AWS Task-2

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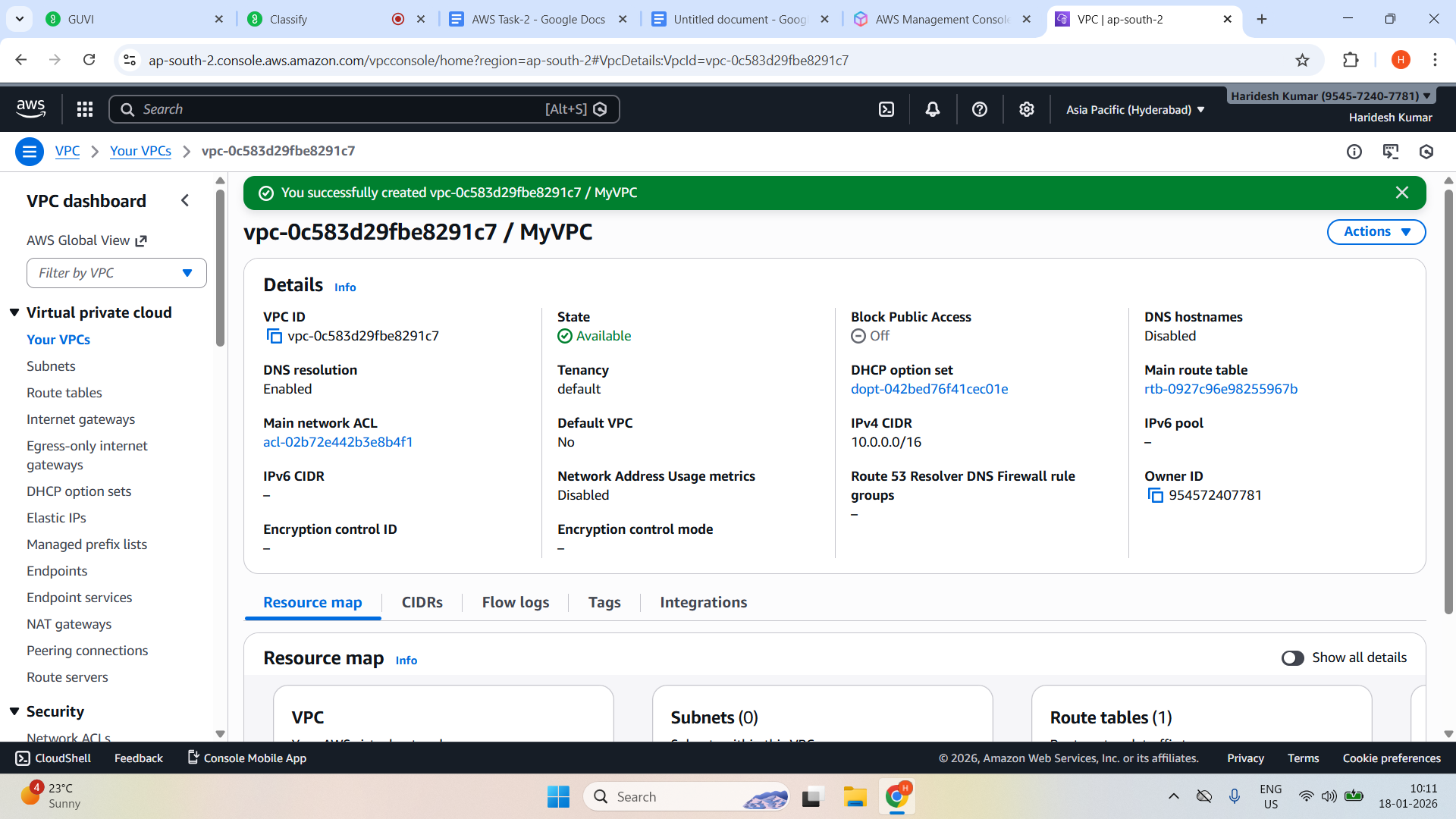
**Task Description:**

Set up a VPC with an Internet gateway, create a public subnet with 256 IP addresses, a private subnet with 256 IP addresses, make a route table connecting the Internet gateway and the subnets, and launch a Linux EC2 instance by using the above VPC and public subnet.

