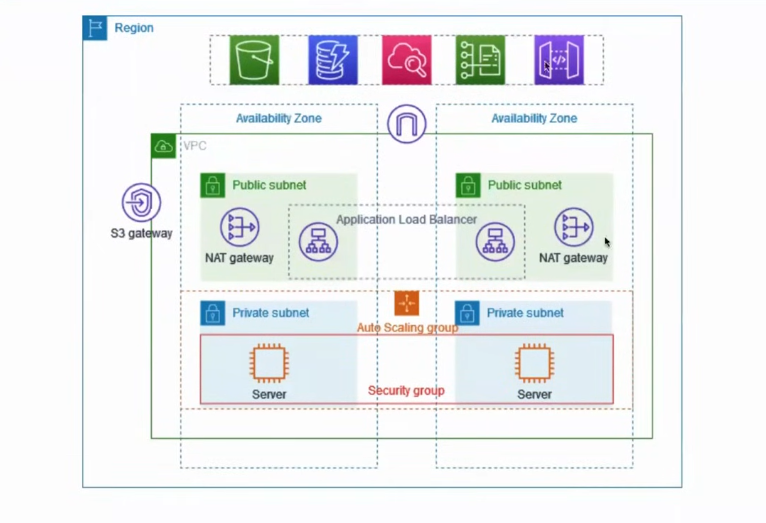
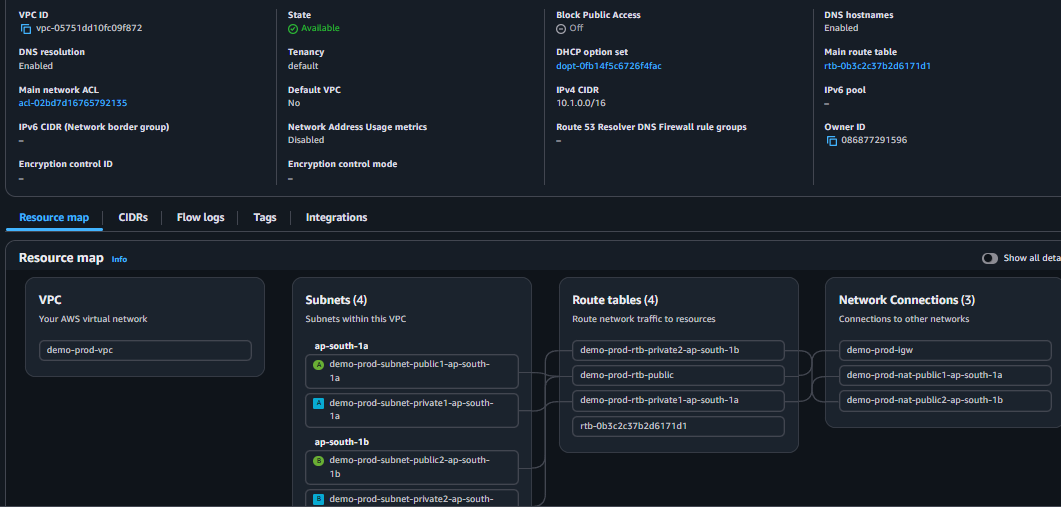
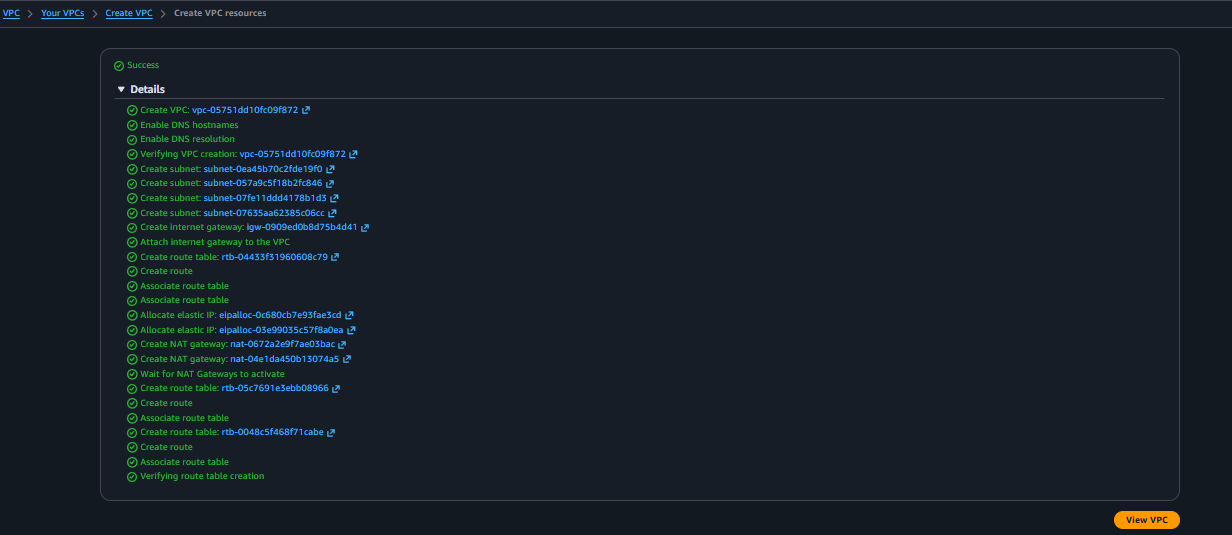
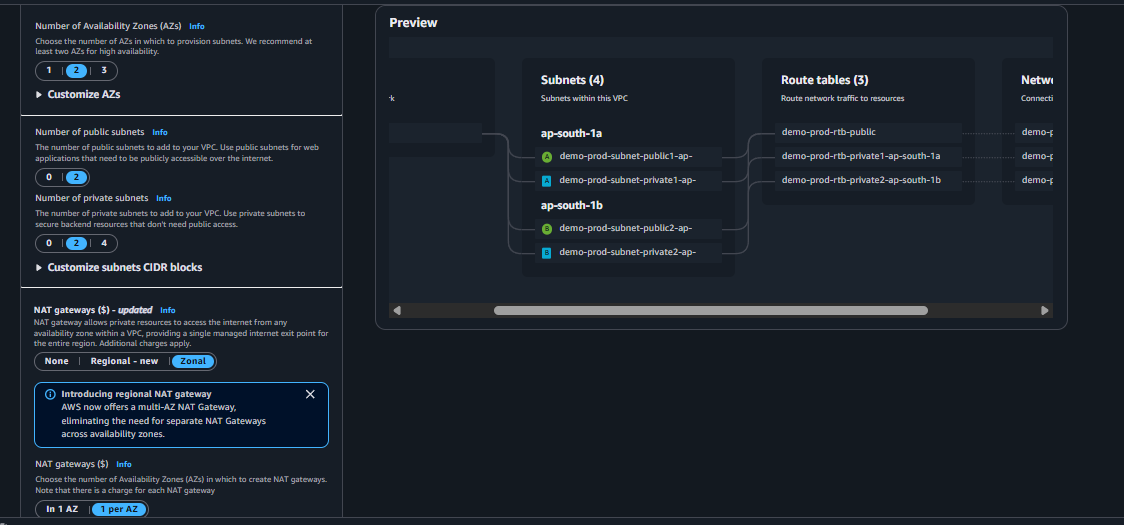
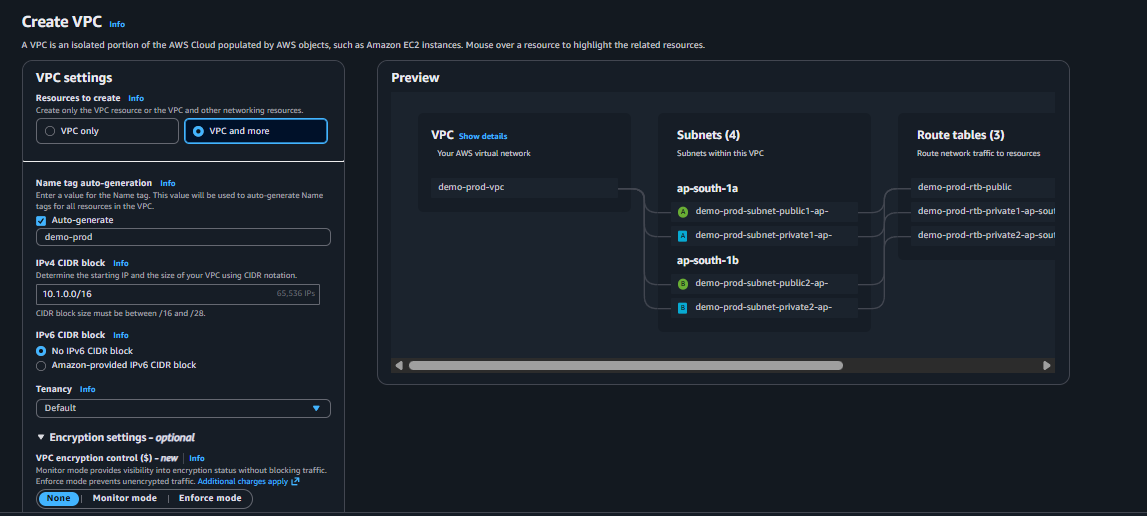
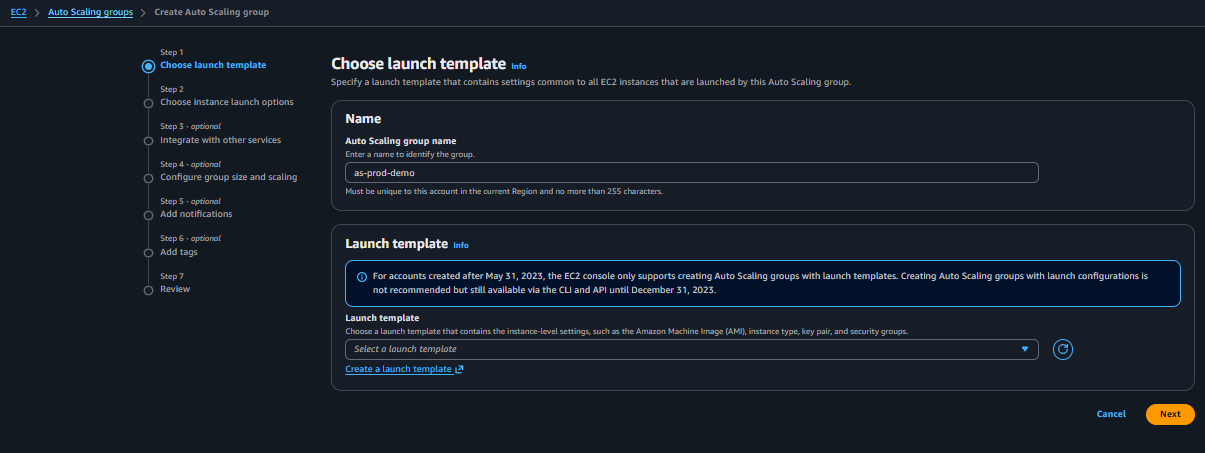
Setup:



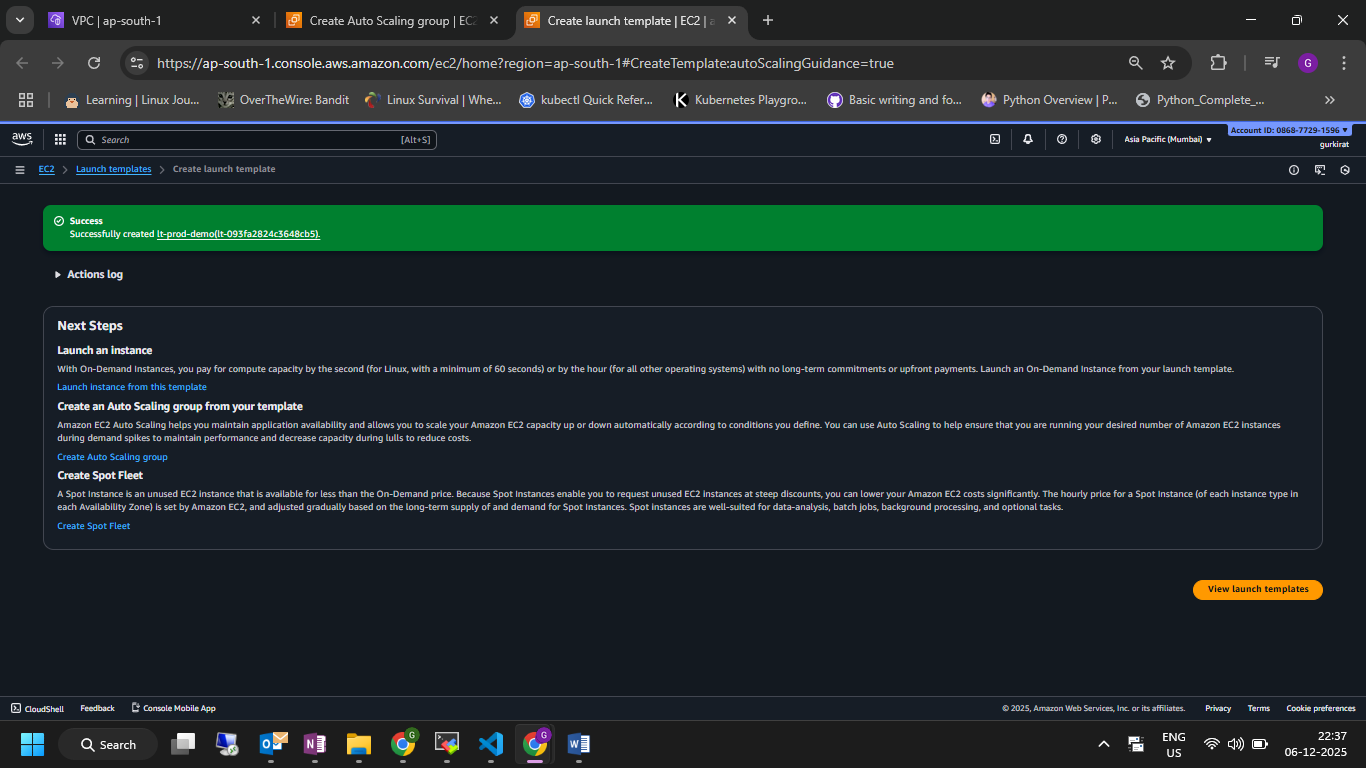
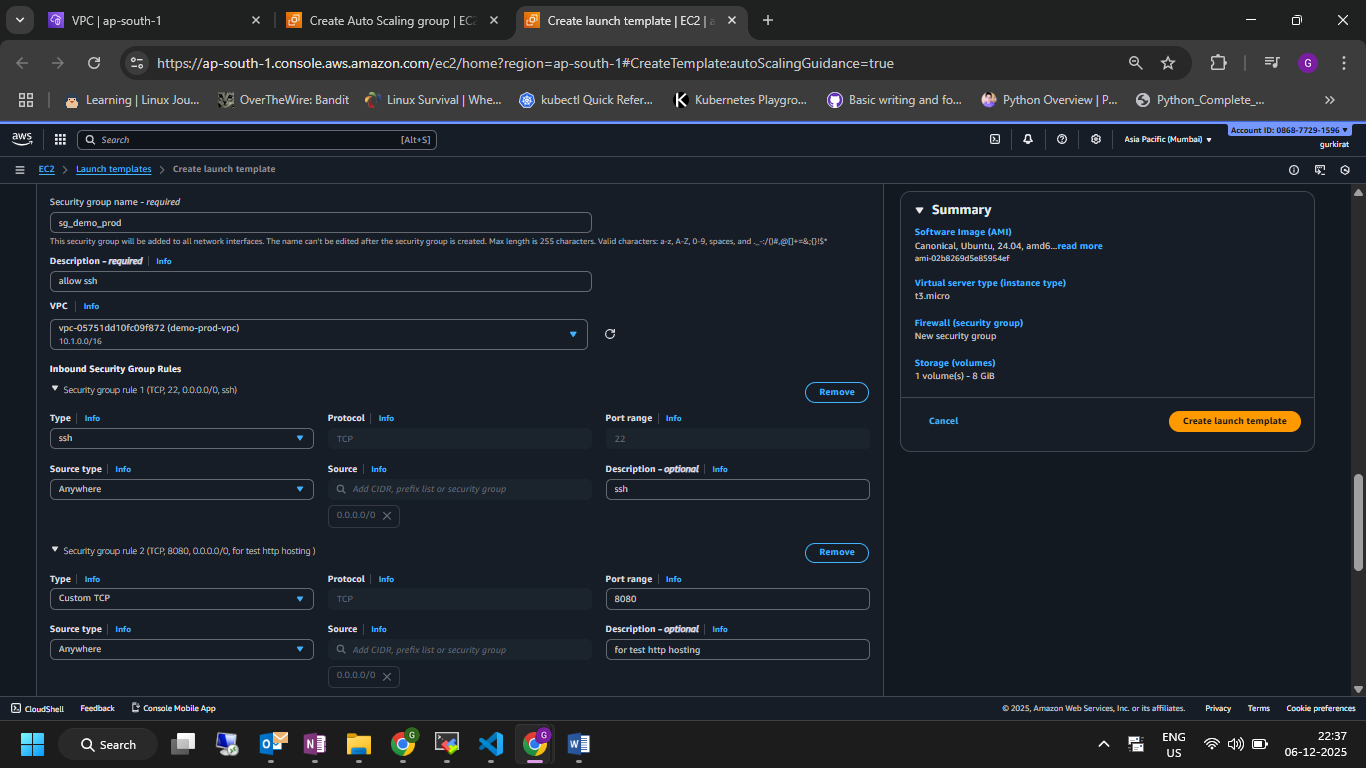
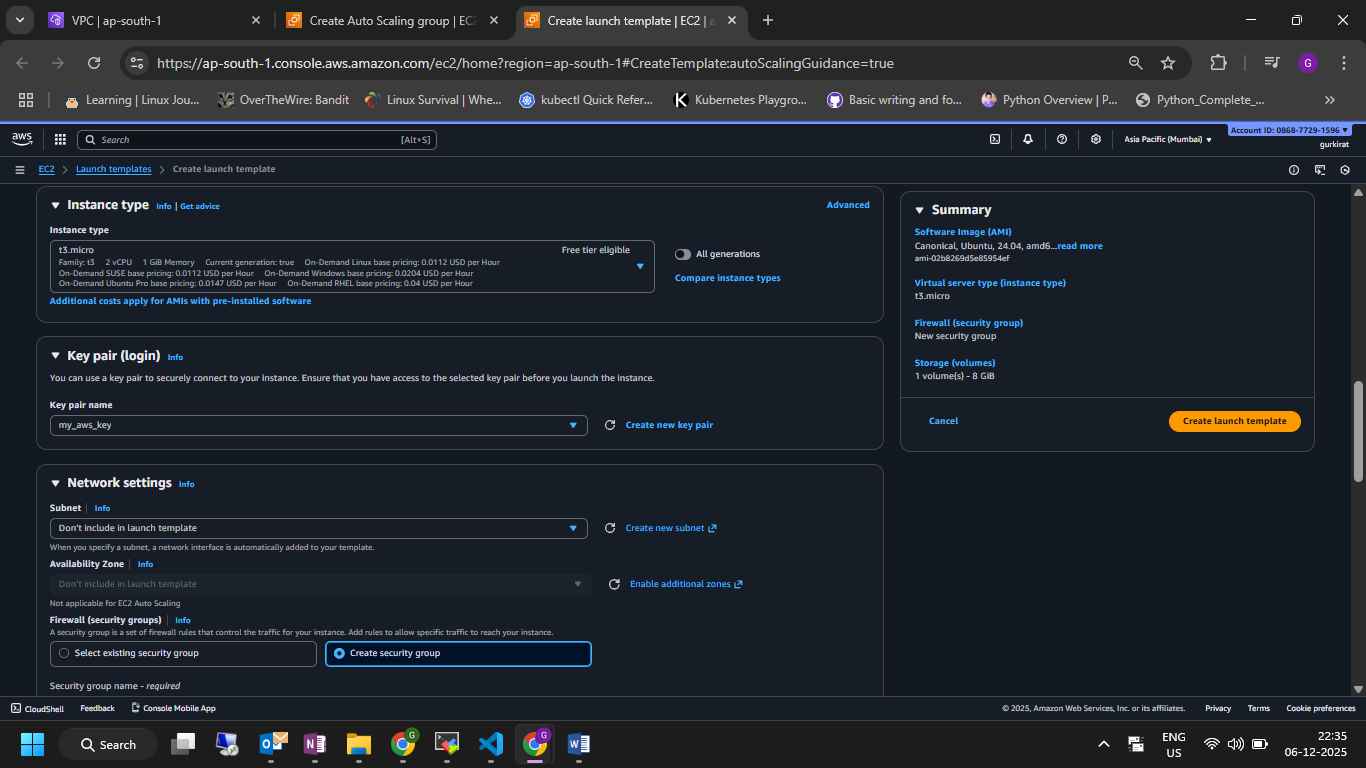
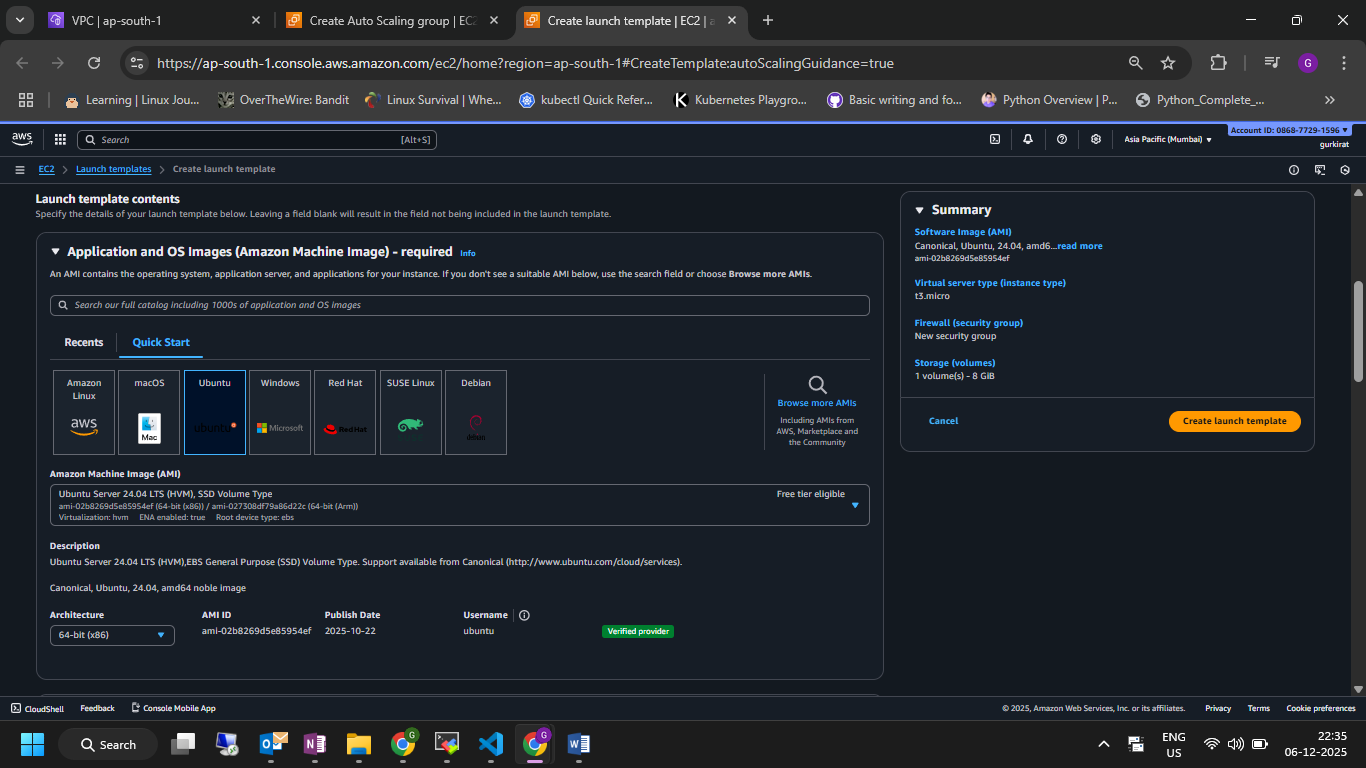
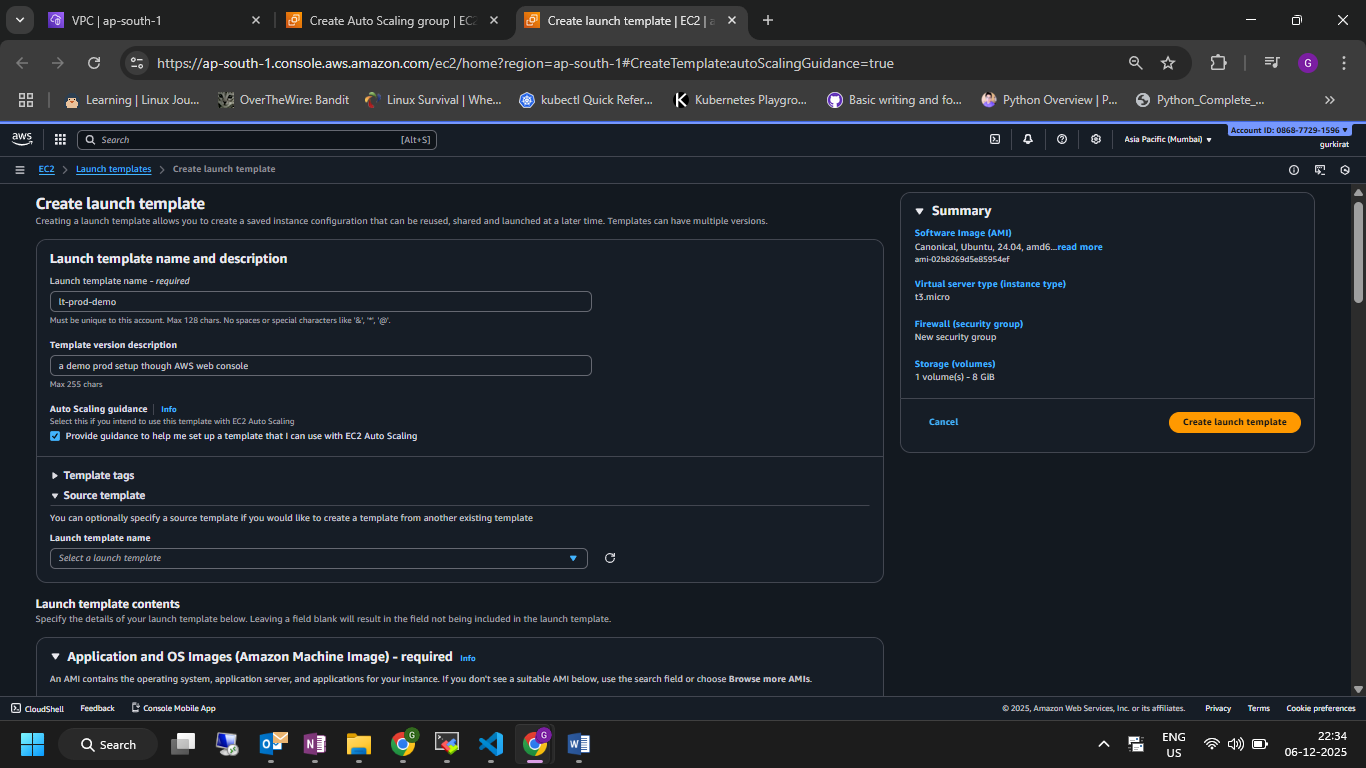
# Step1: create VPC



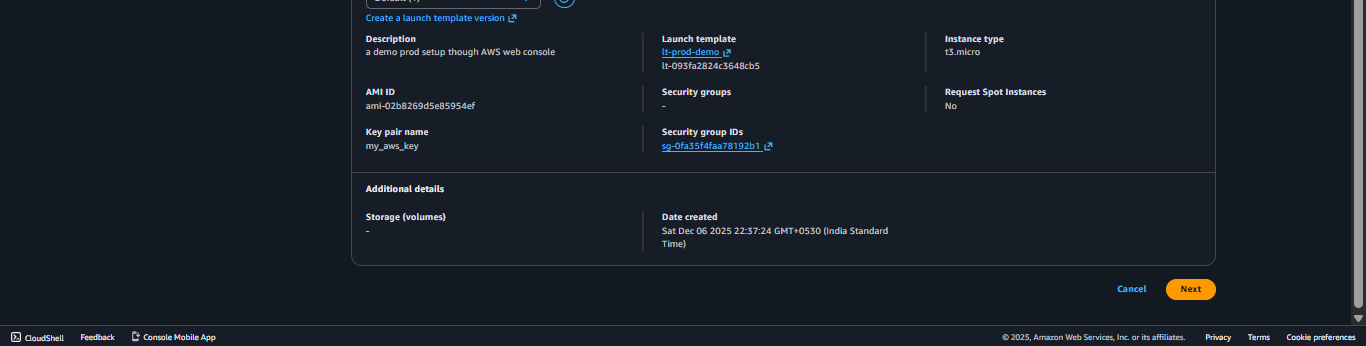
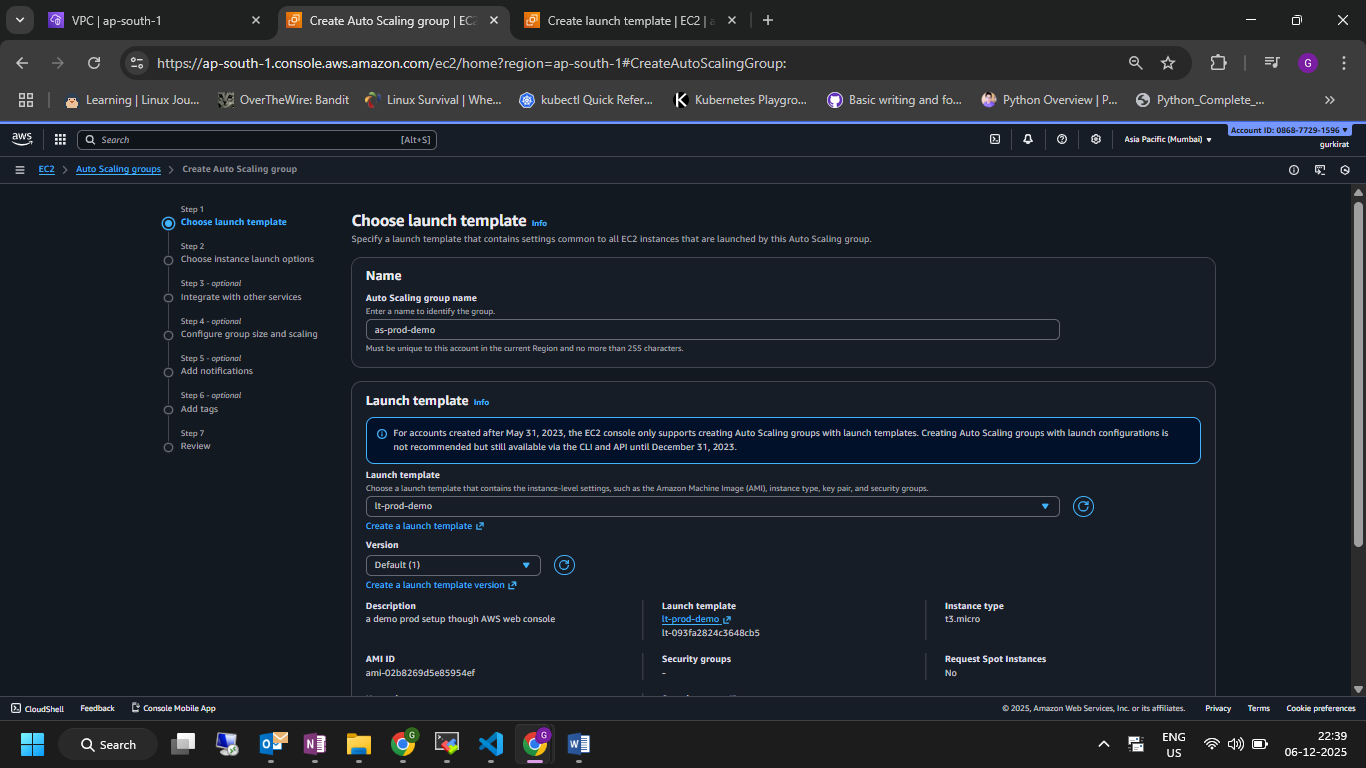
# Step2: create Autoscaling group

