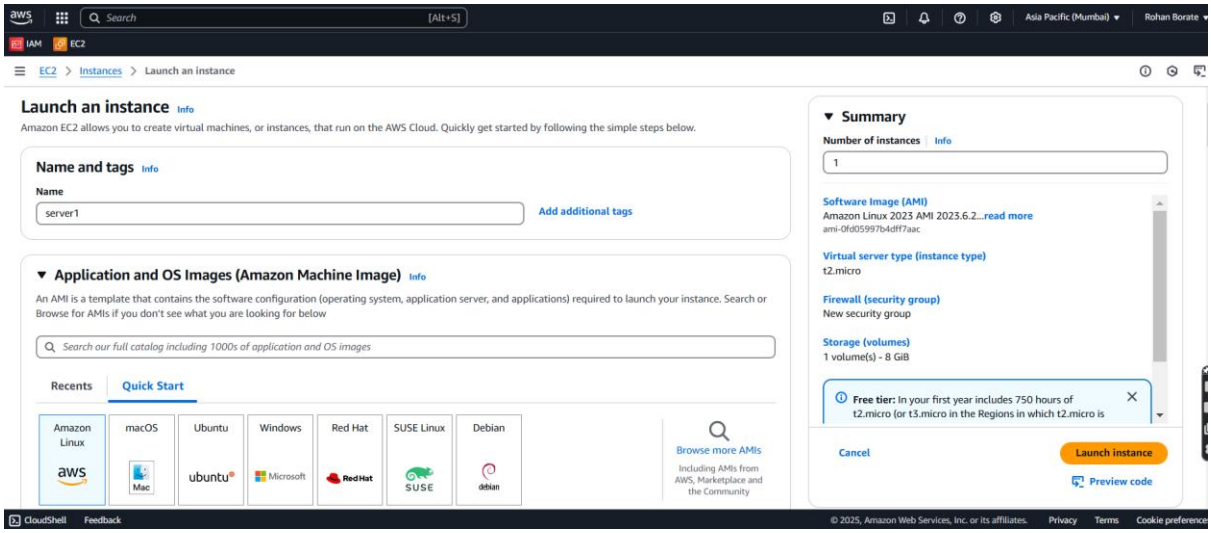
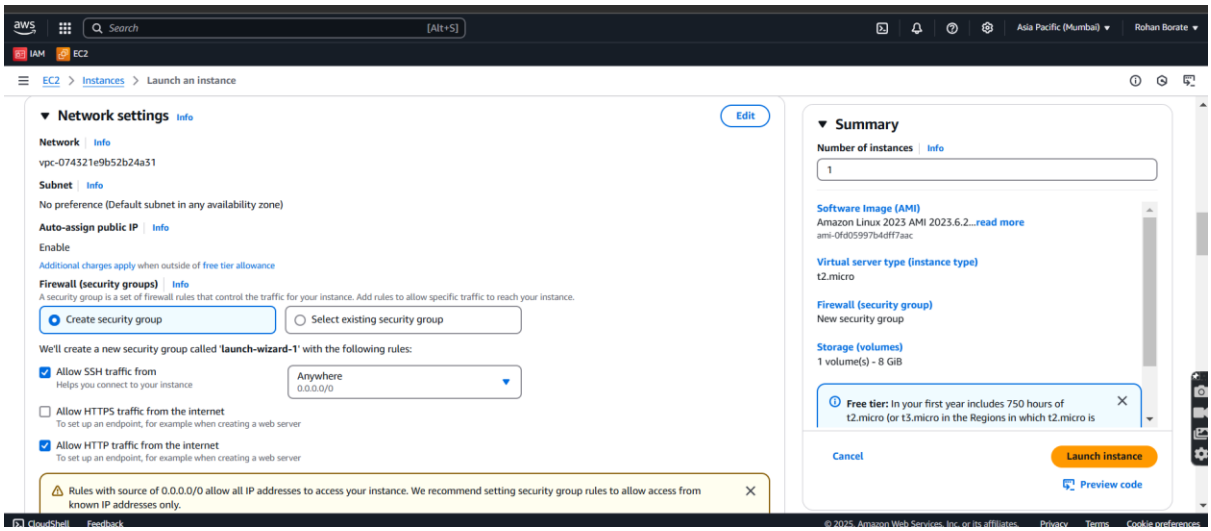
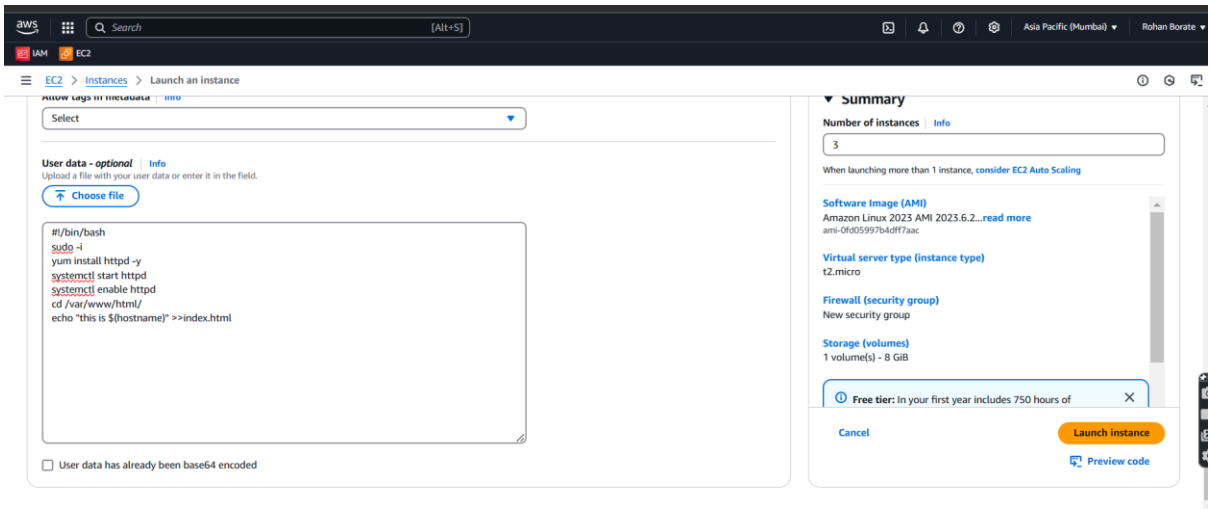
Application Load Balancer →