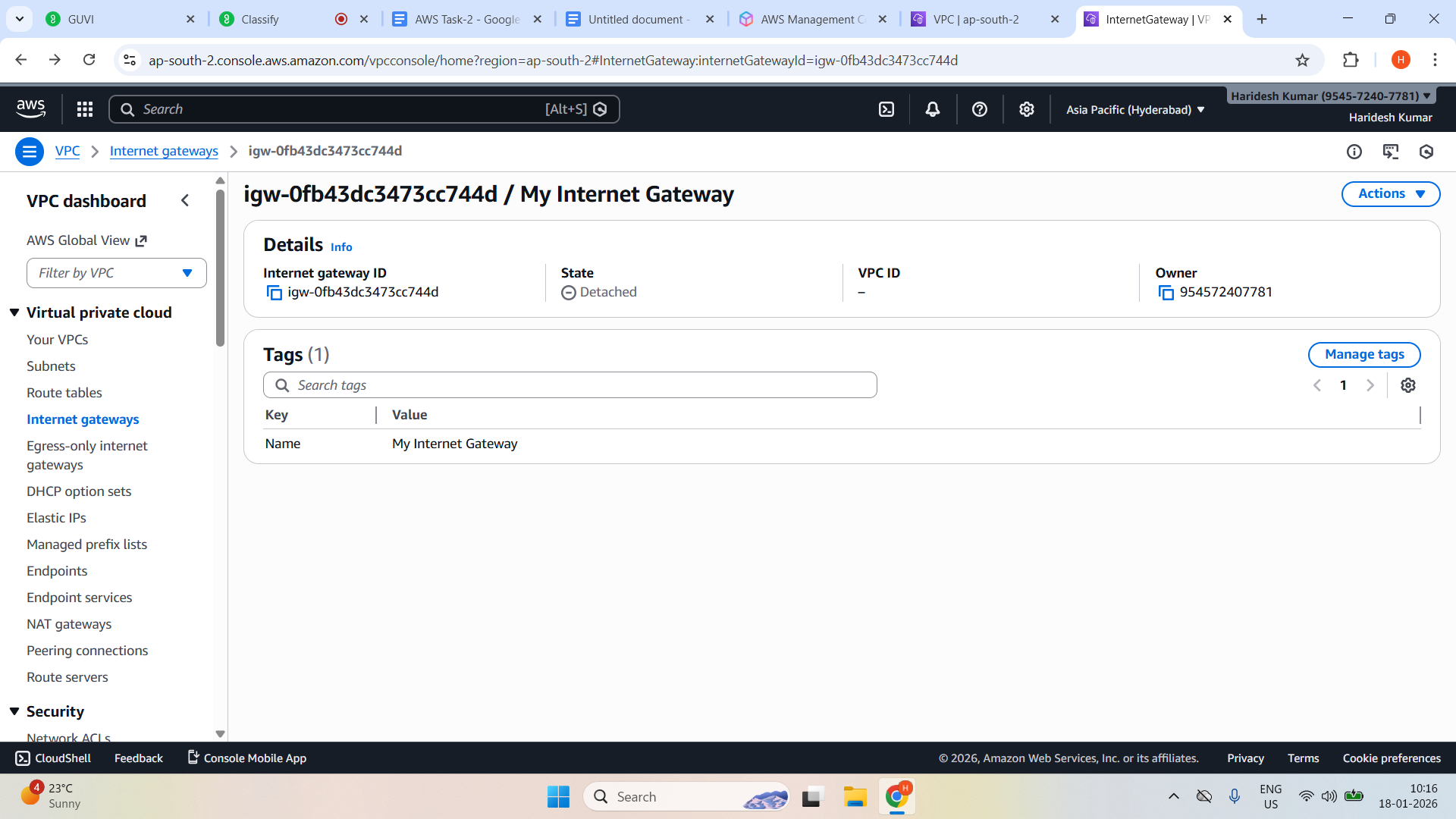
**Techstacks needs to be used :**

* AWS VPC
* AWS EC2

**Created a VPC**

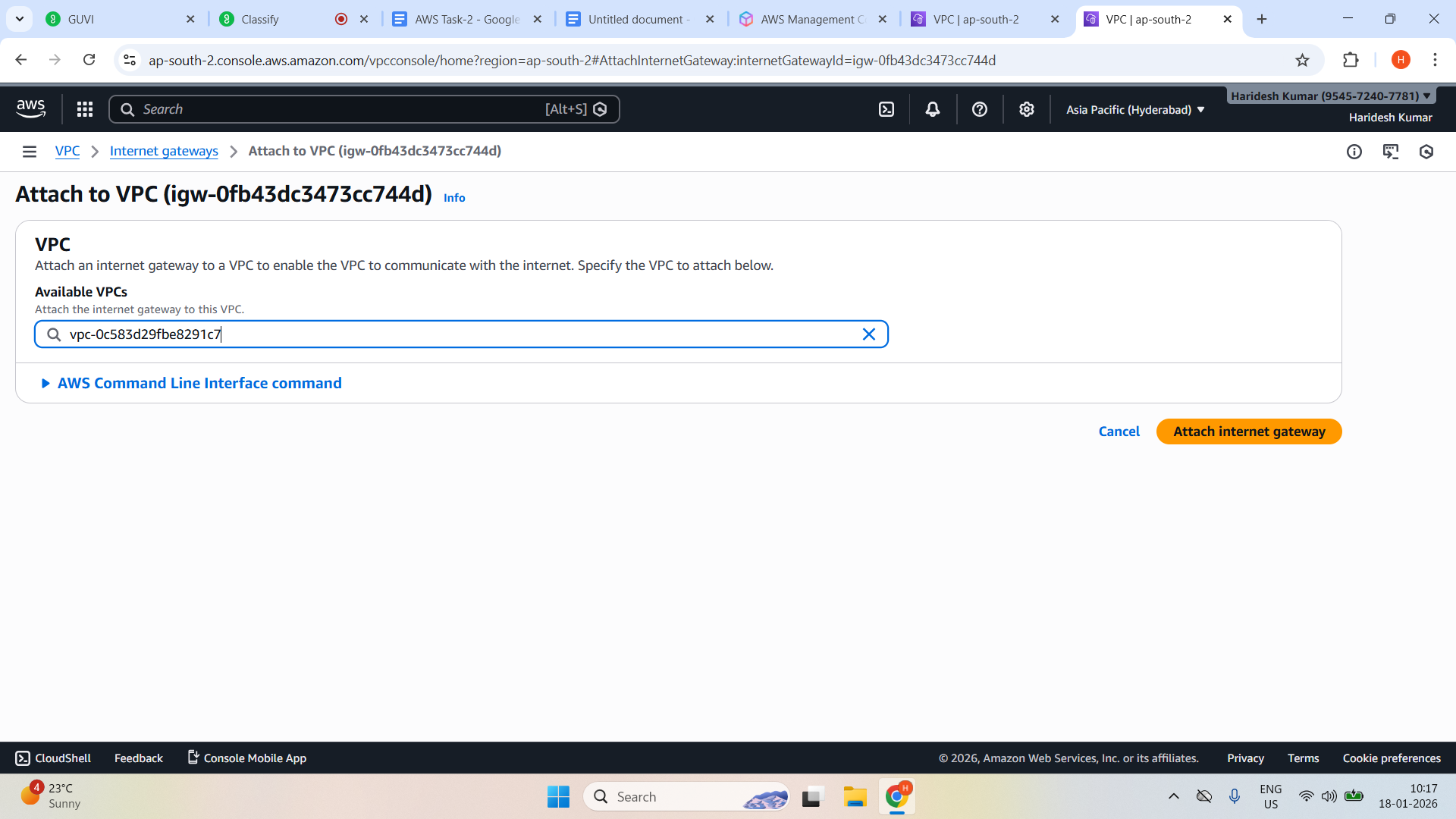