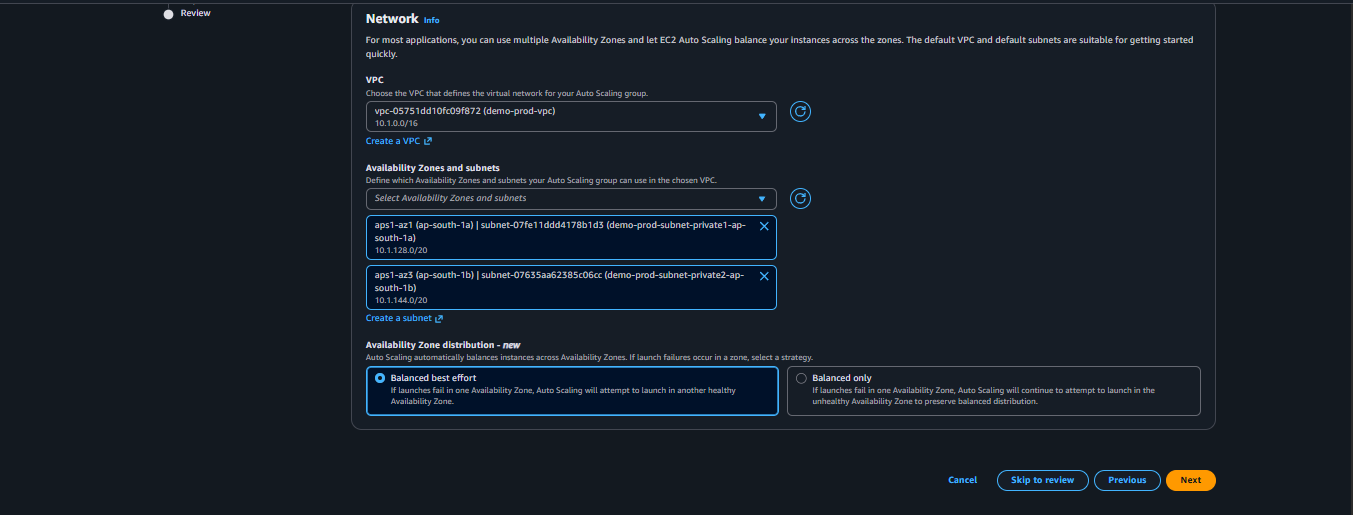


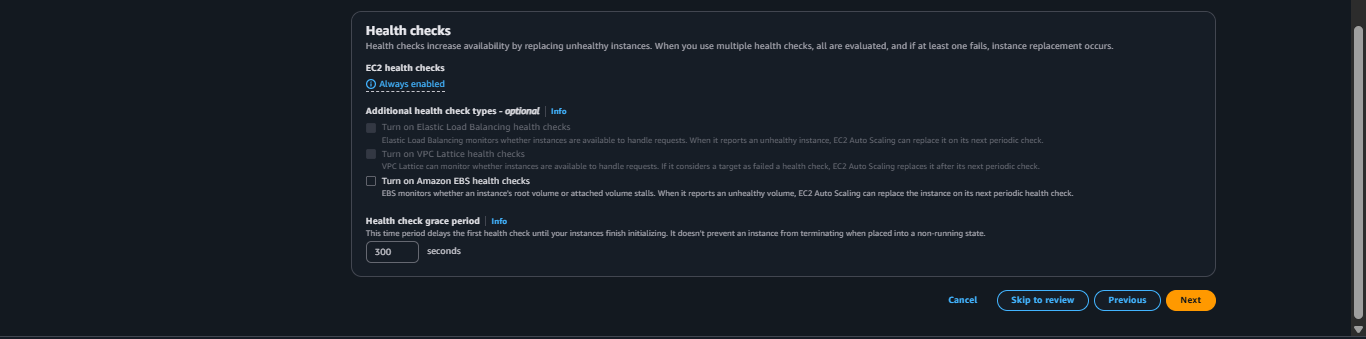
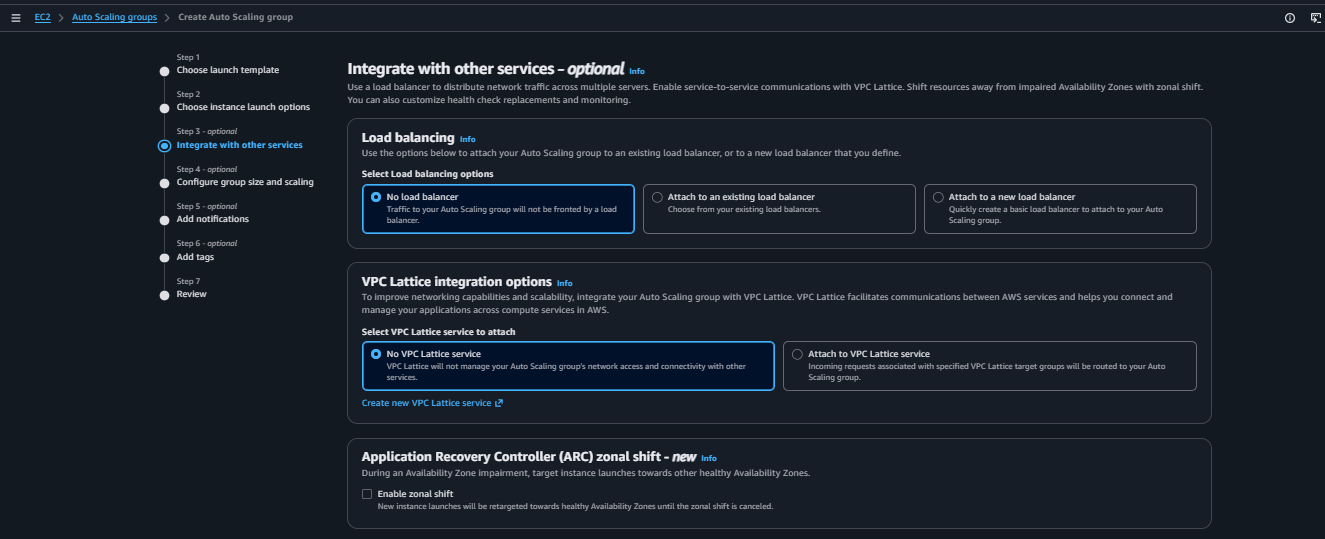
## Step2.1: Create launch template

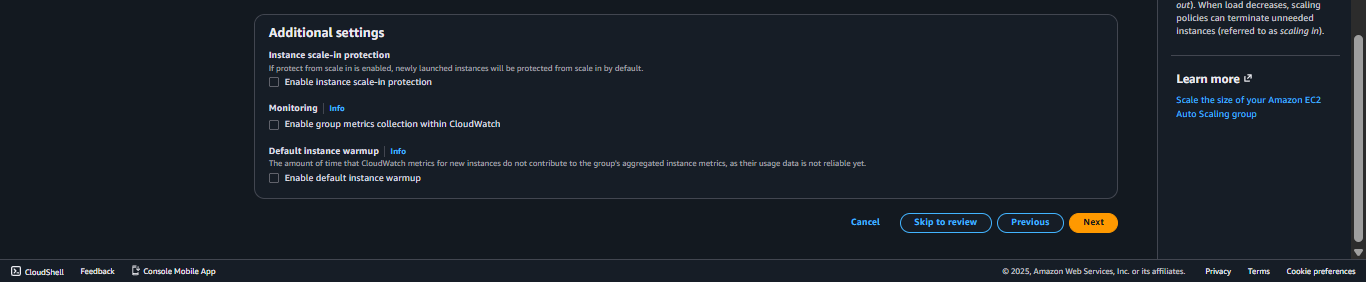
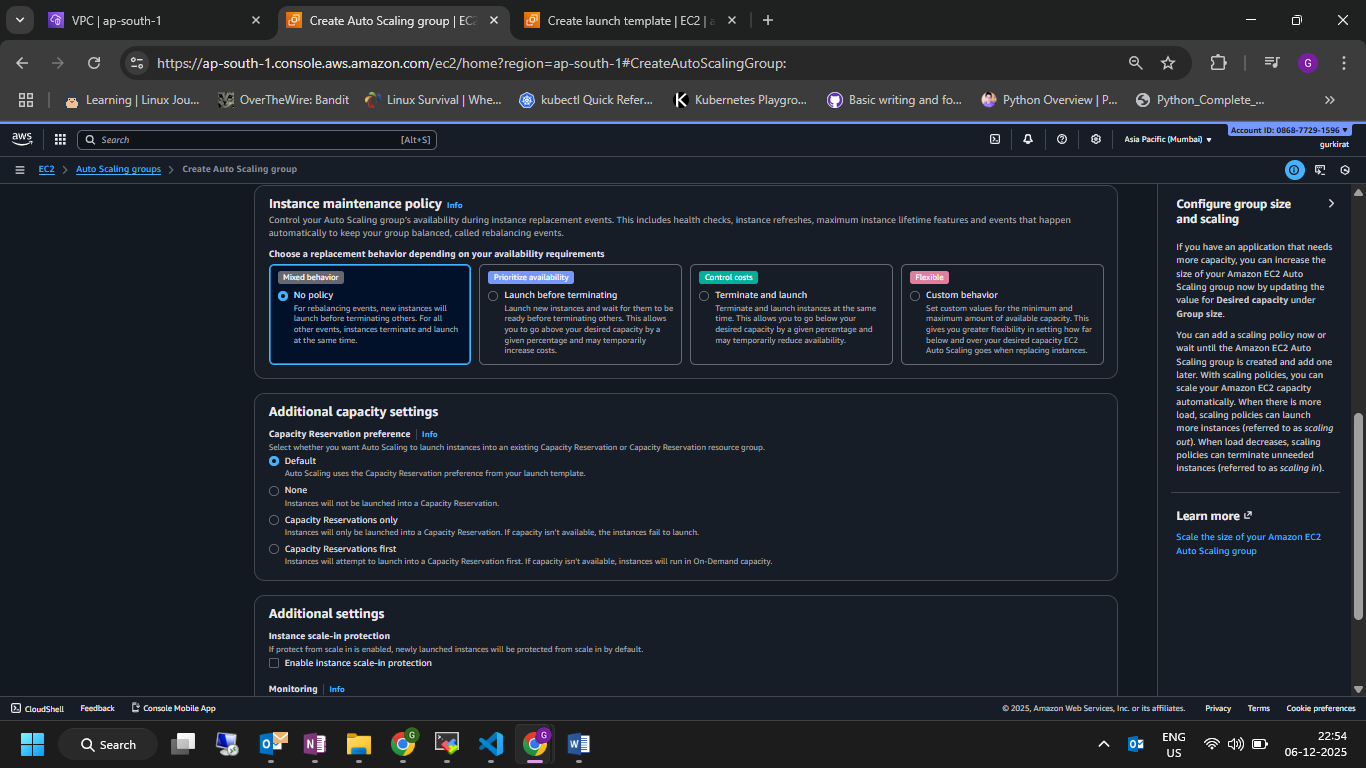
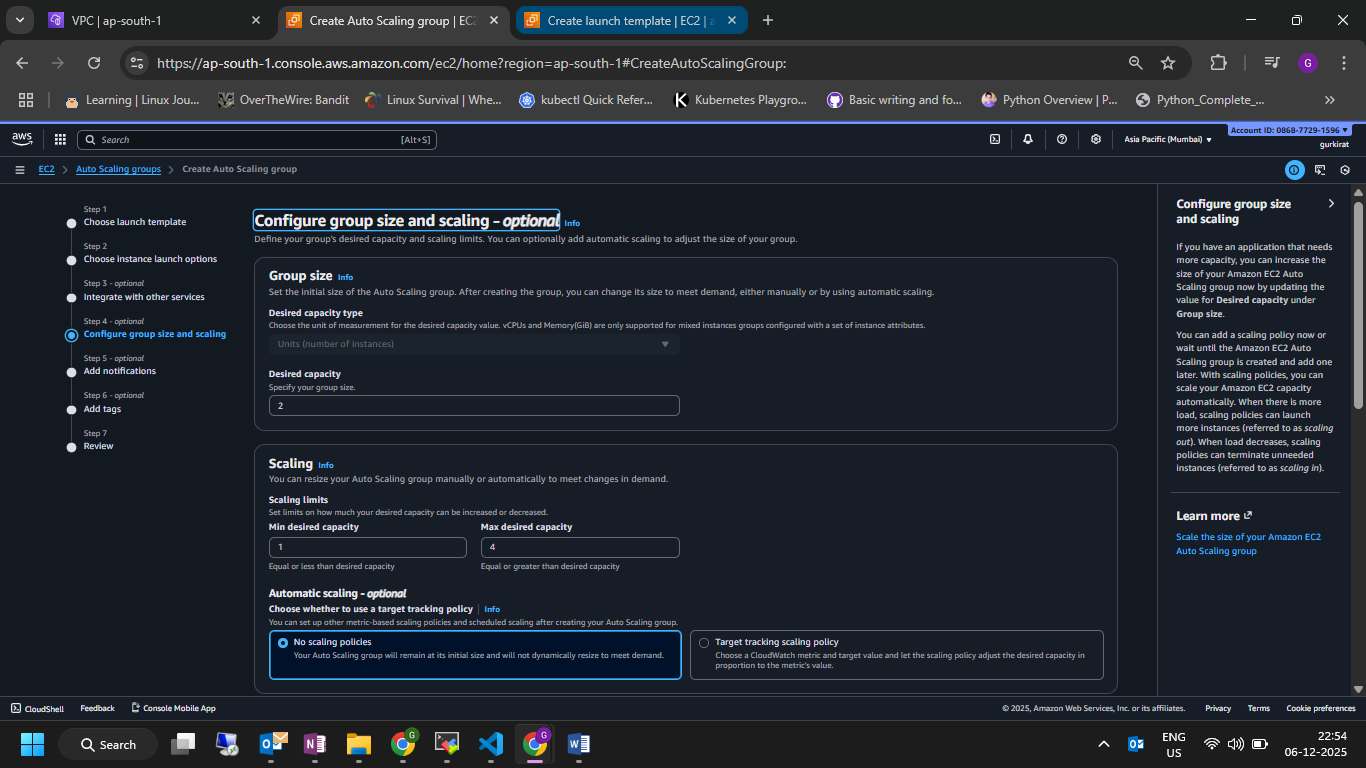


