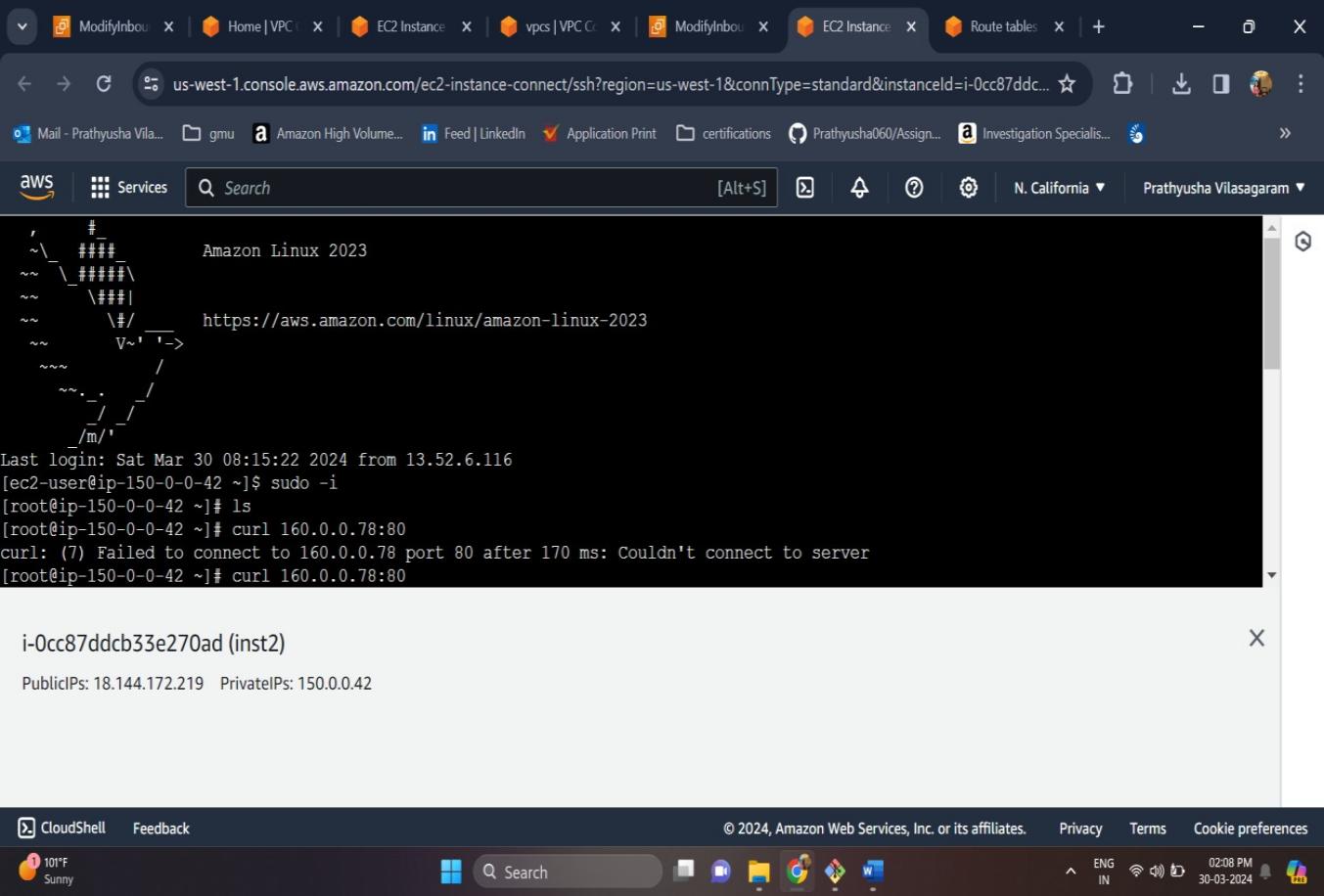
Edit inbound rules:

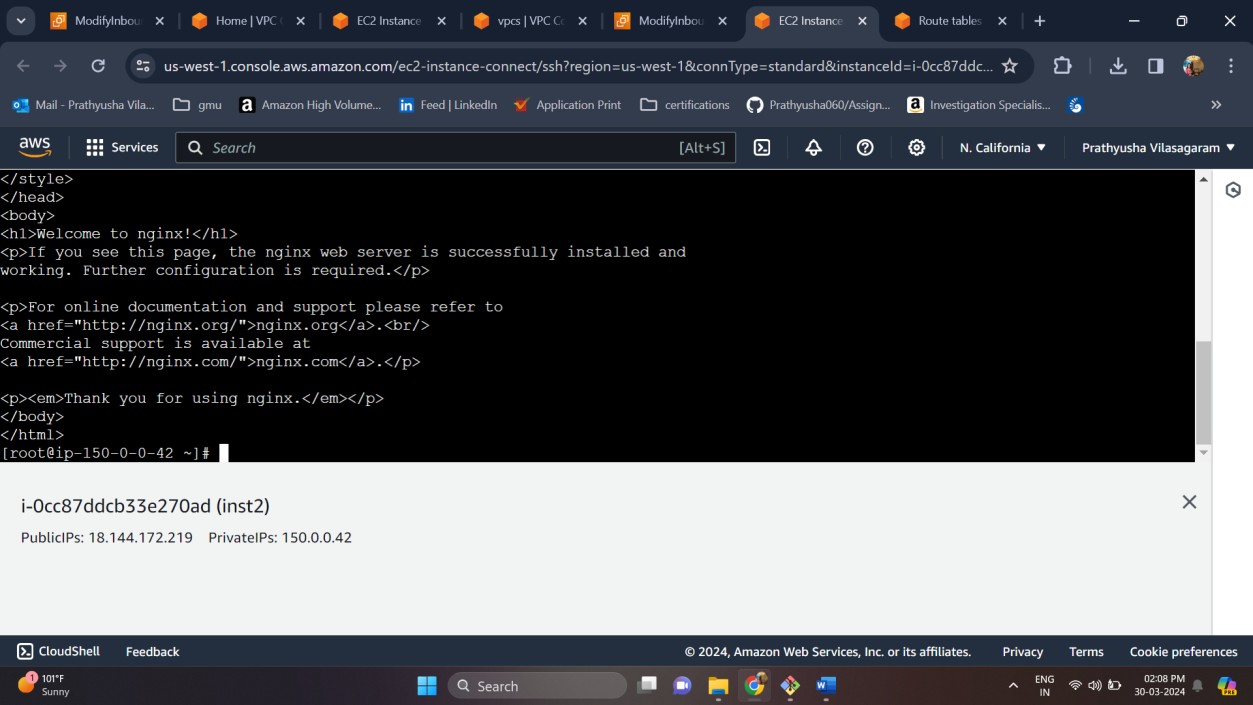


**Install nginx in instance1:**



Checking with the private IP of Singapore in California:





Hence Peering connection is established between 2 VPC’s in different regions.