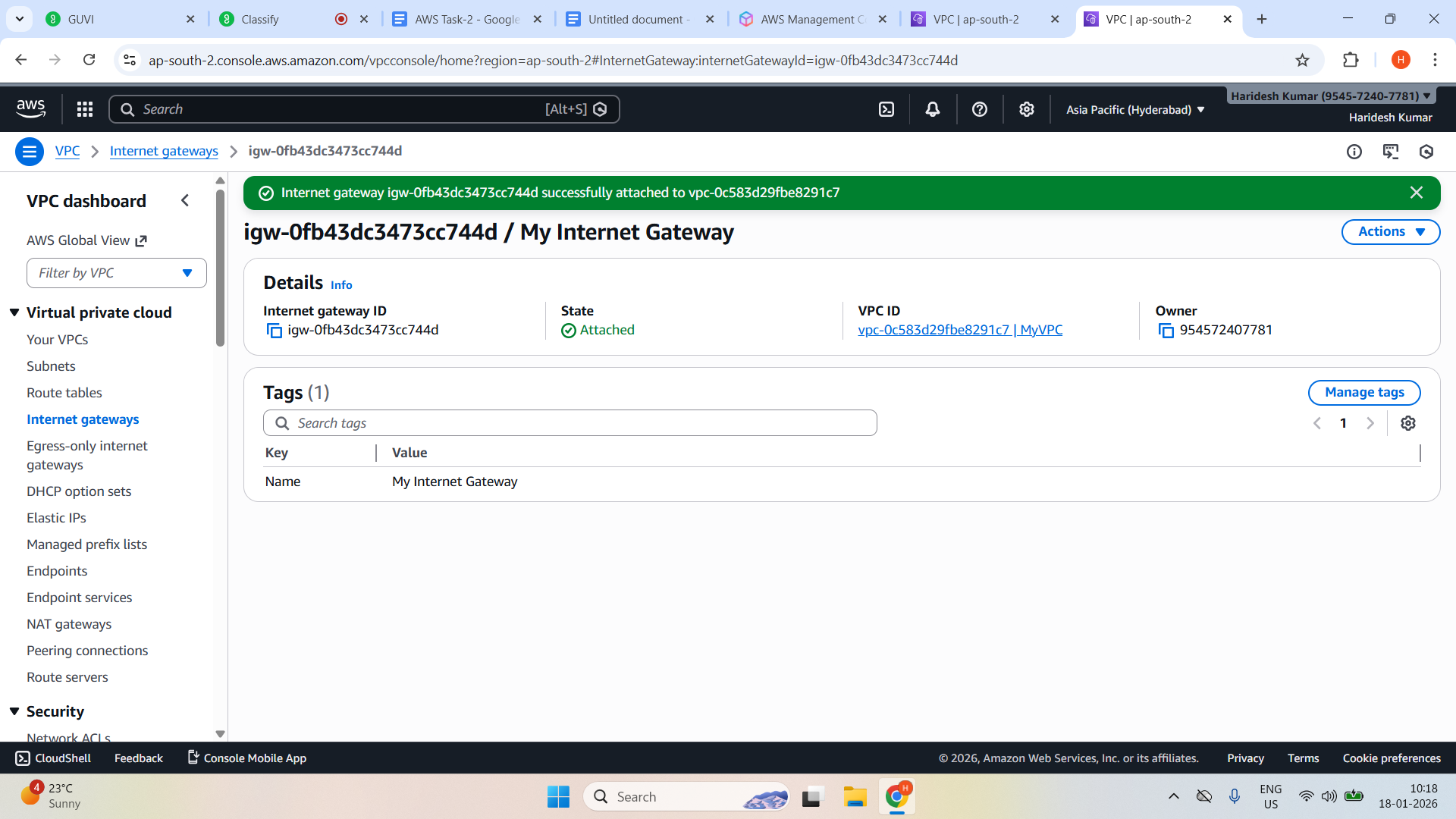
**Created an Internet gateway**



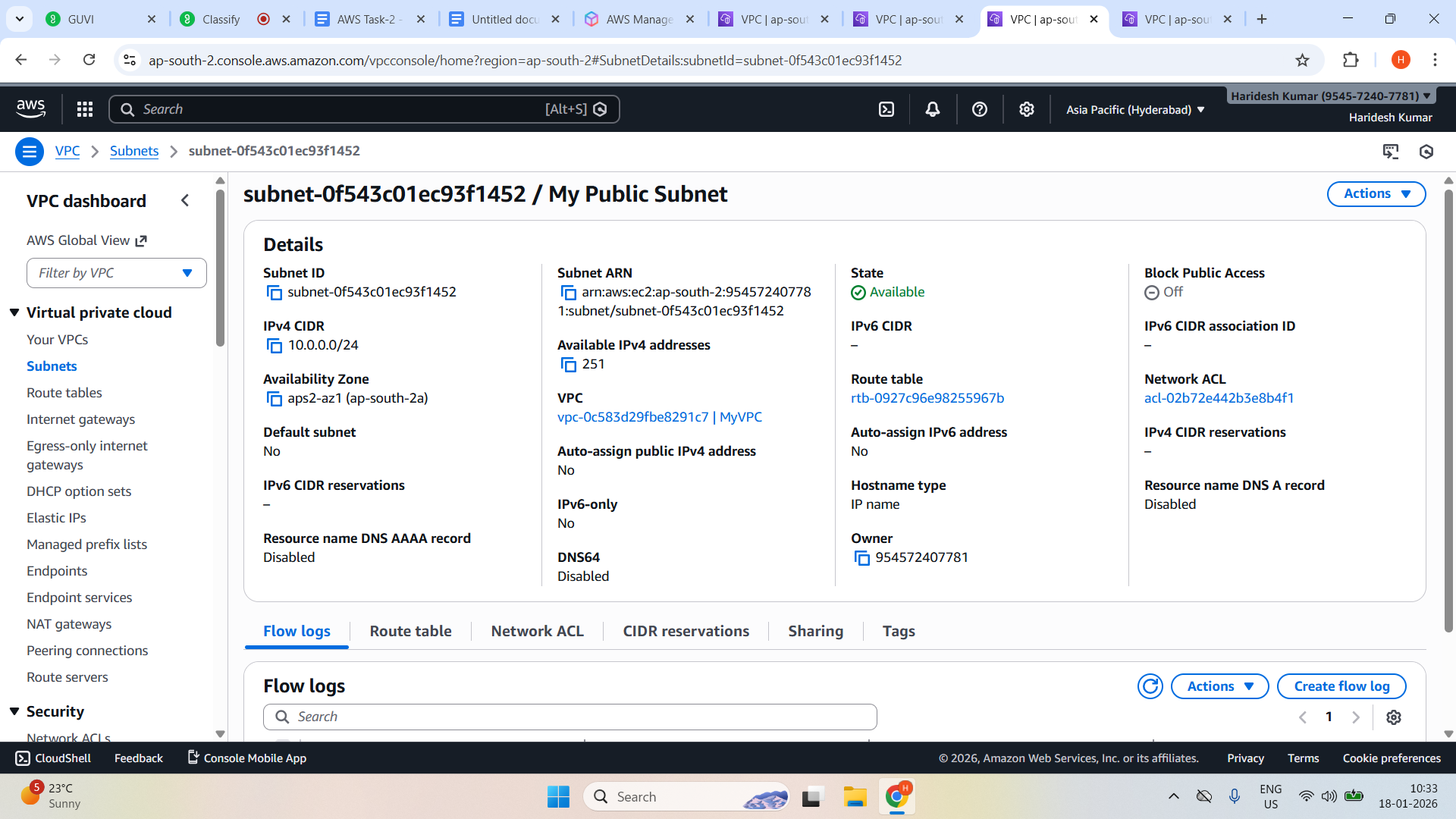
**Attach to VPC**

**Actions —---> Attach to VPC**