## Back to auto scaling:

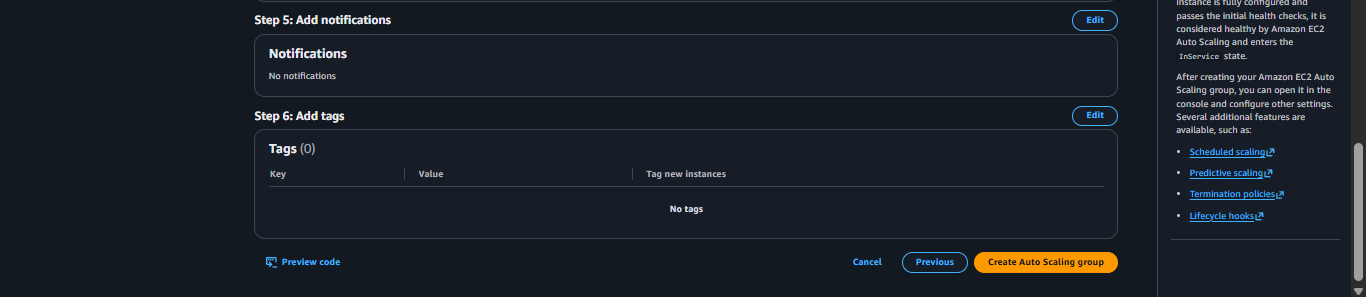
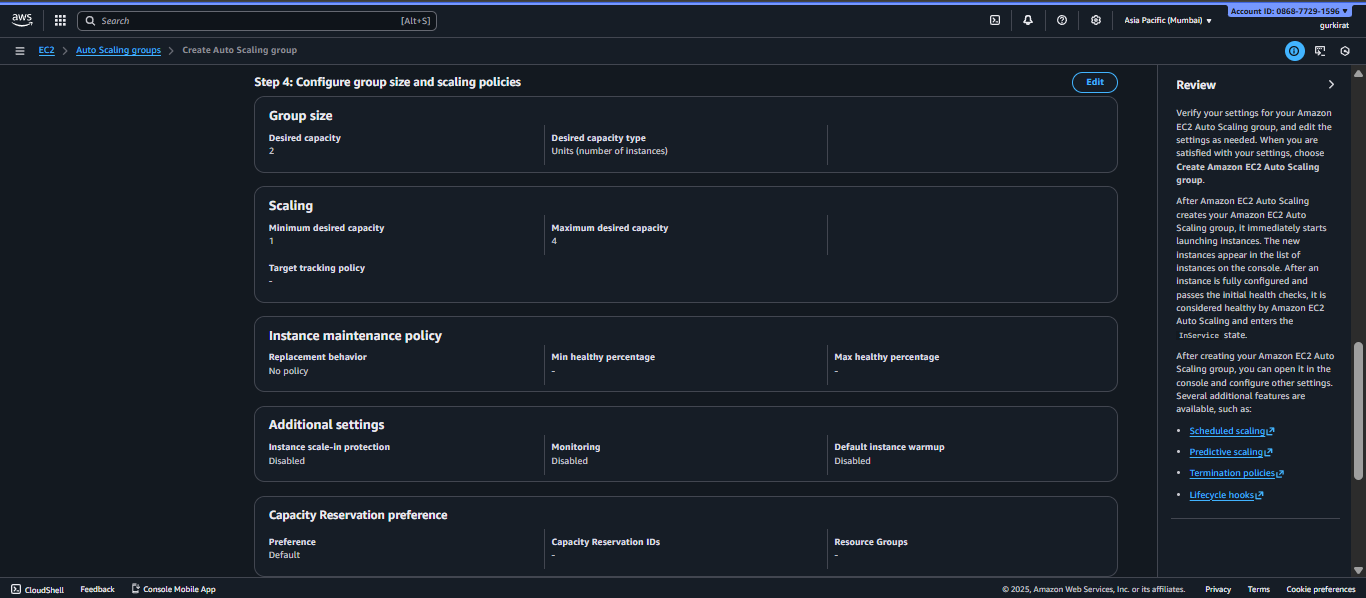
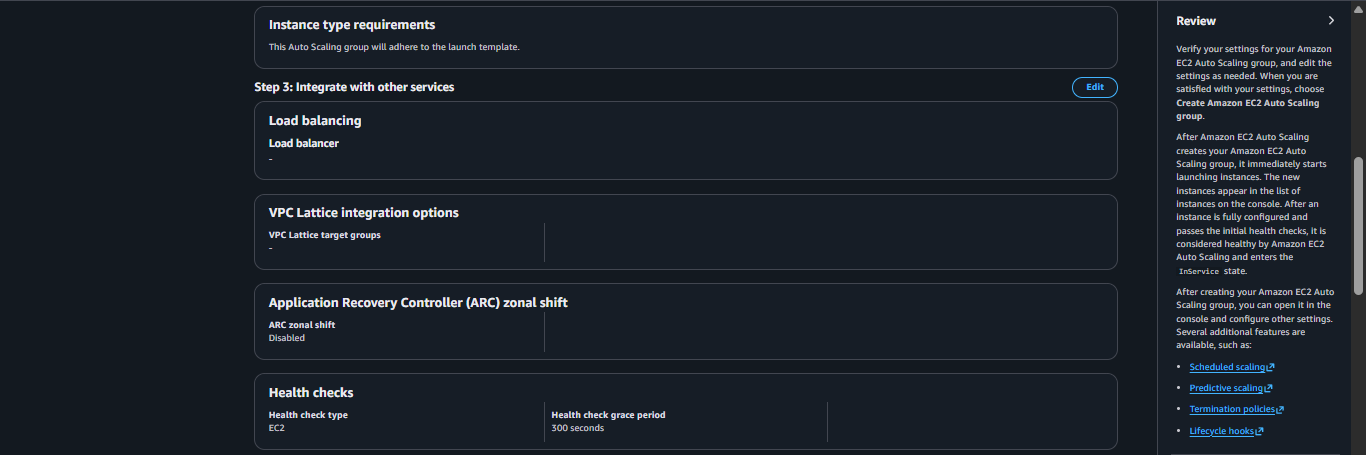
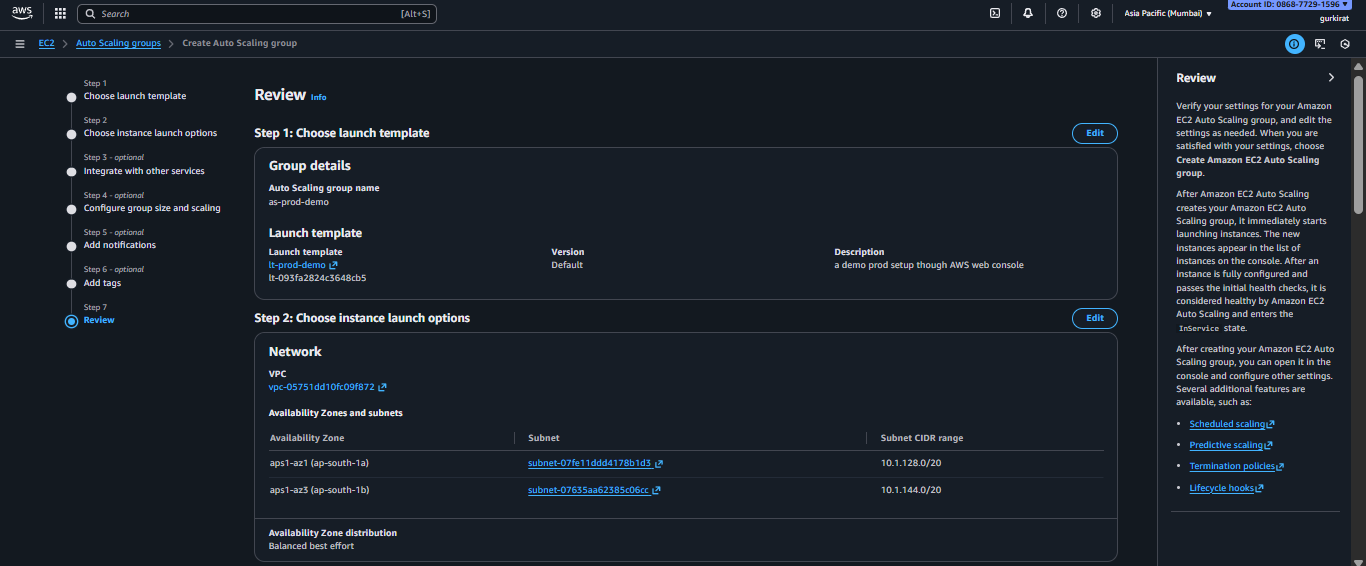


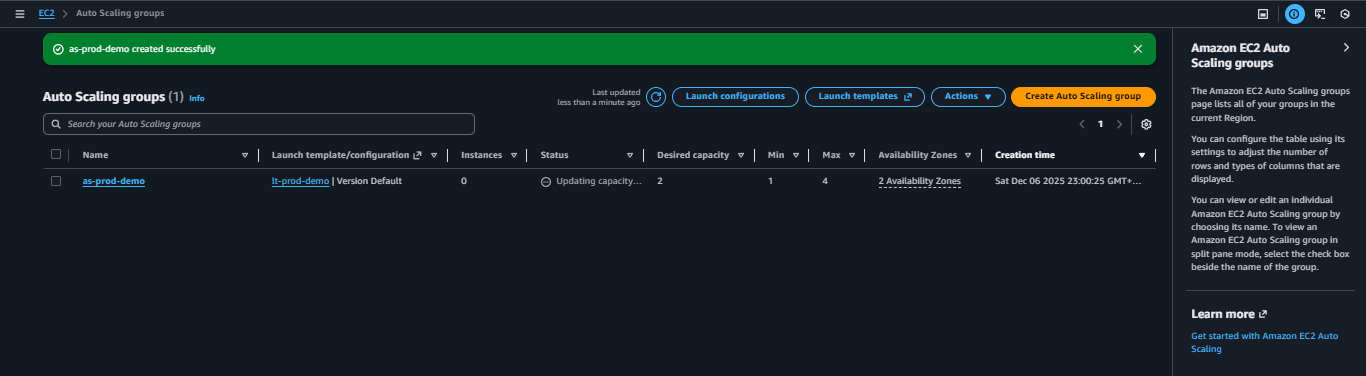




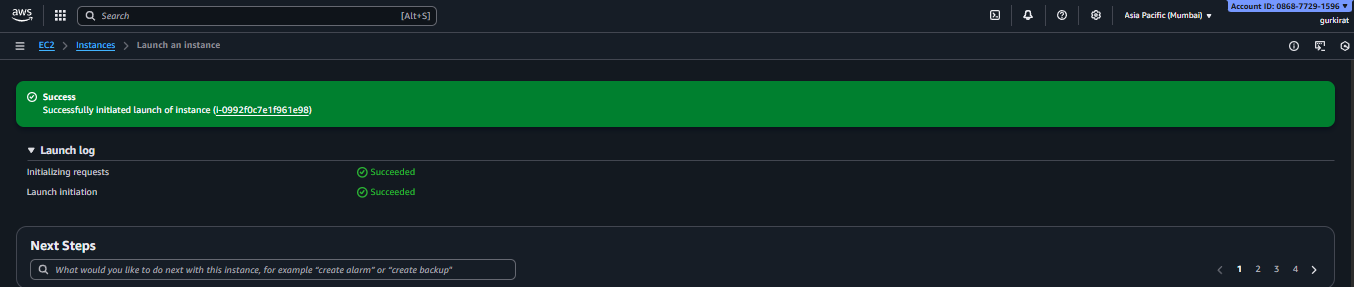
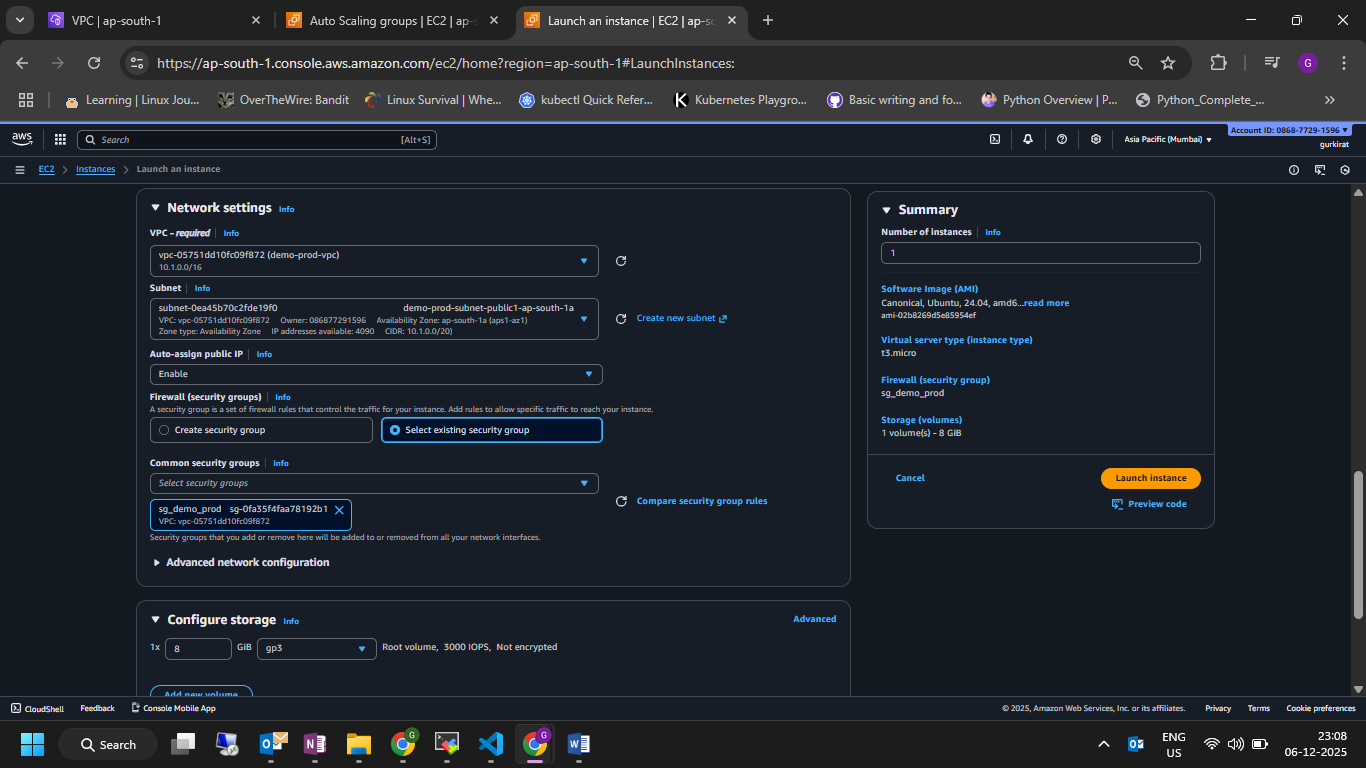
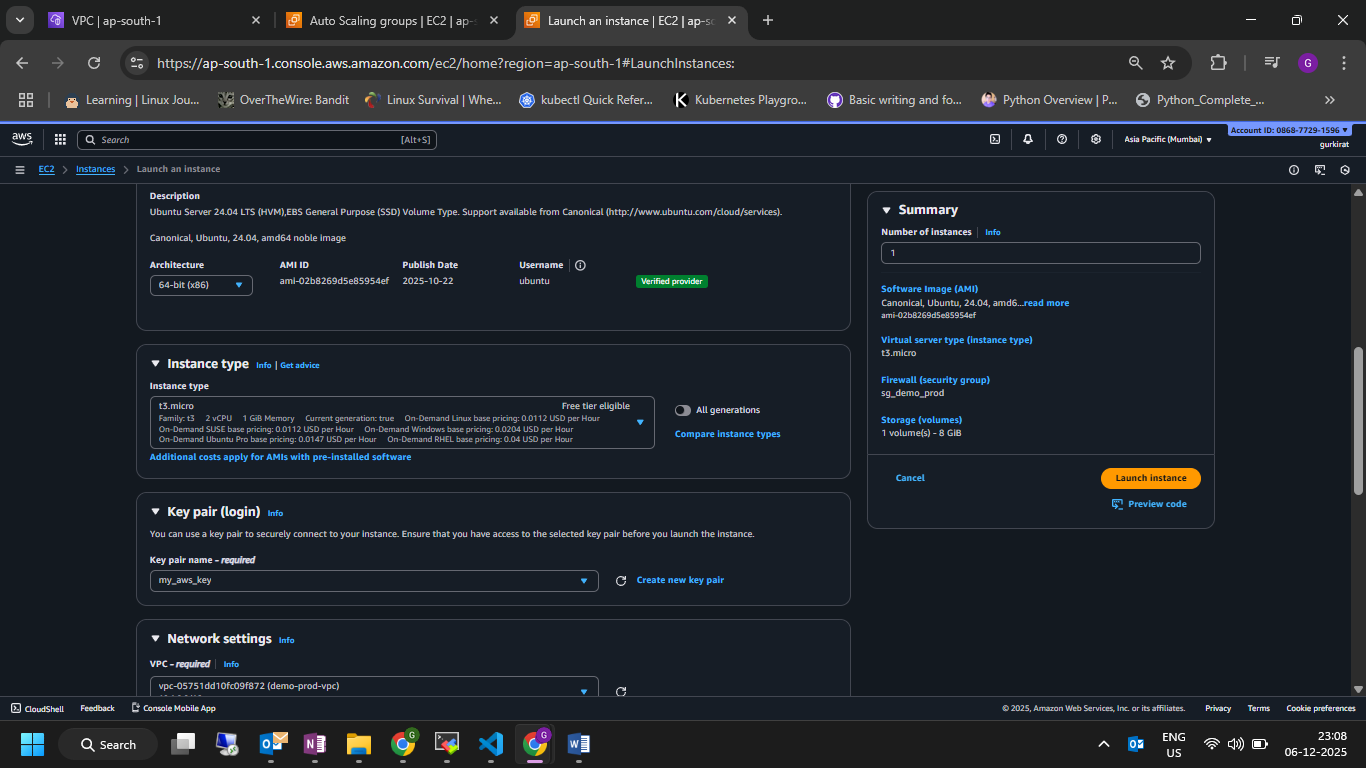
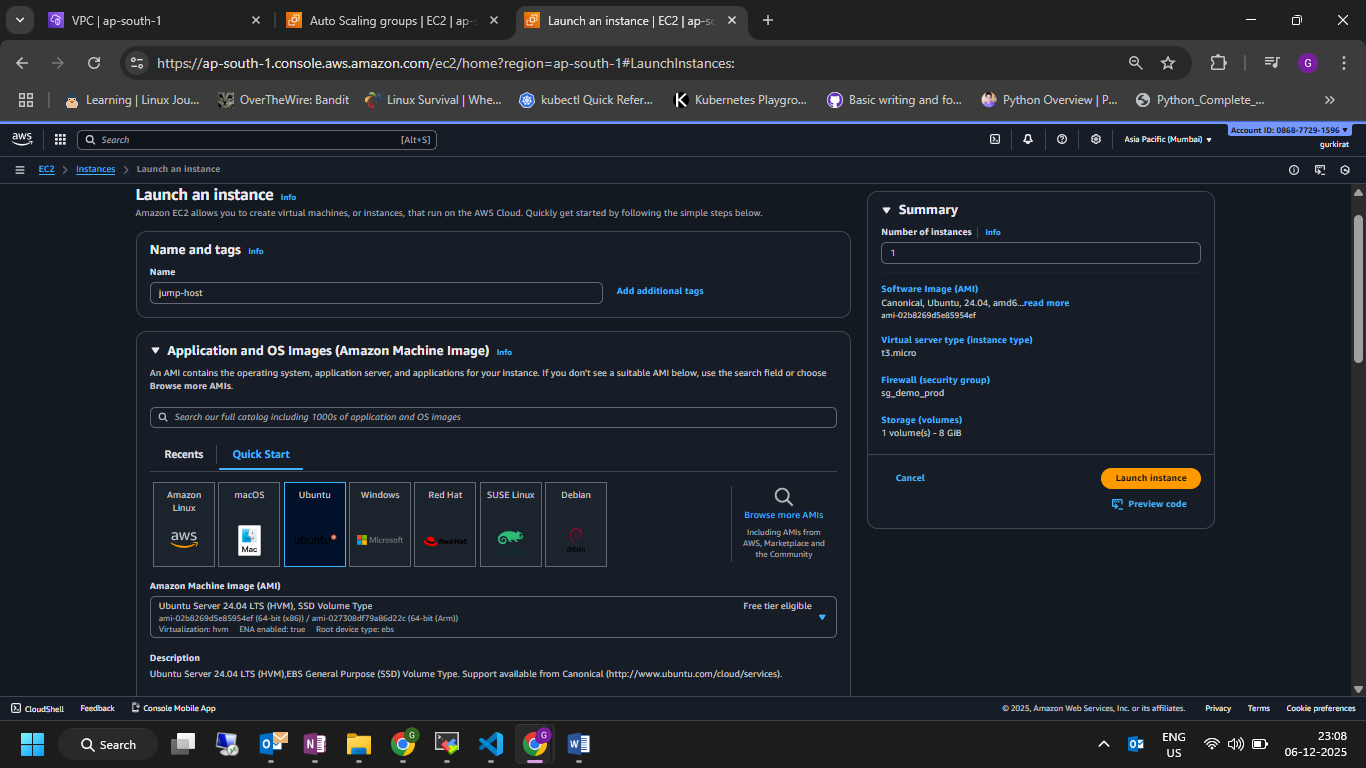