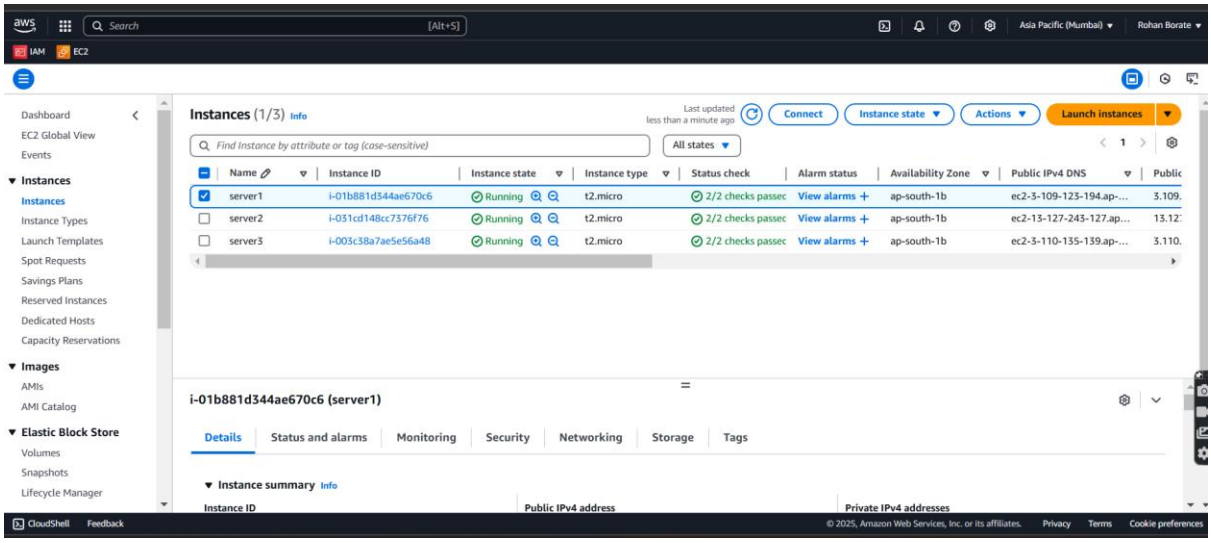
Create a 2 or 3 EC2 Instance and installed httpd (apache2) server on it