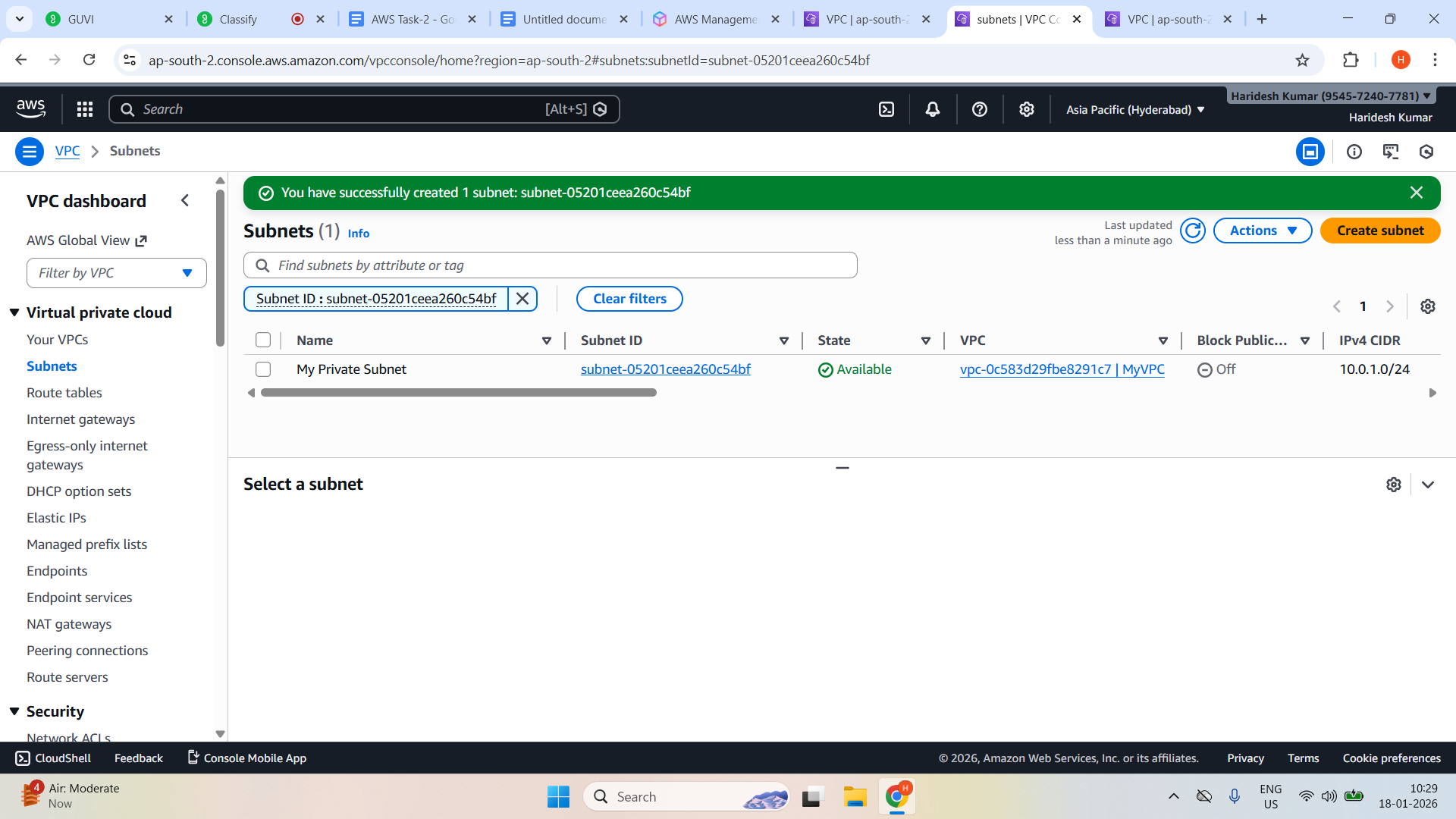


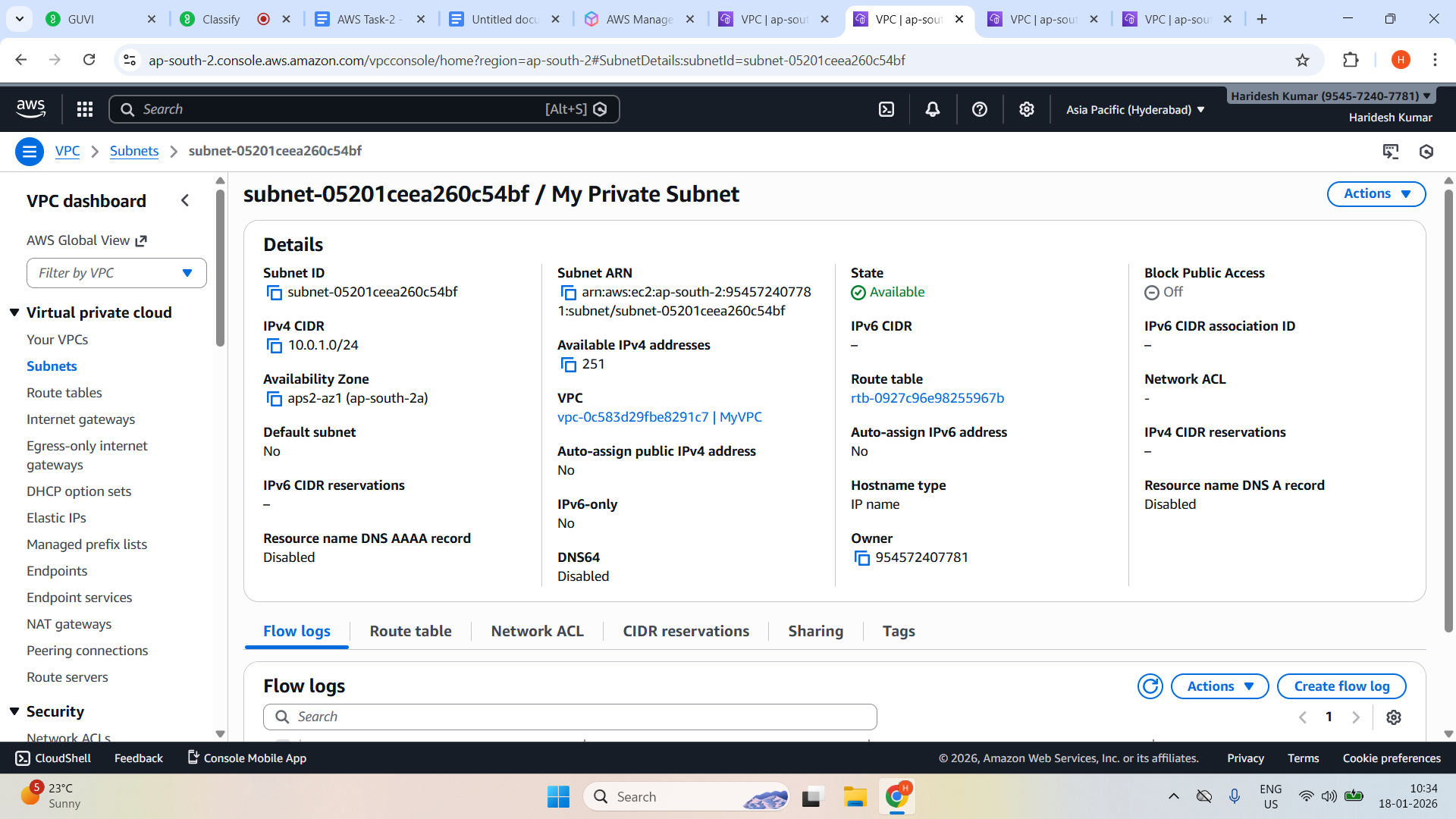


**Created a Public subnet (256 IPs)**



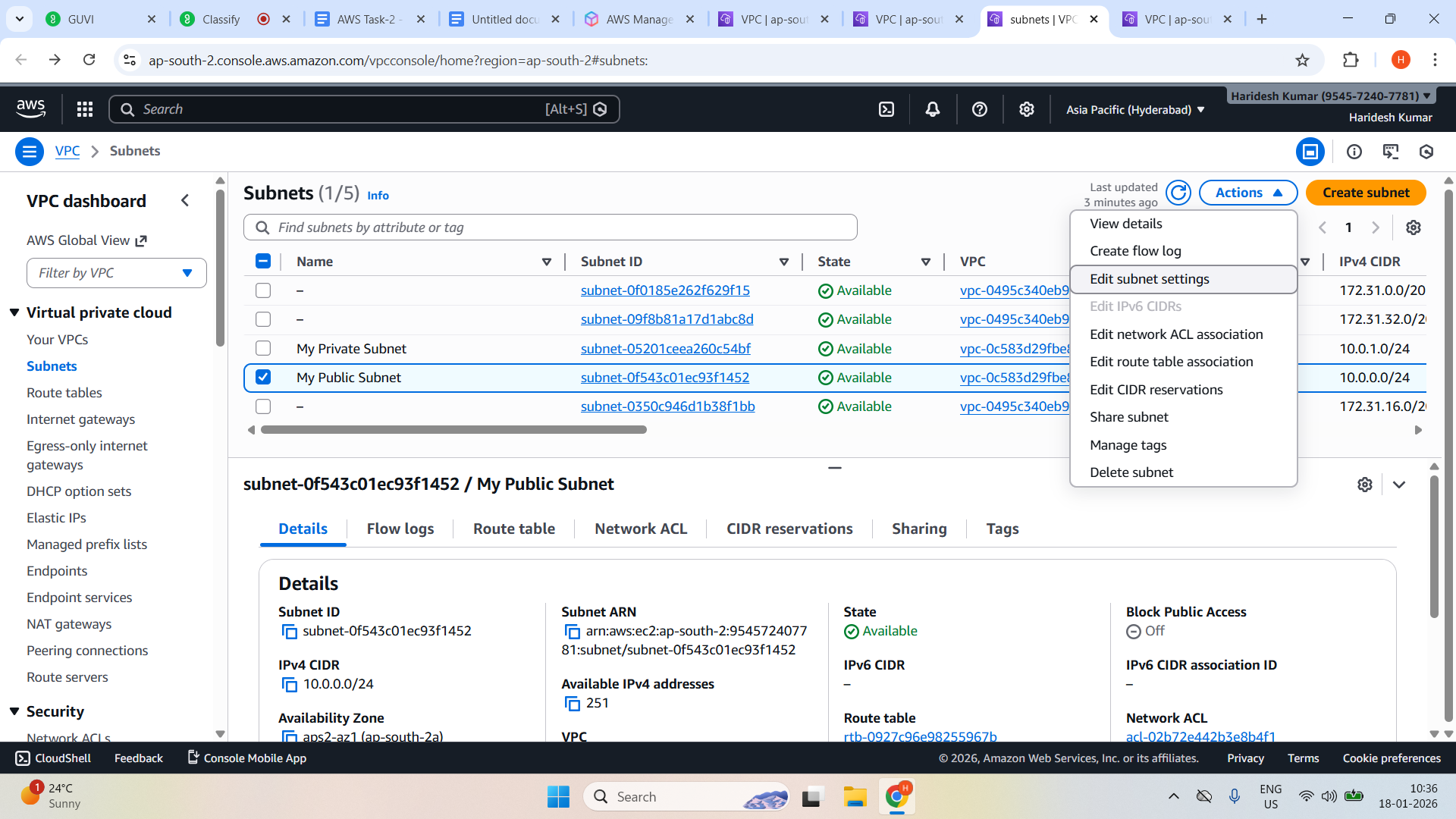