## Skip next two

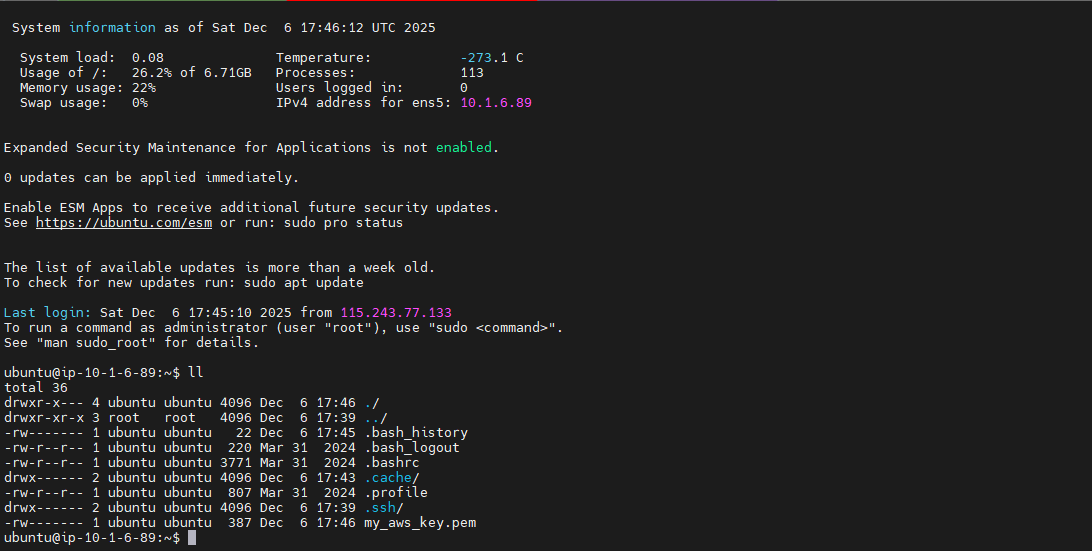




# Step3: create a jump host to connect to private EC2 instances.

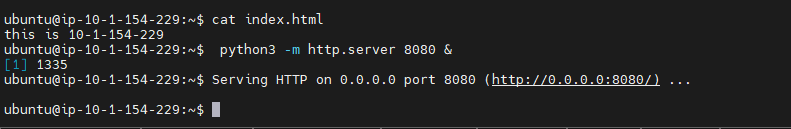
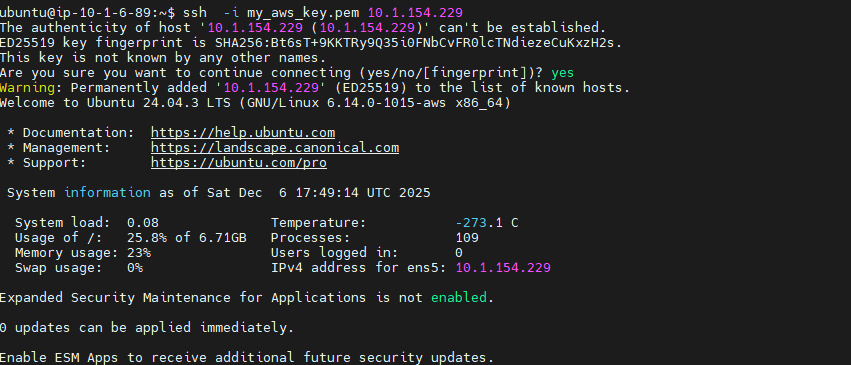