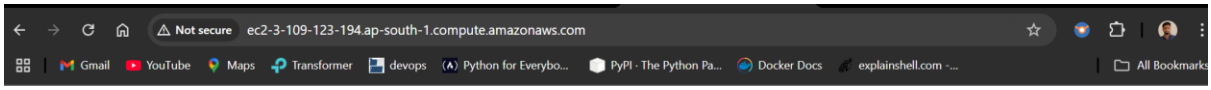


Here I have written the bash script to launch apache2 server



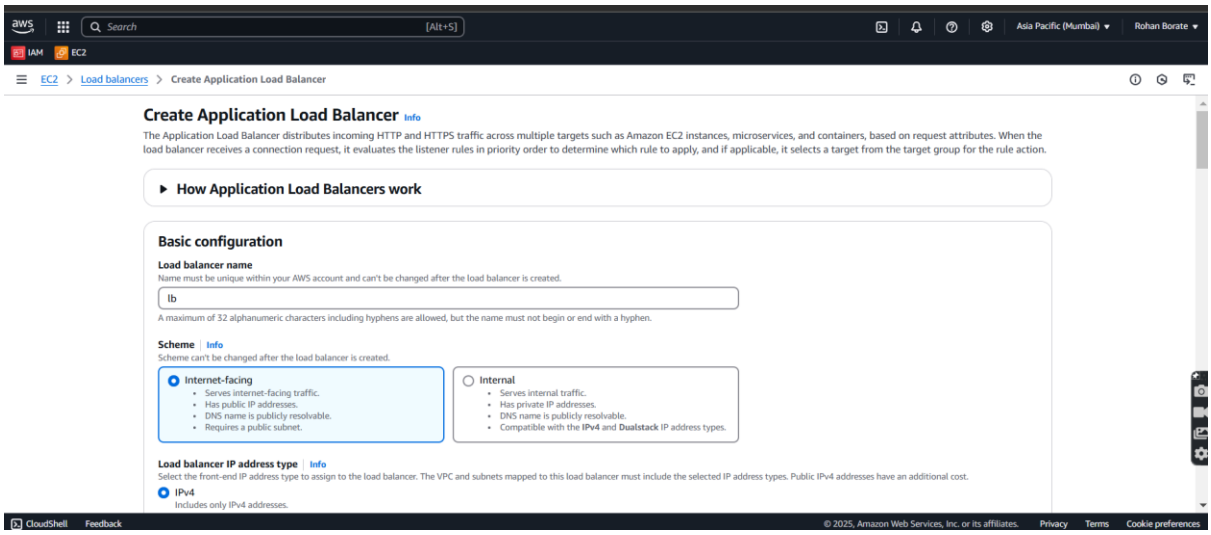


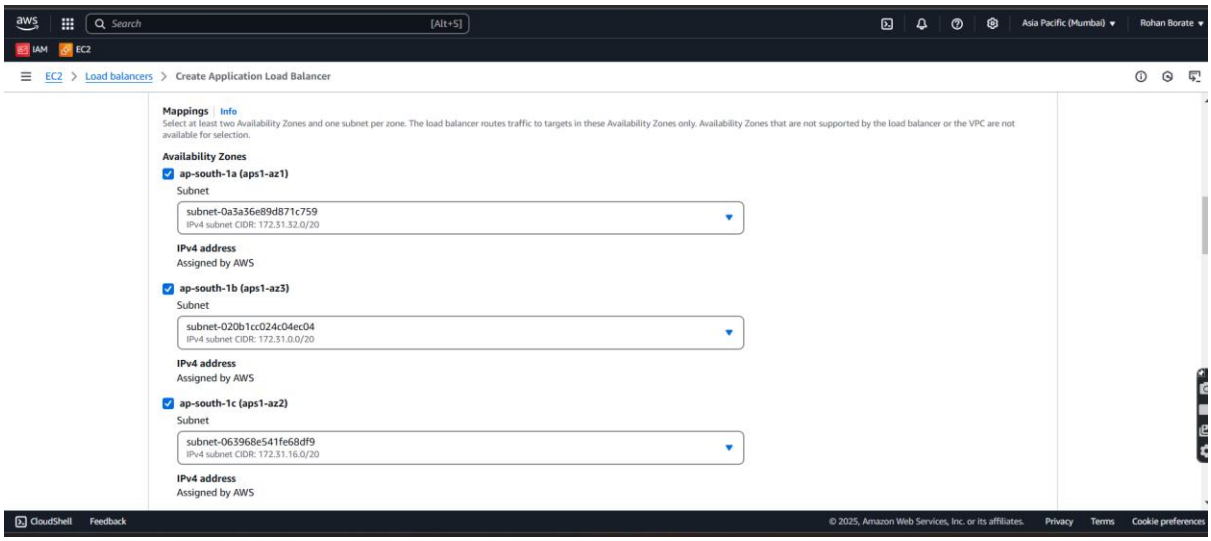
Check that httpd server is running on each instance