**Created a Private subnet (256 IPs)**



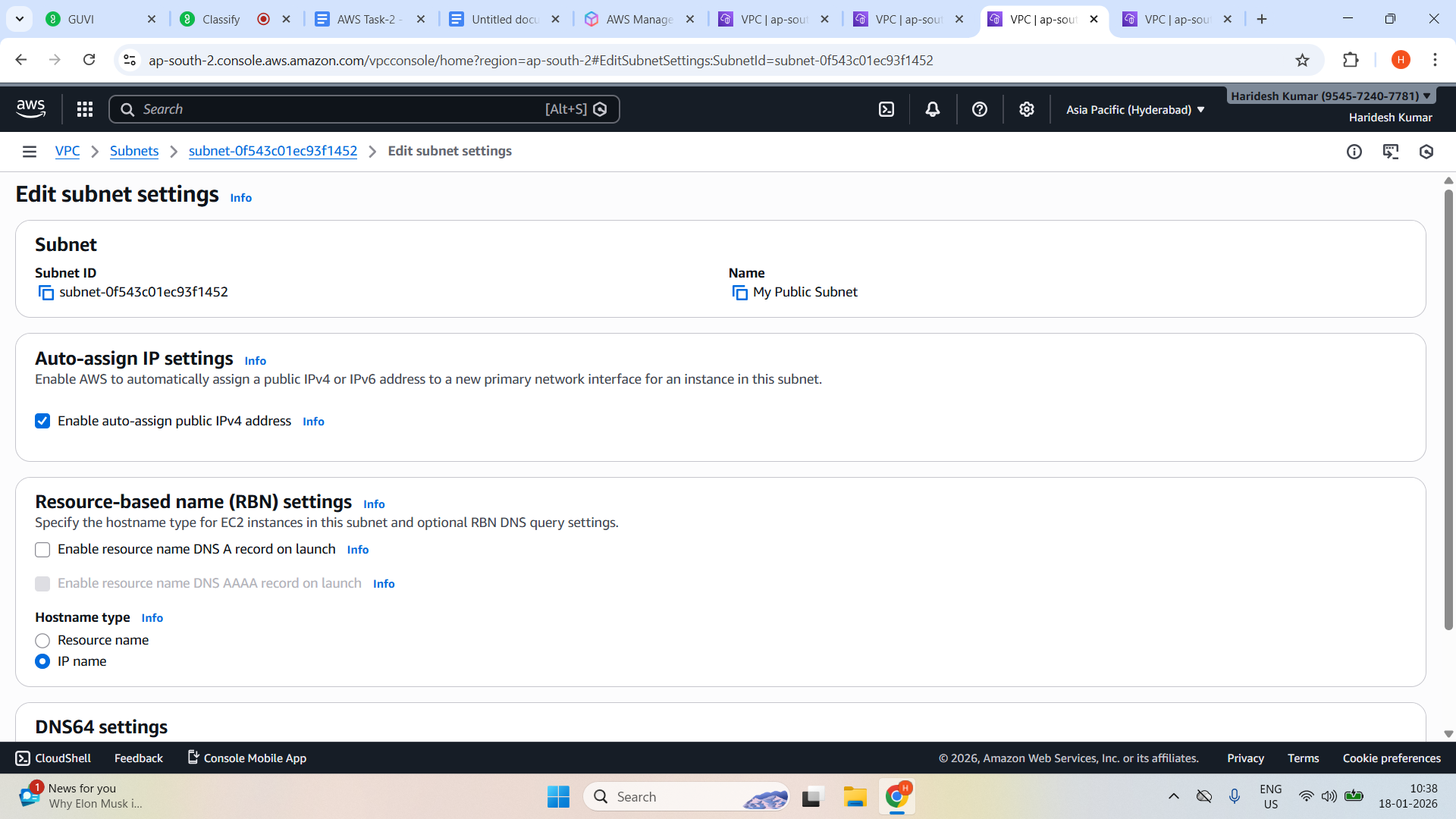


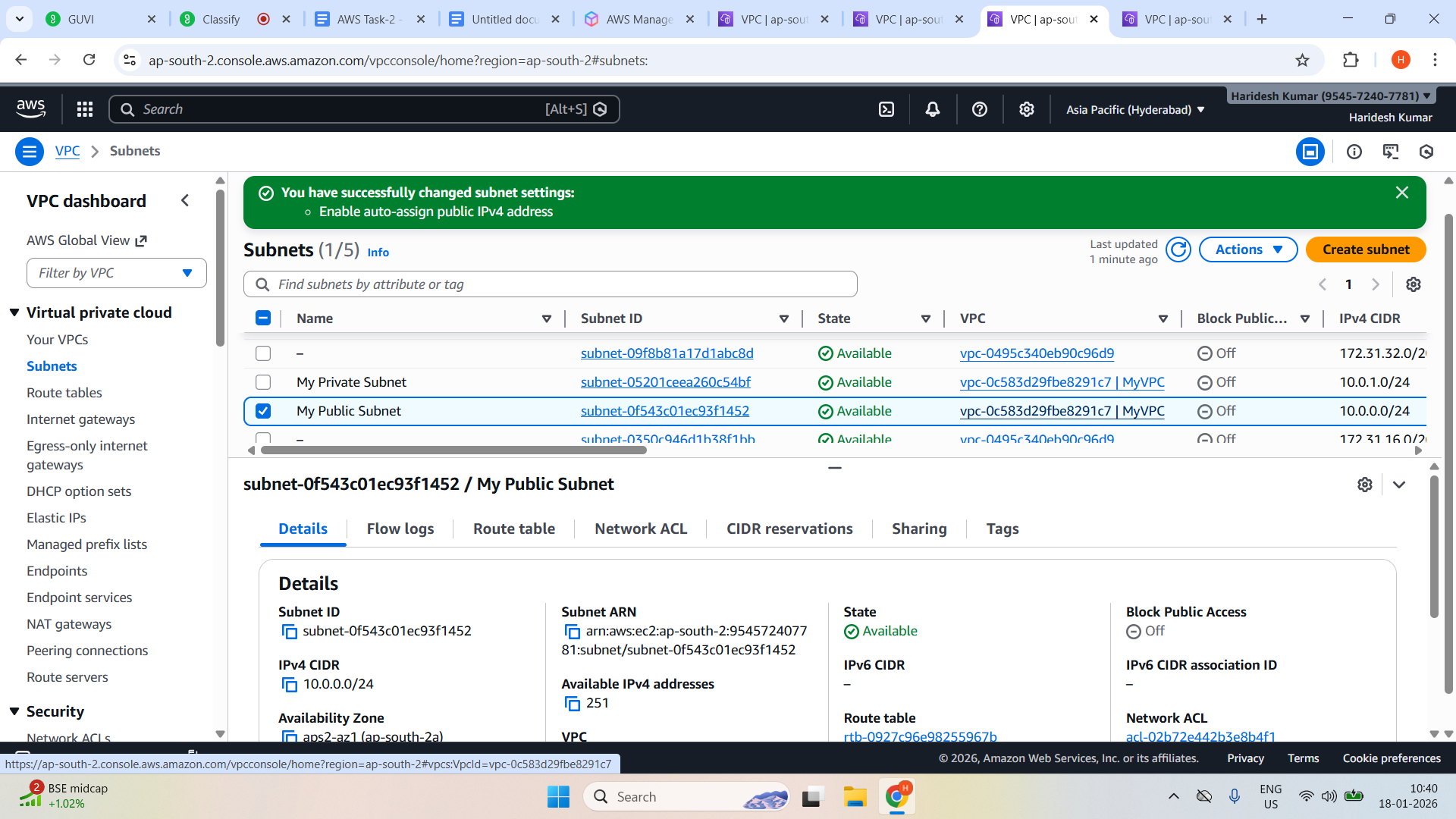
**Enable Auto-Assign Public IP for Public Subnet**