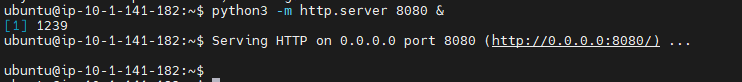
## SCP key to jump host



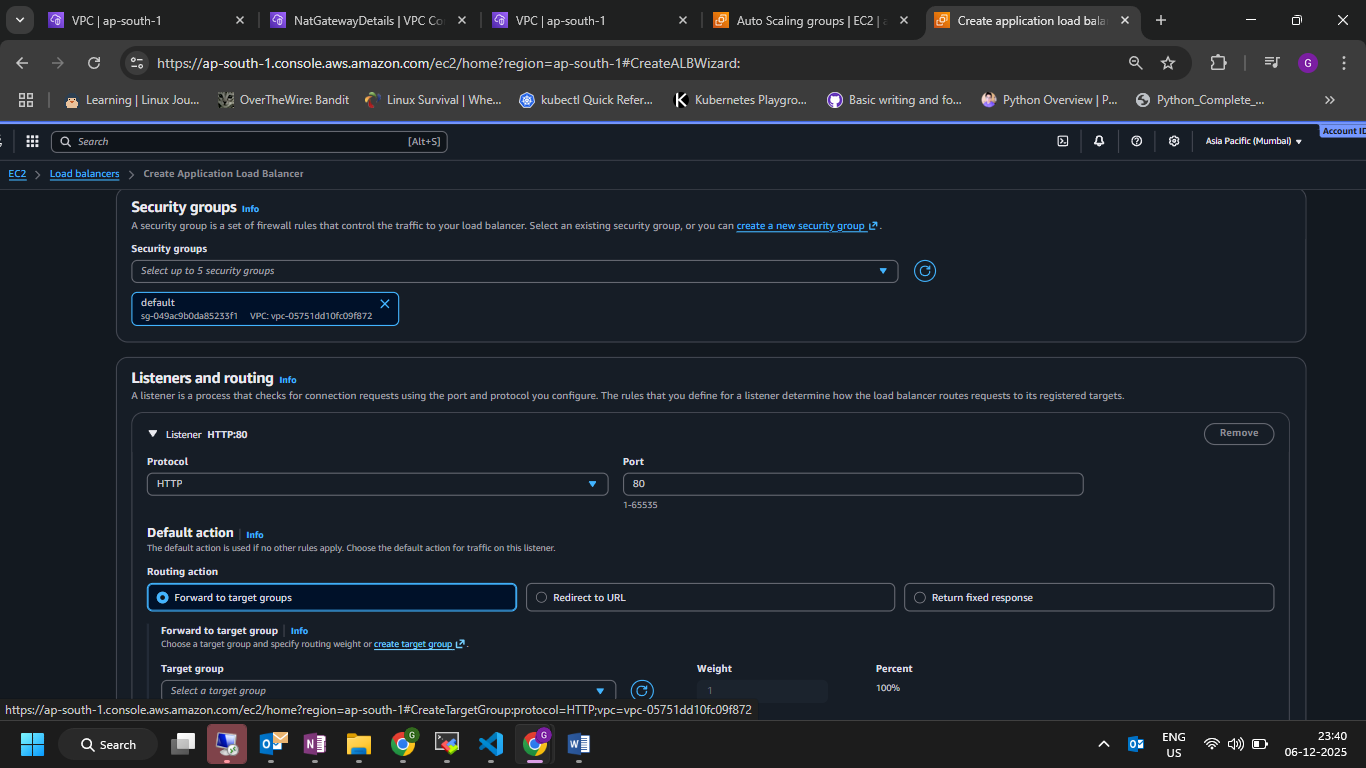
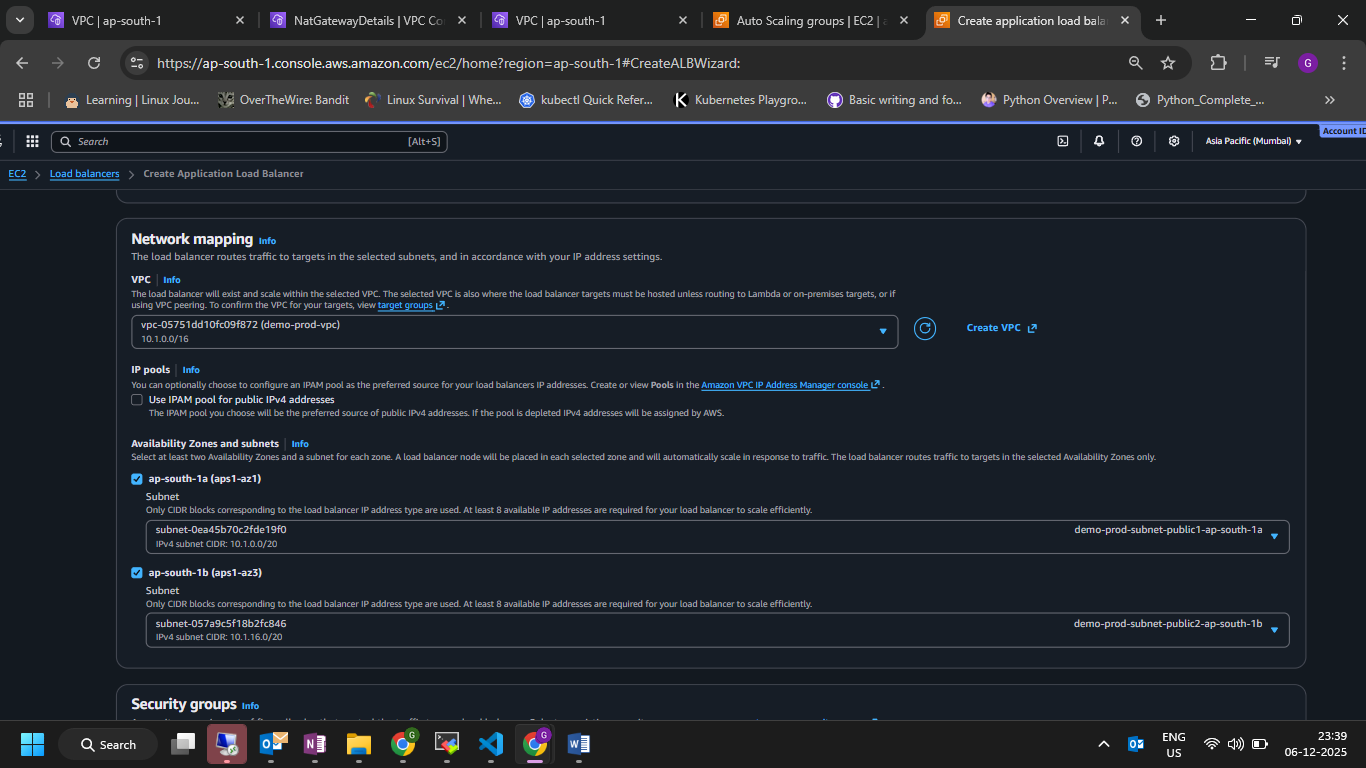
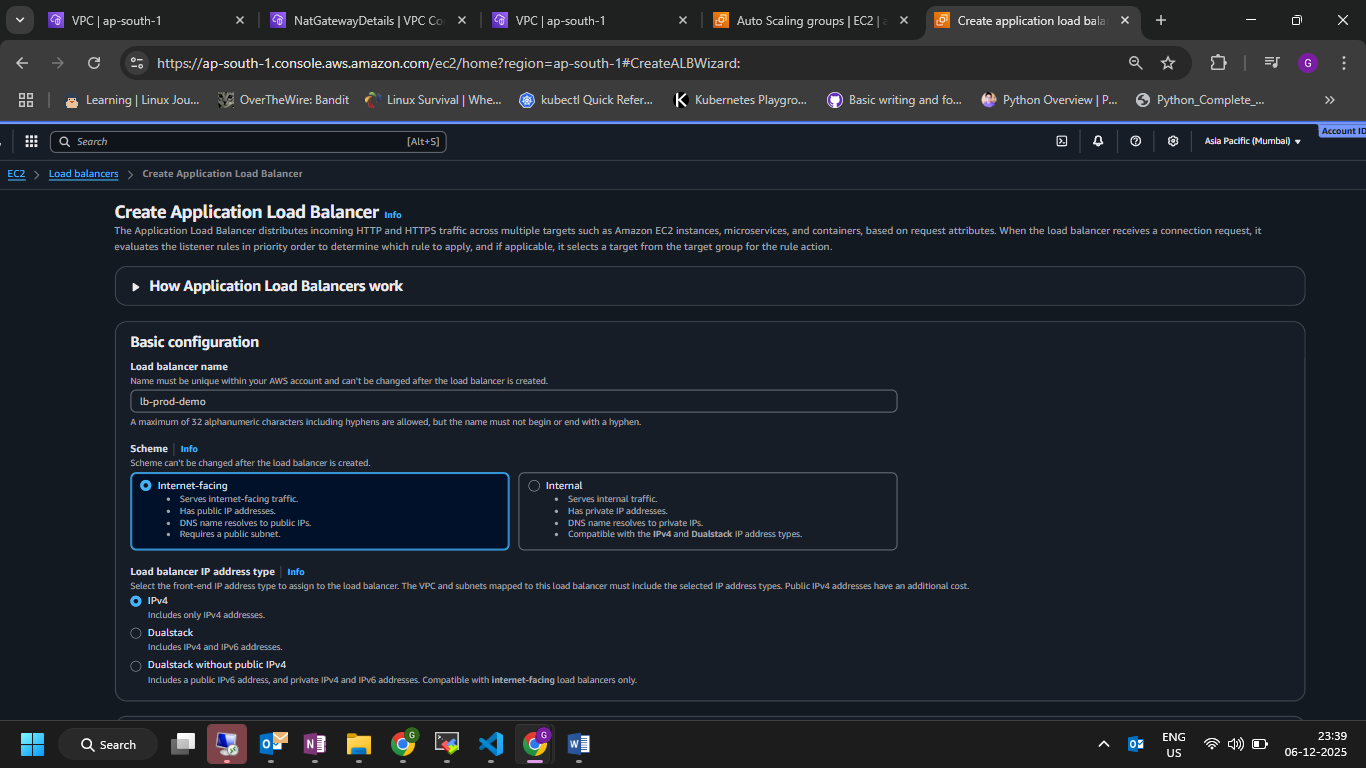
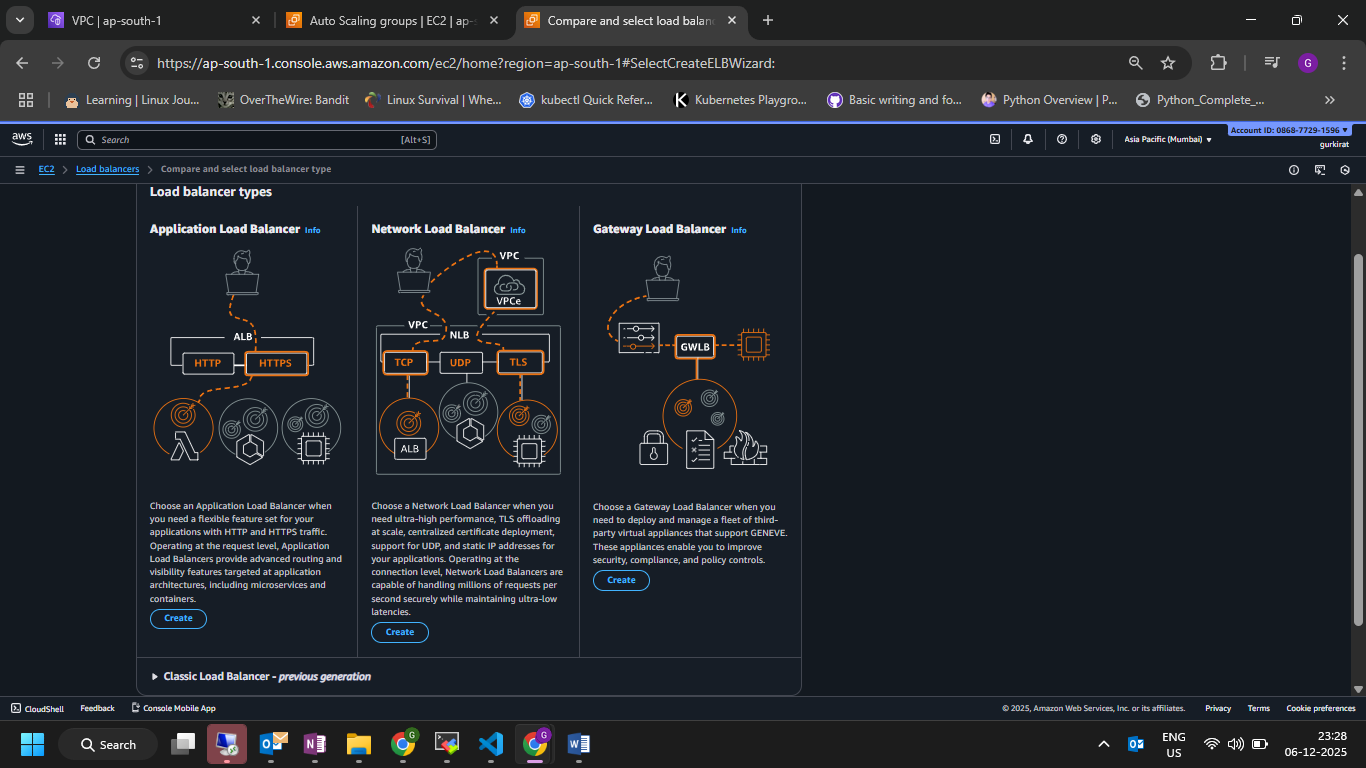
## Connect to private ec2 through jump host:

Create index file and host http server on 8080

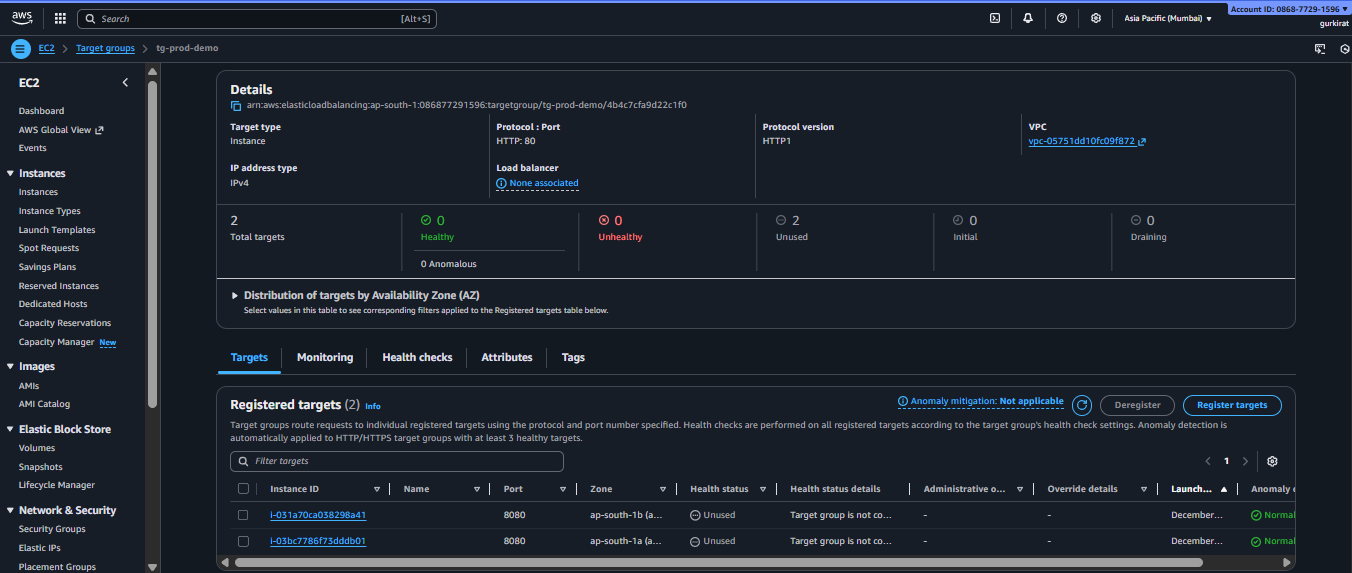
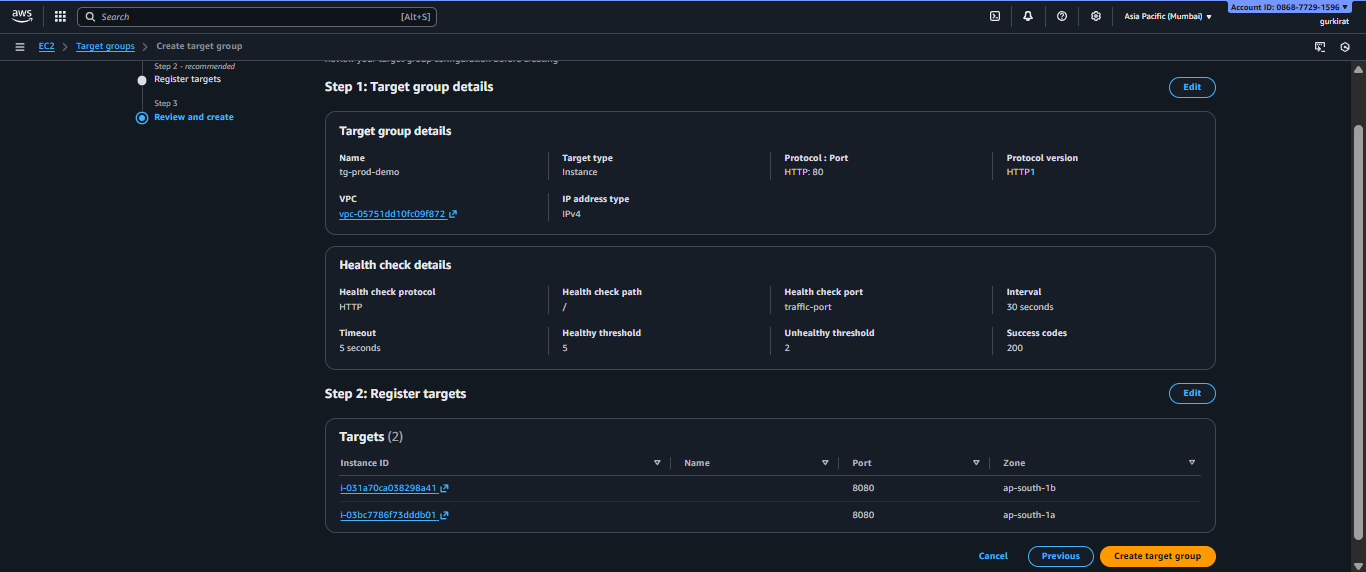
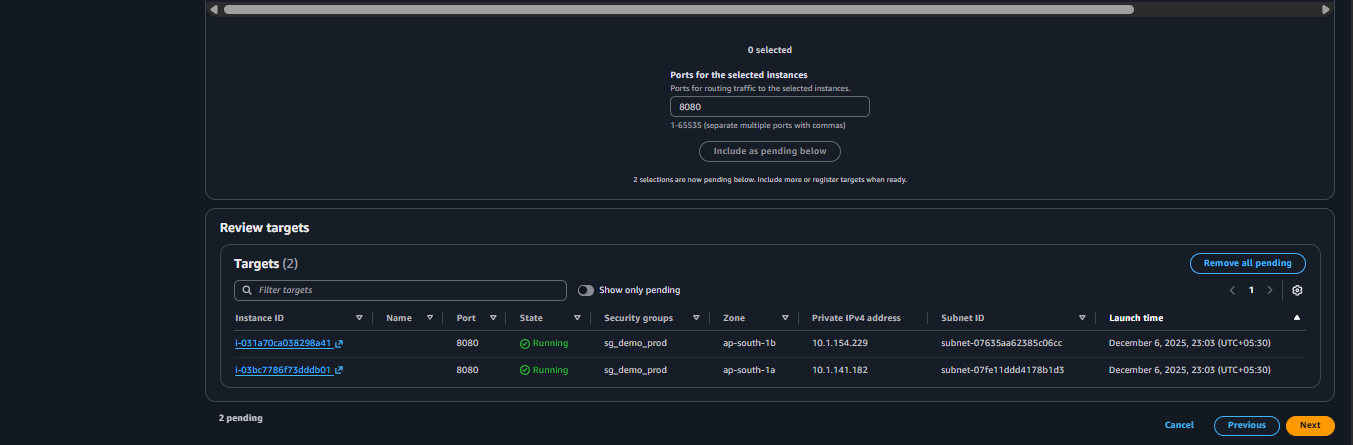
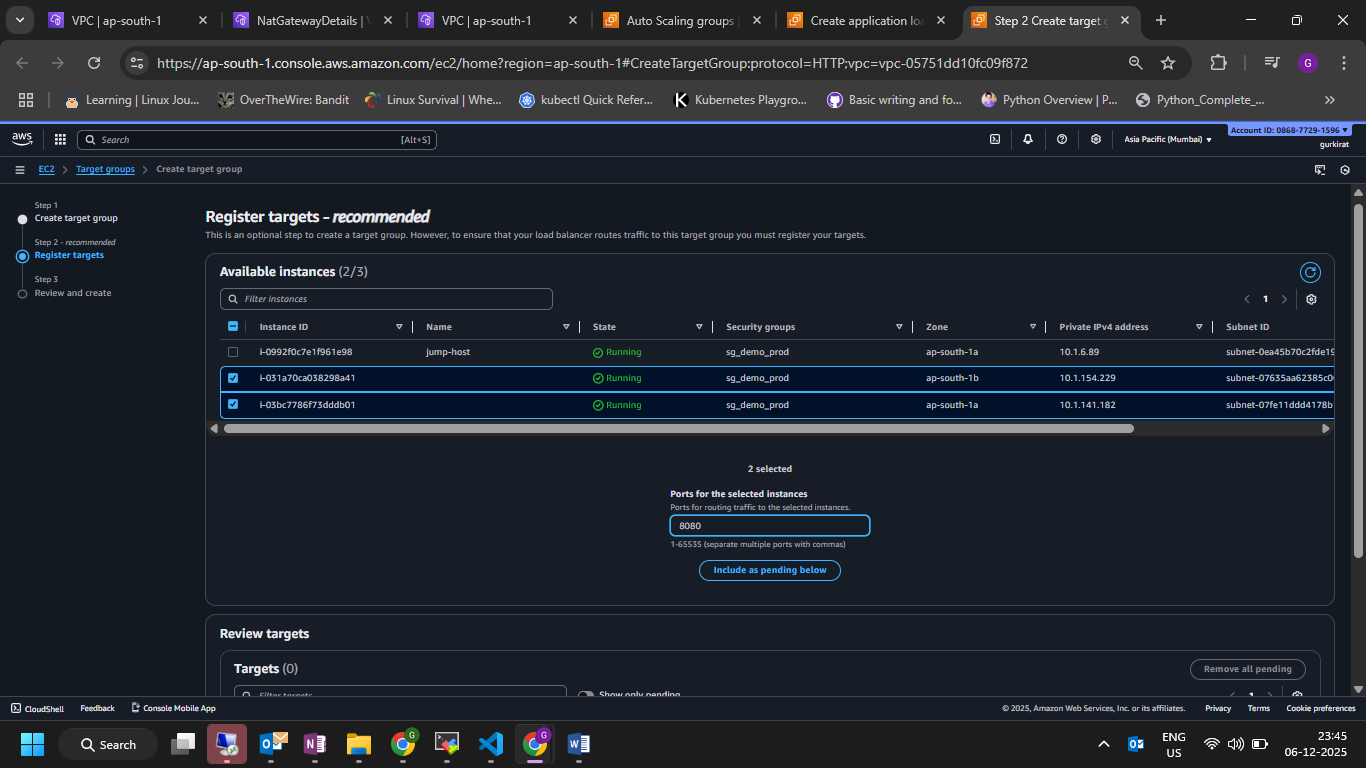
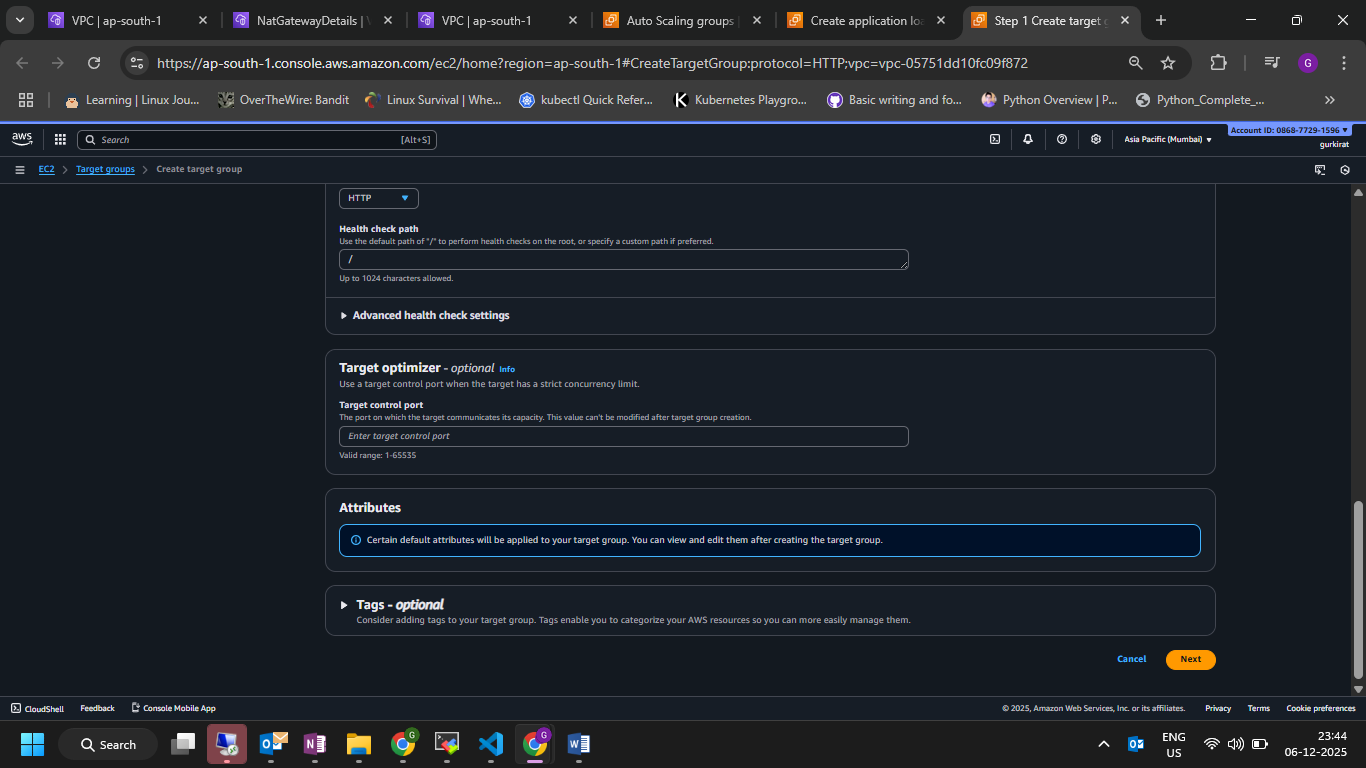
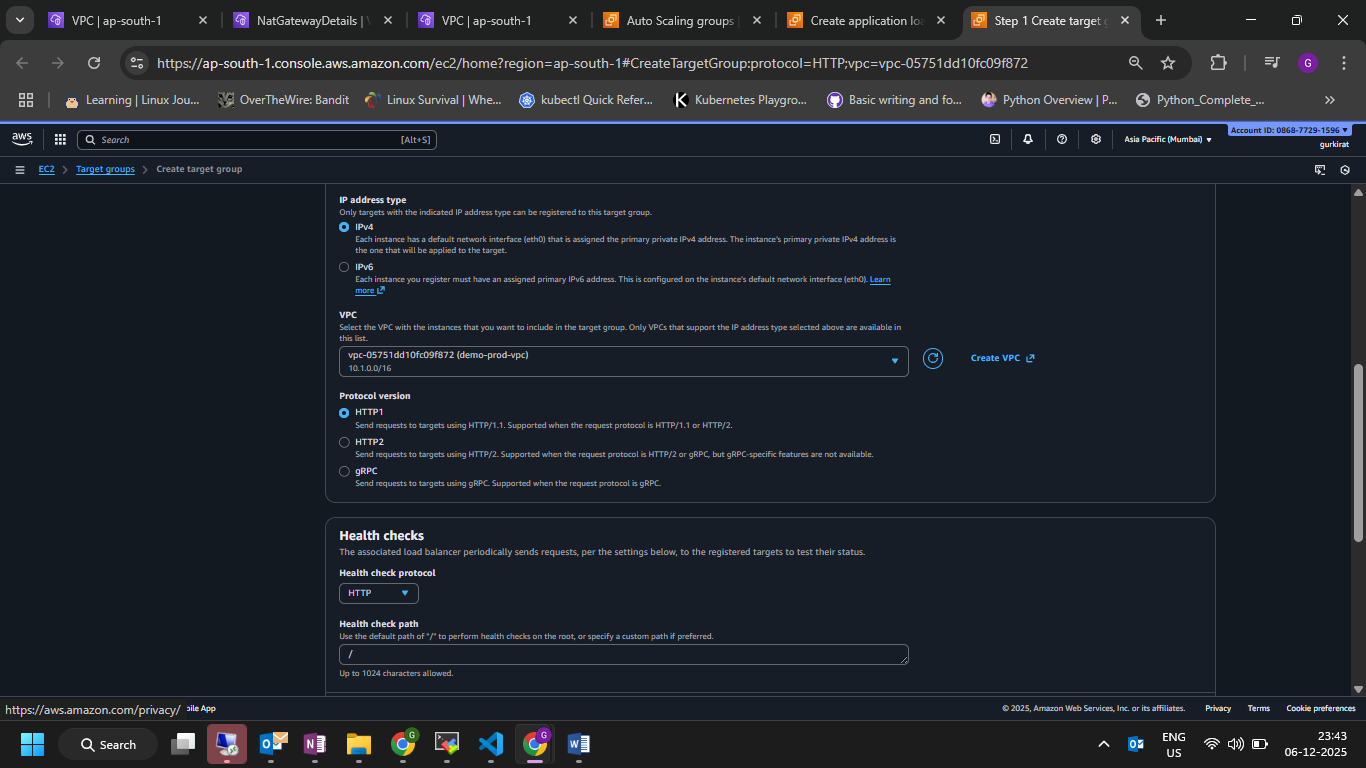
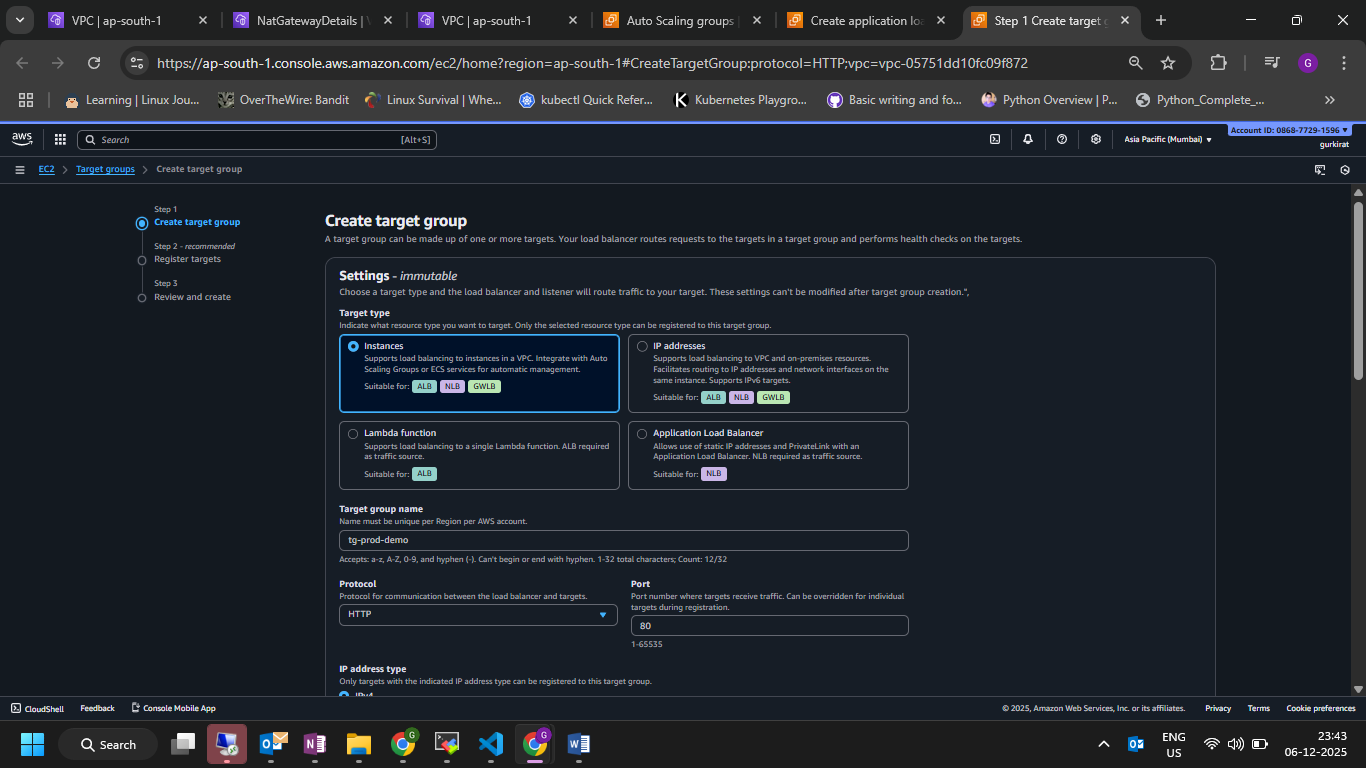




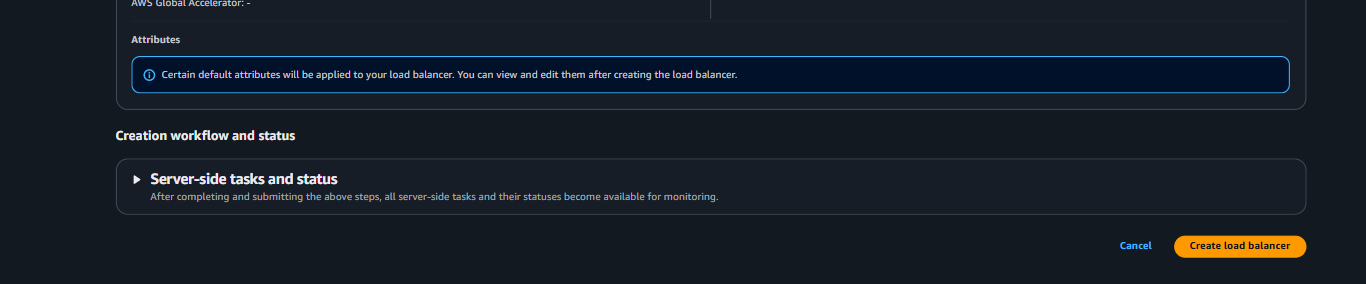
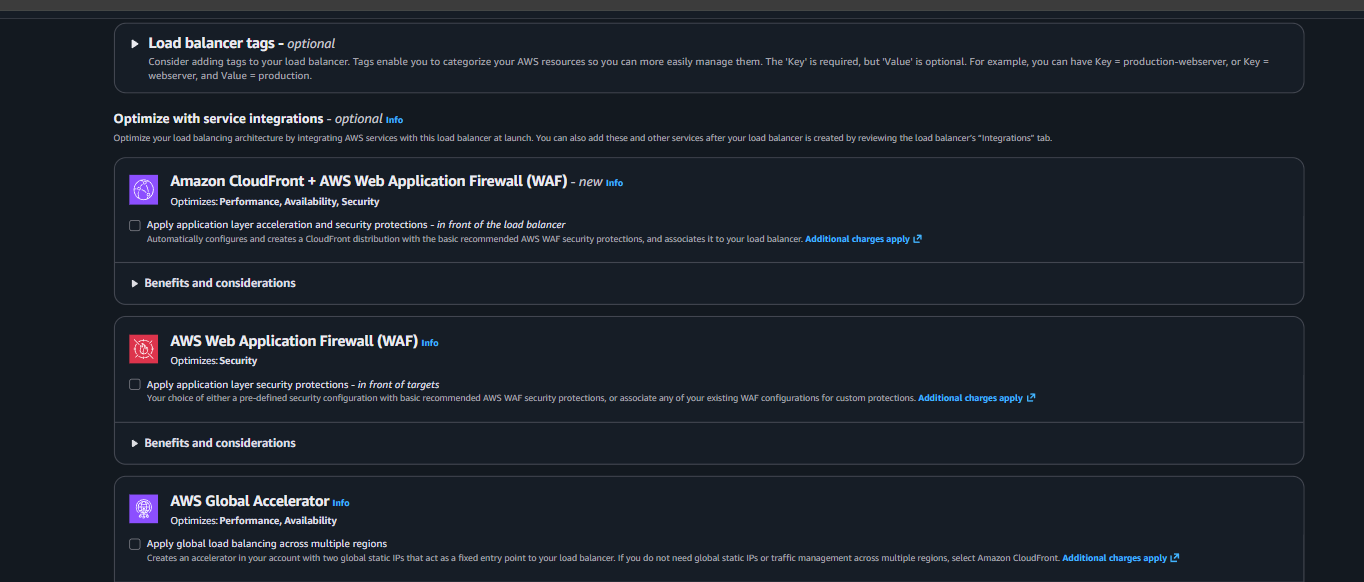
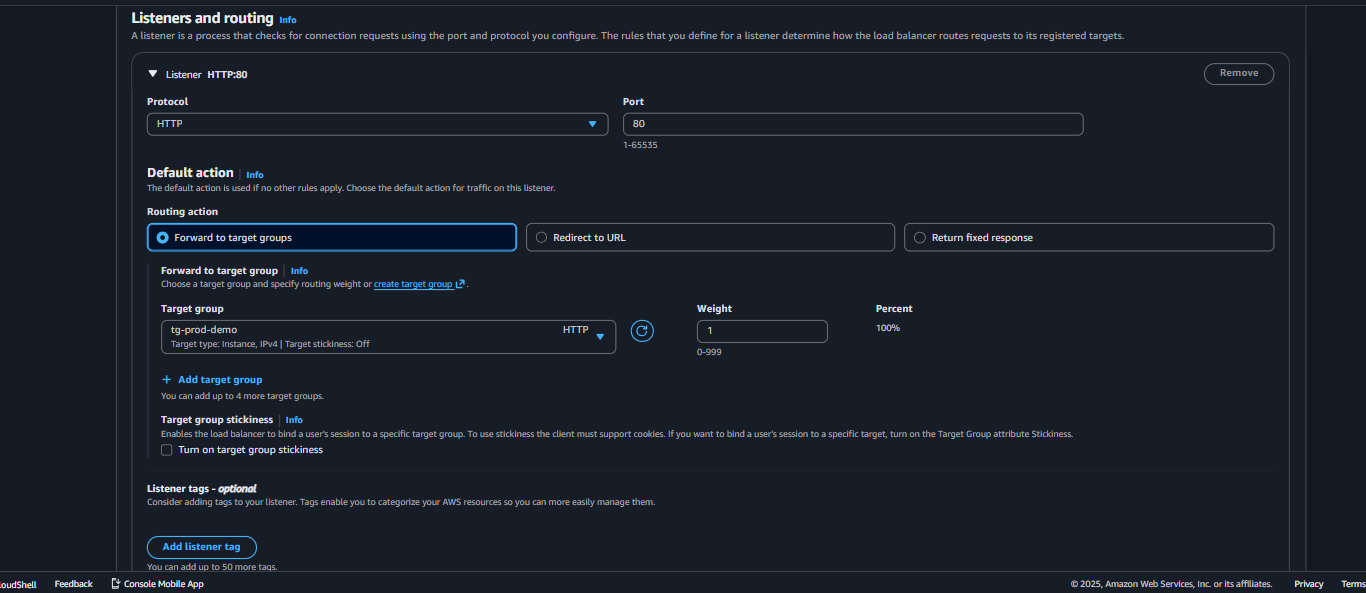
# Step4: create load balancer