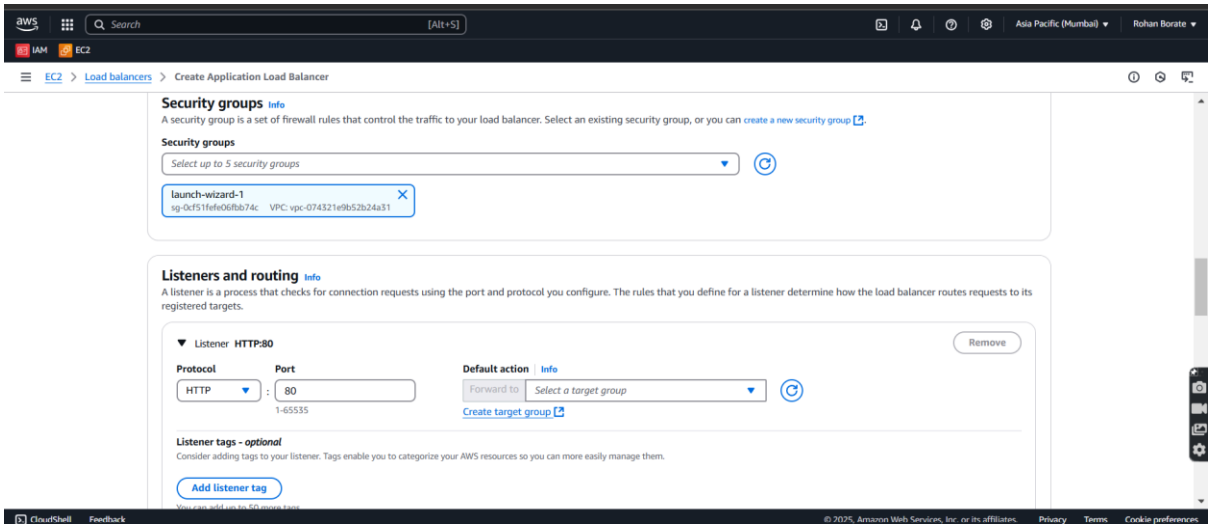


this is ip-172-31-13-209.ap-south-1.compute.internal

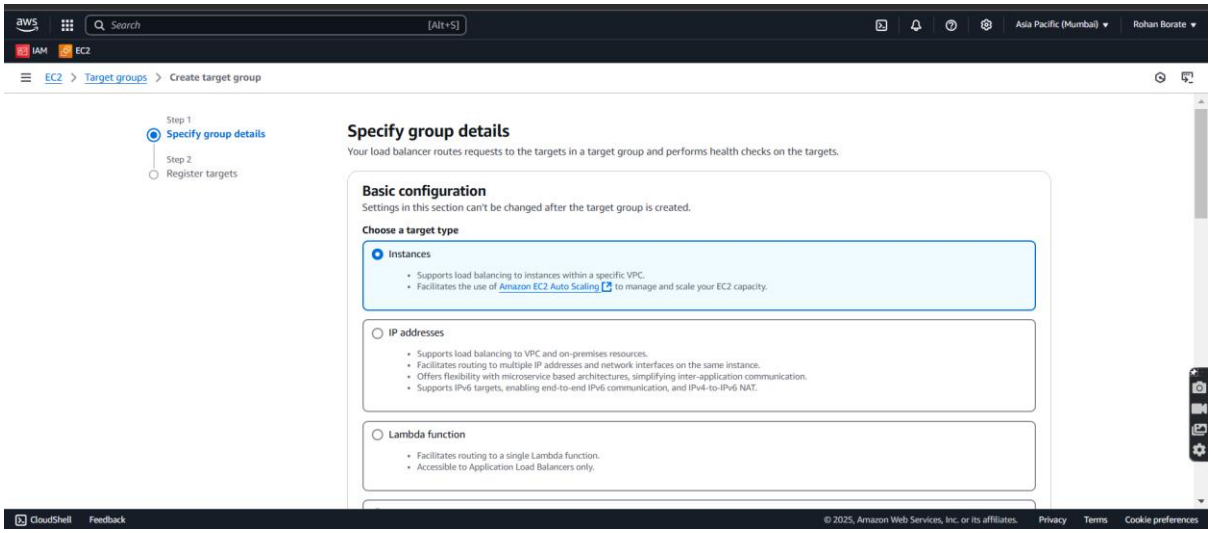