**Select Public subnet —> Actions—> Edit subnet settings**

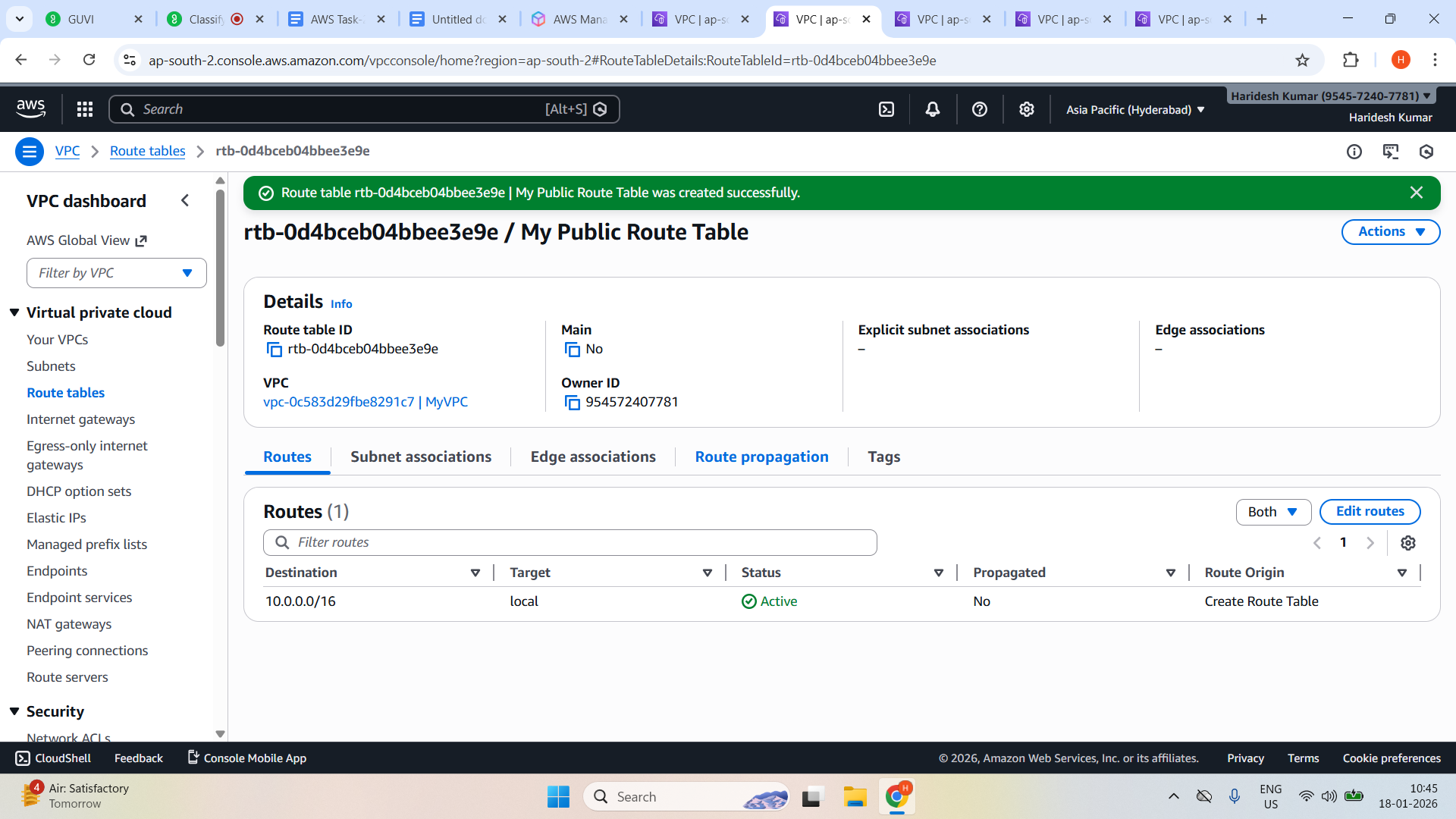


**Enable Auto-assign Public IPv4 address and click save**



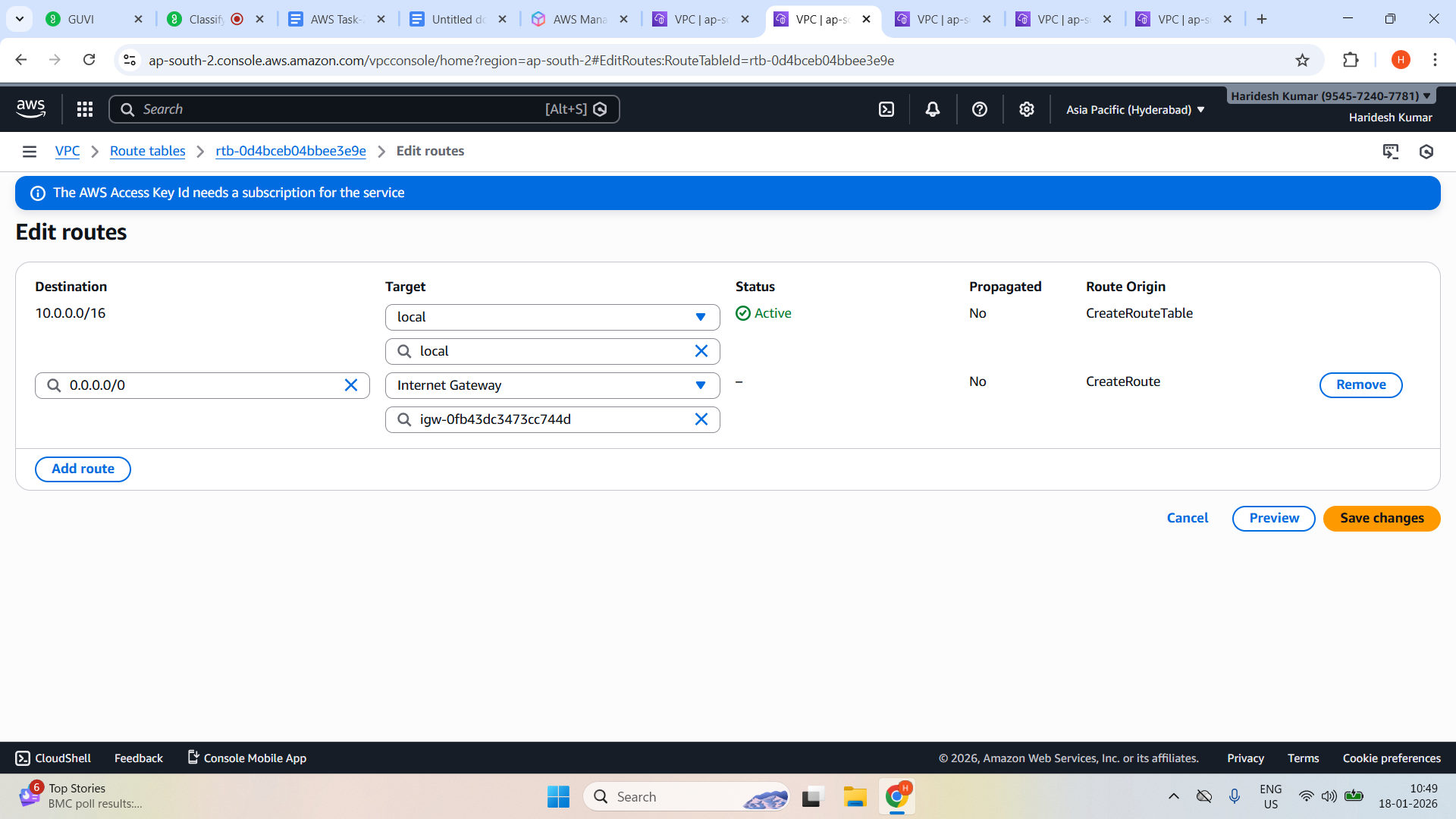


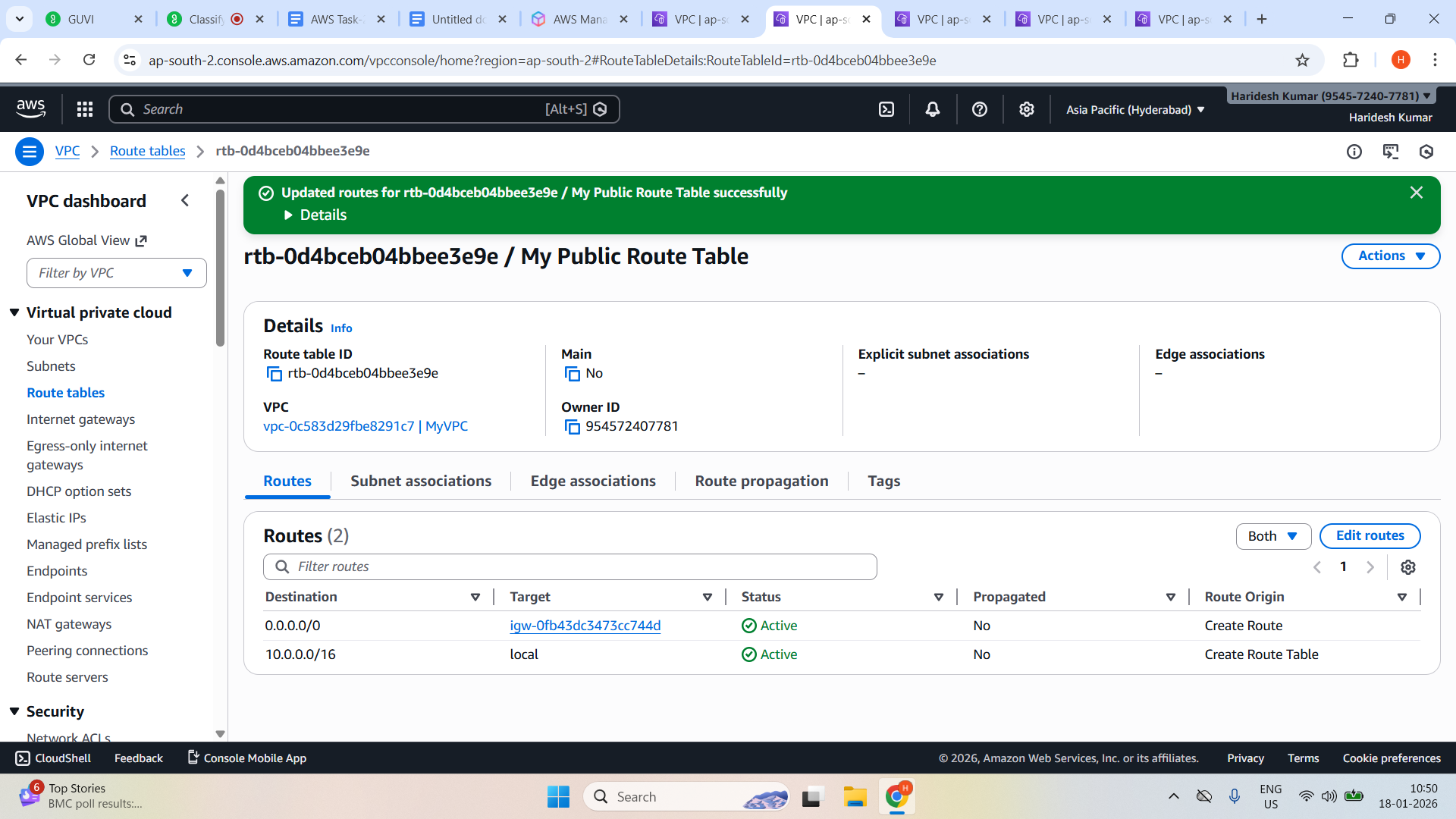