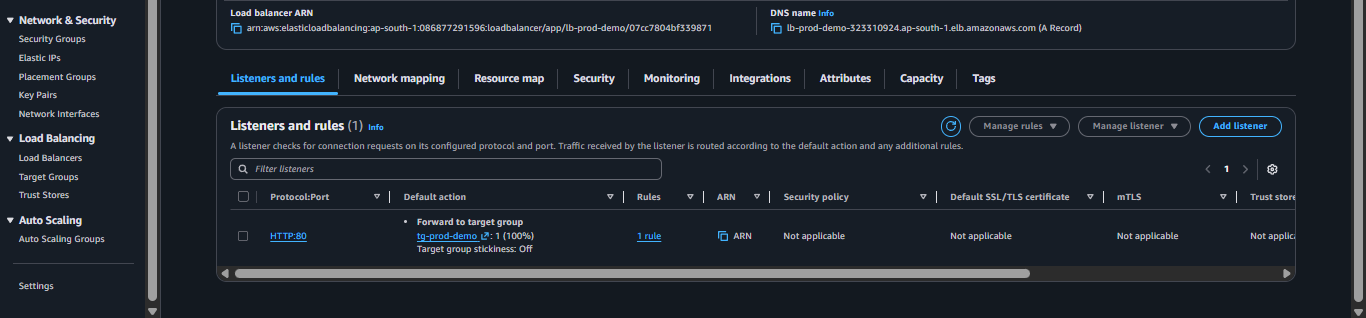
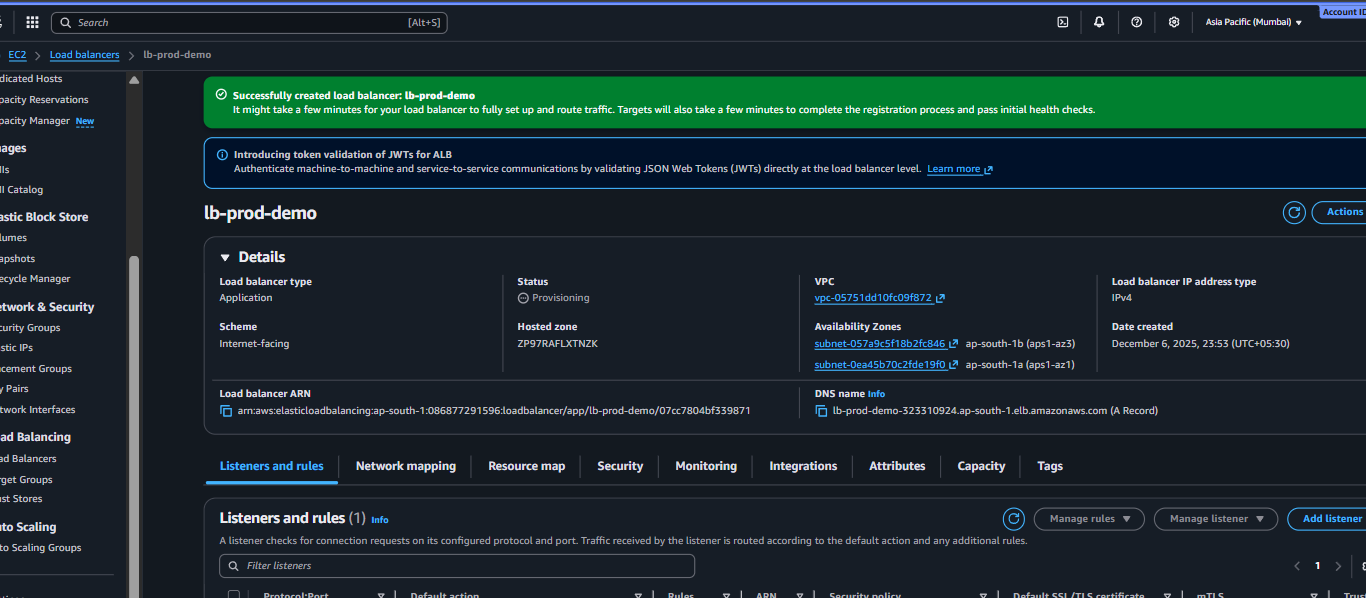


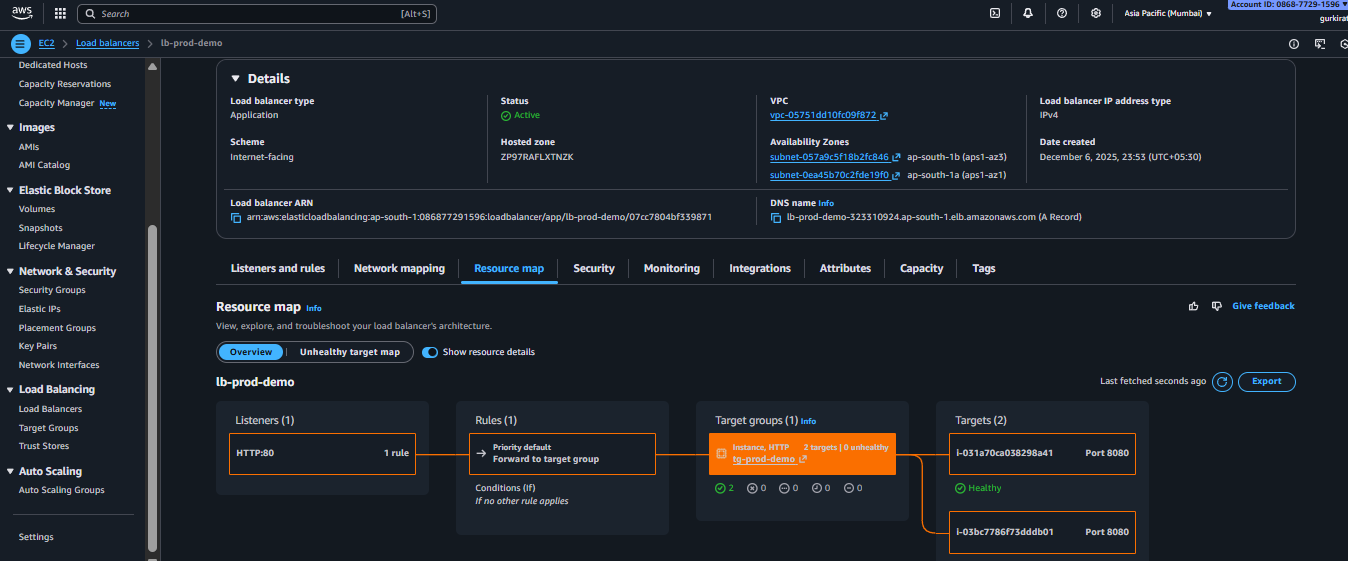
## Step4.1: Create a target group:



## Go back to load balancer configuration:





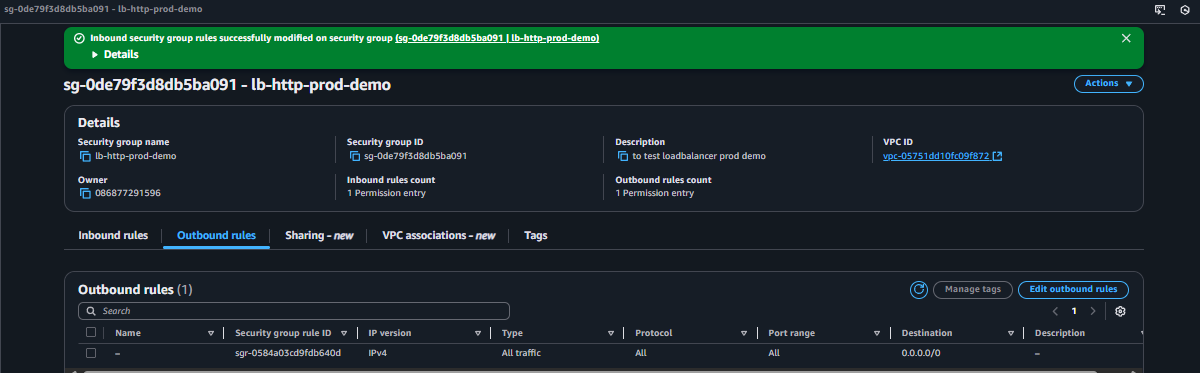
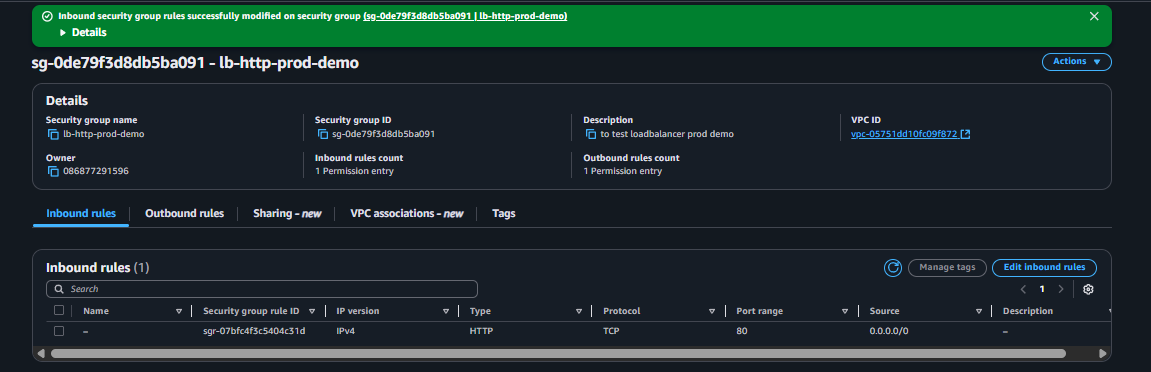


# Correction:

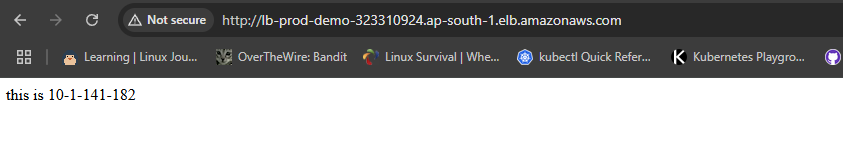
Default security group change to new (because specific source was defined in that):

## Issue:

## Solution:

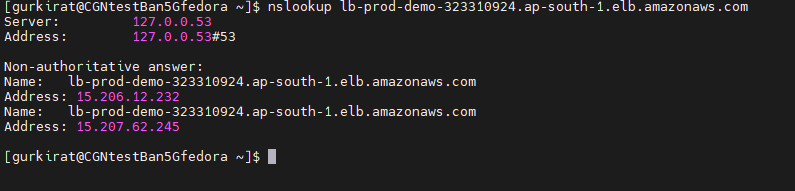
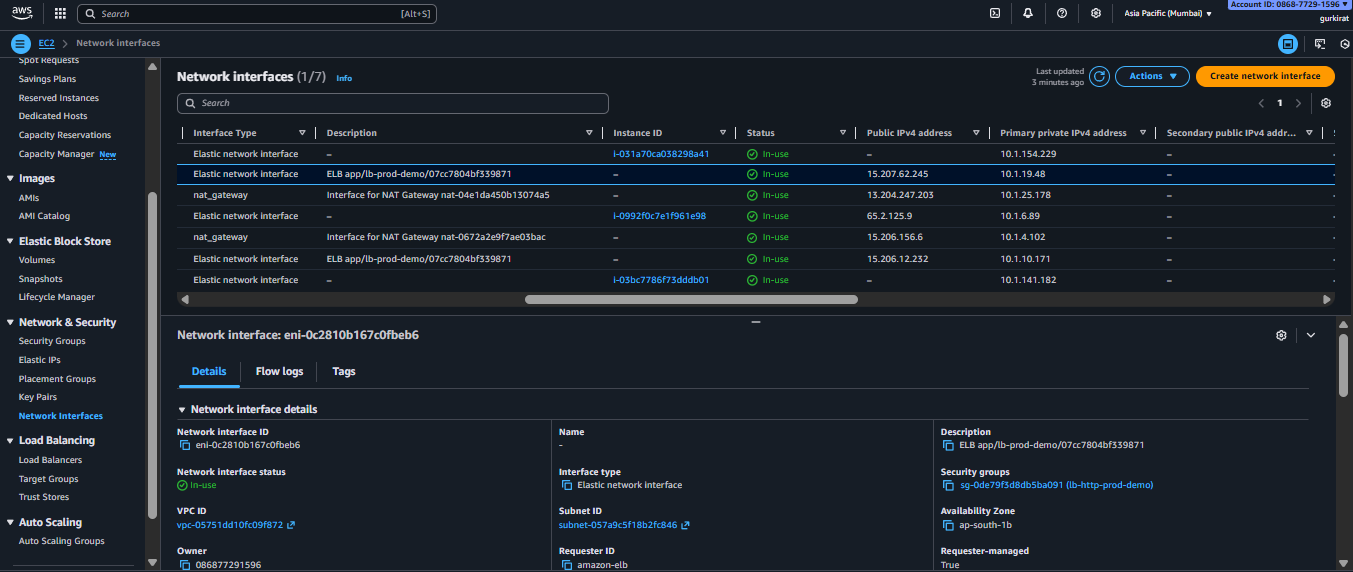


# Result:



# Observations:

* So, at application end we see load balancers private IP and URL we are reaching is load balancers public IP:



* Deleting the Auto Scaling groups auto deleted the EC2 instances
* Deleting NAT gateway autodeletes the Network interface attached to it.
* Deleting load balancer autodeletes the Network interface attached to it. (Need to reverify)