**Created a Route tables**



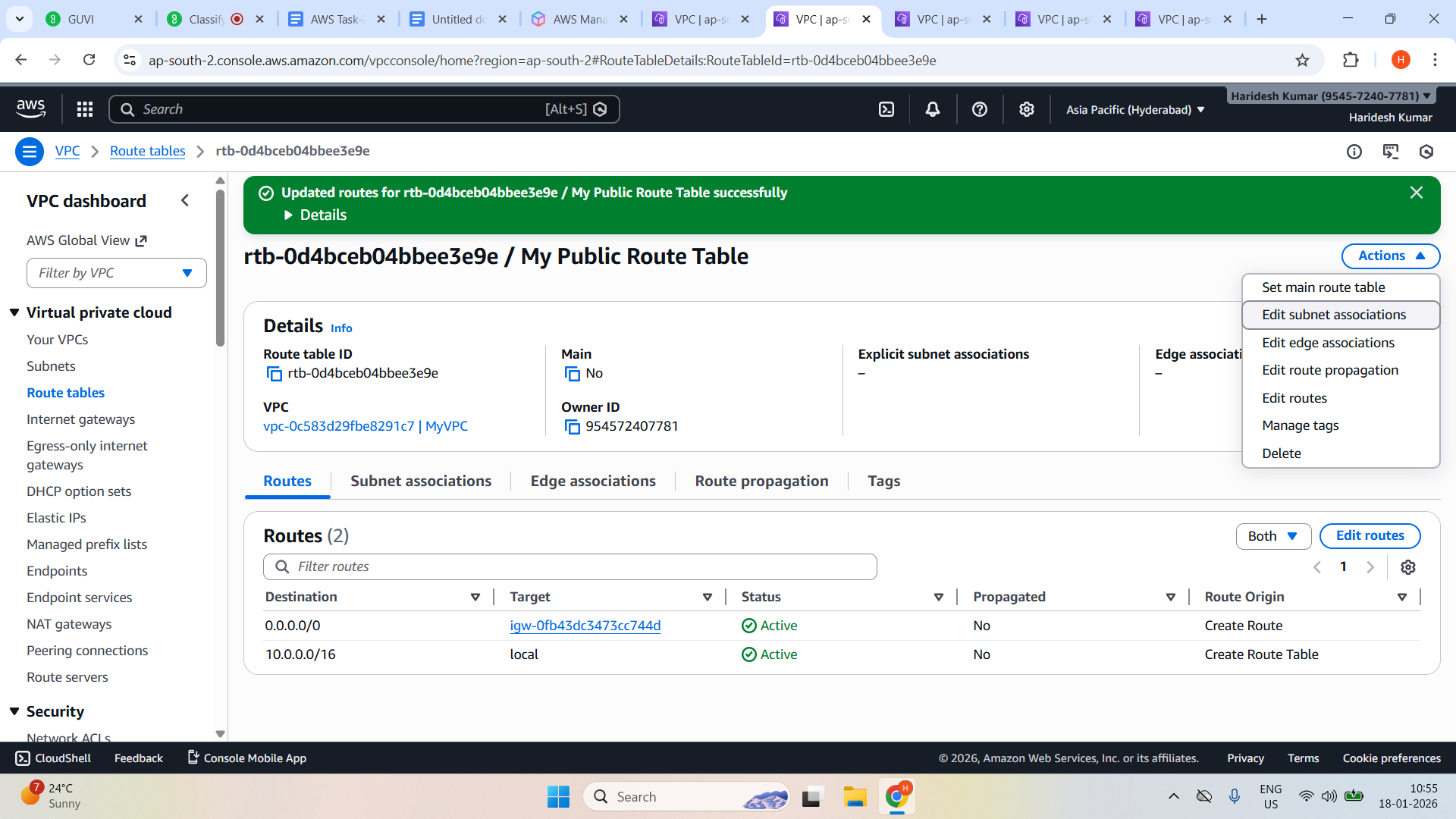
**Add Internet gateway route**

**Actions —> Edit Routes**

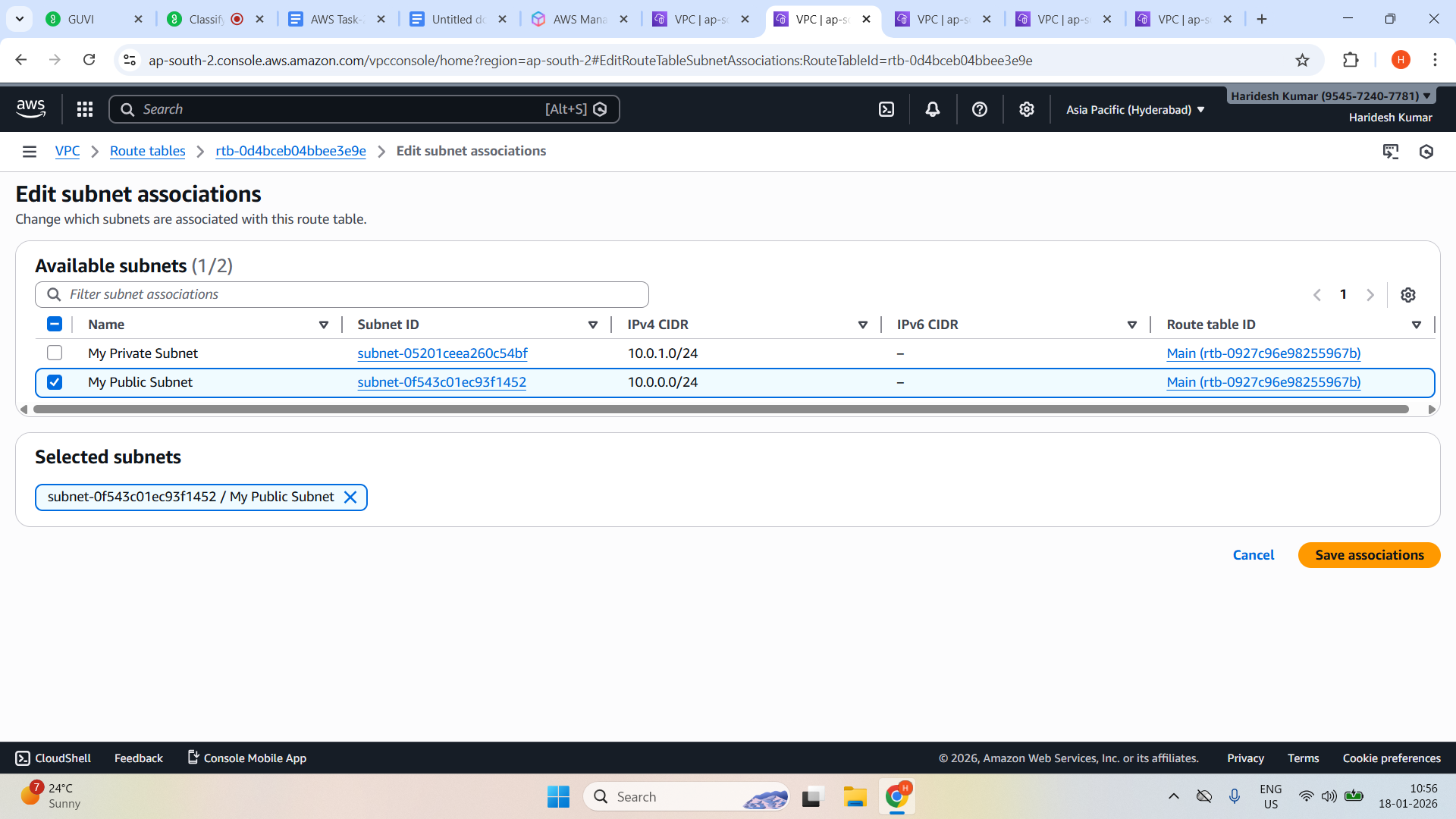


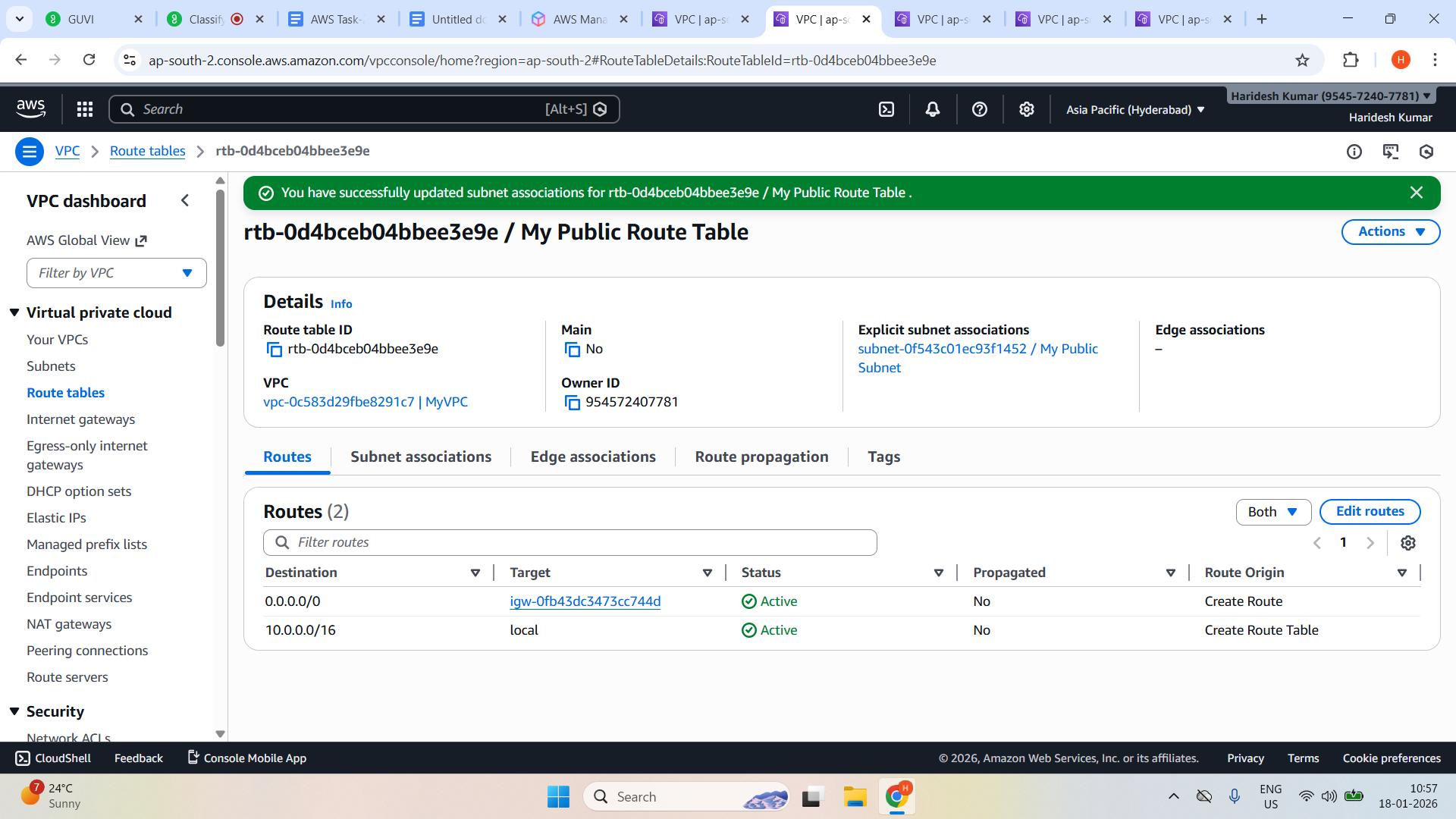


**Associate Route Table with Public Subnet**



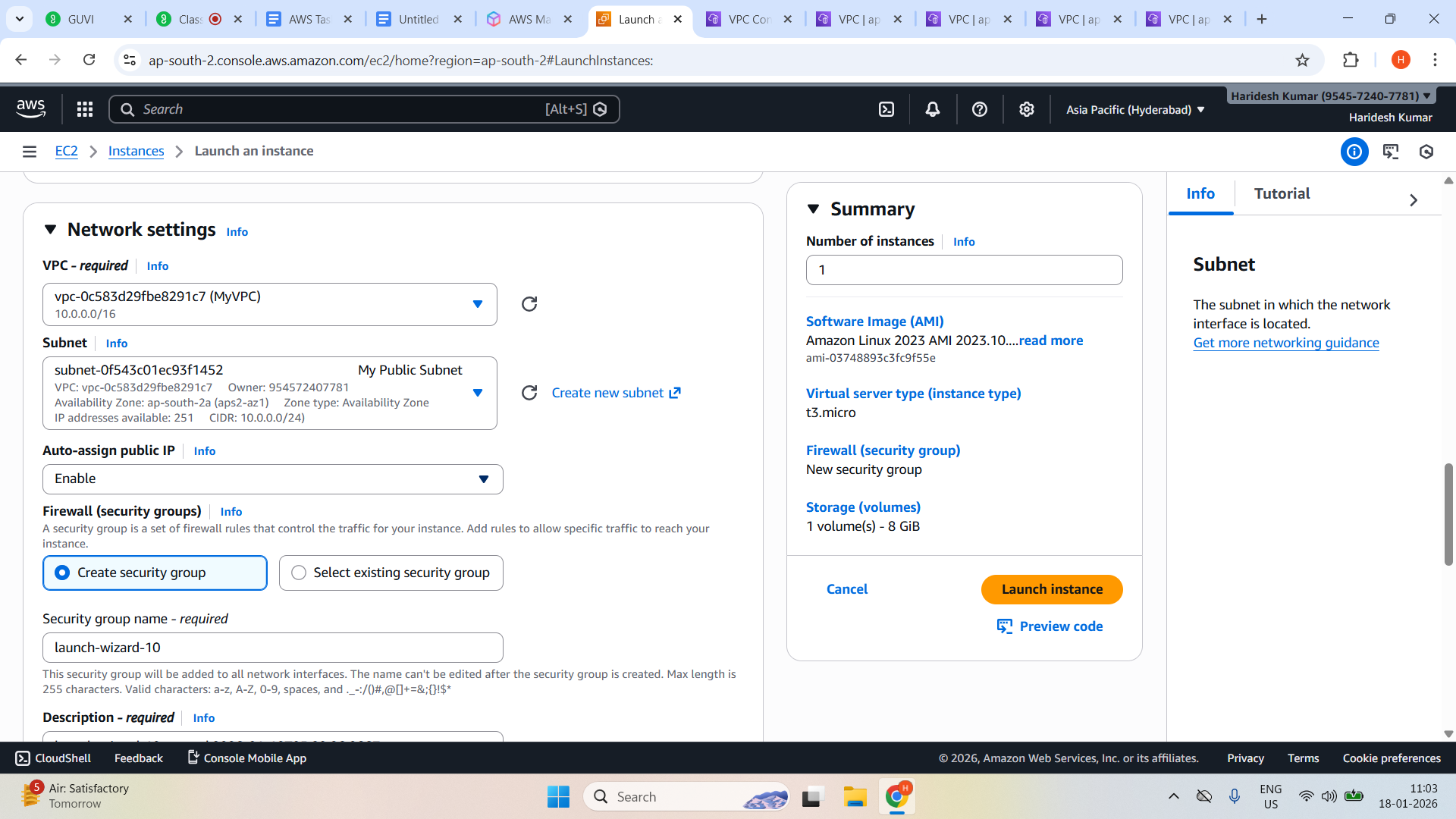
**Select public subnet and and save**

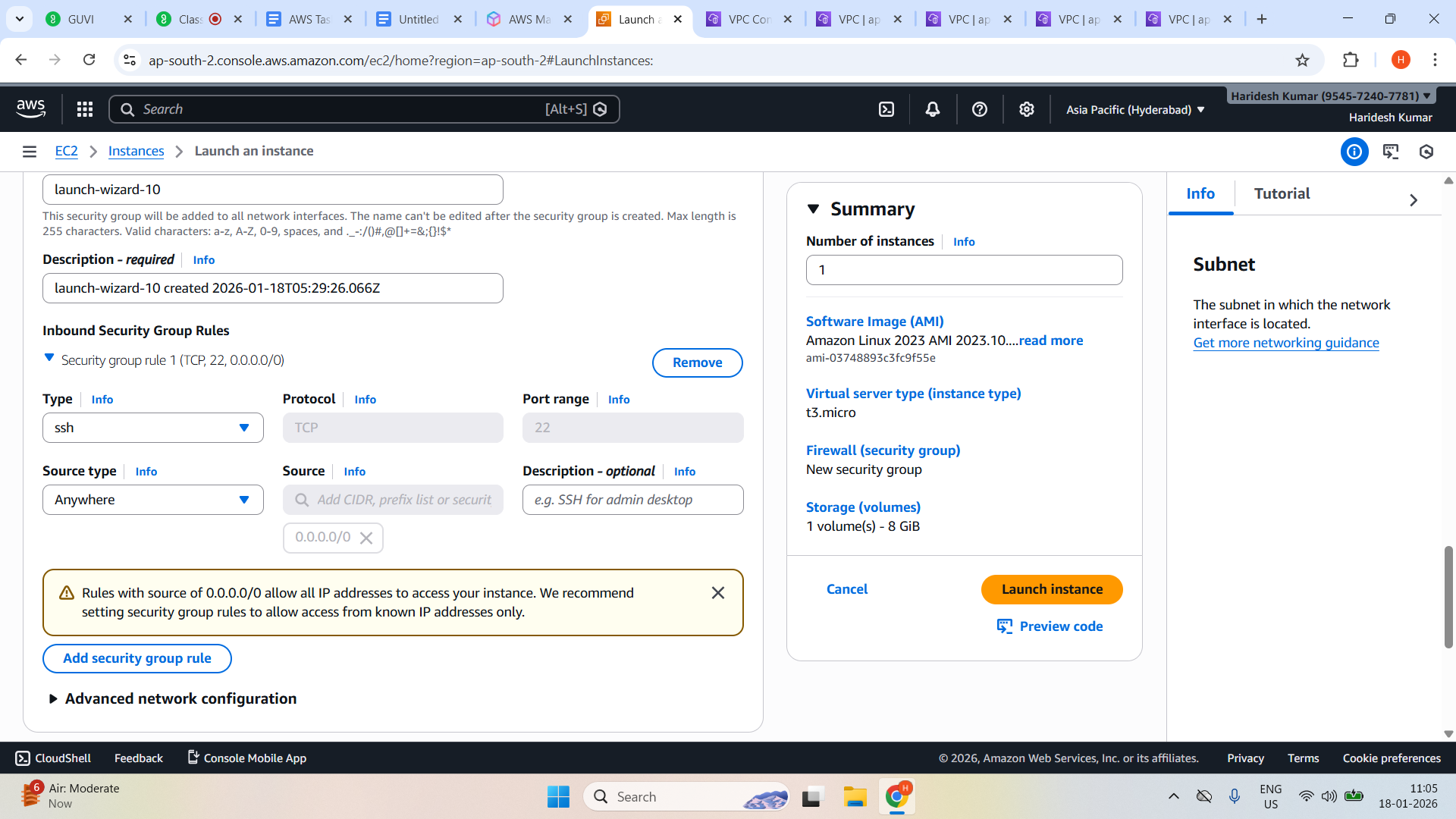




**Launch Linux EC2 Instance**

**Network settings info while creating EC2 instance**





**Launched a Linux EC2 instance by using the above VPC and Public subnet.**