Create load balancer

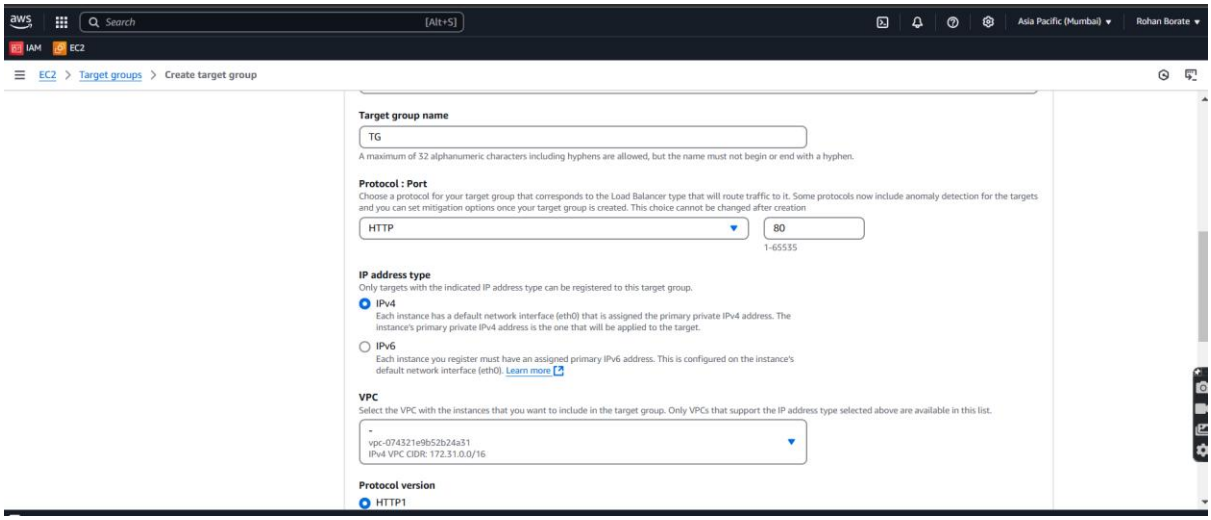


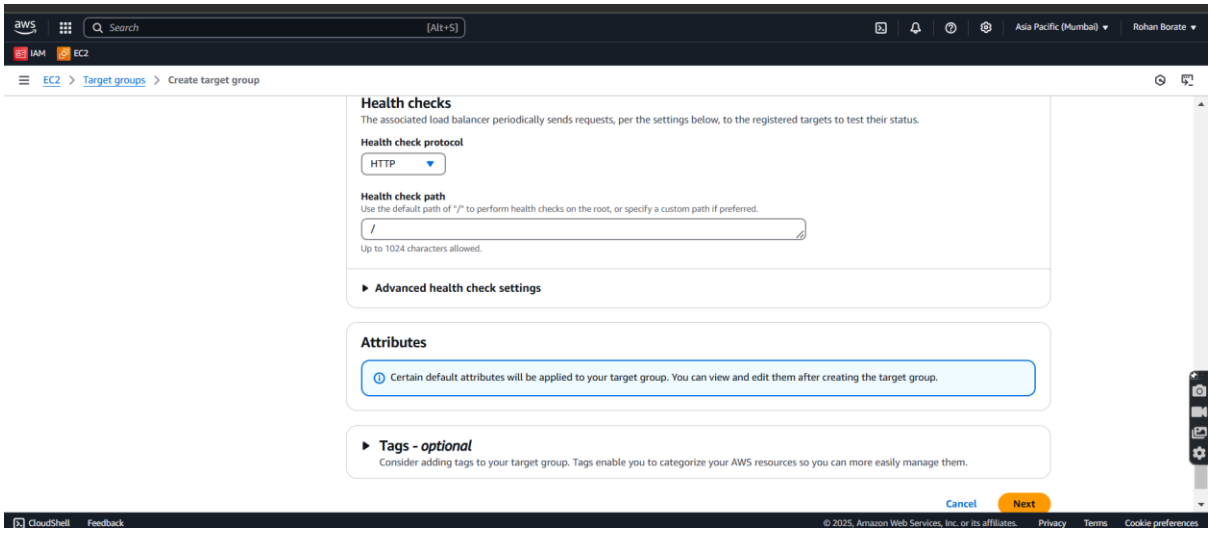




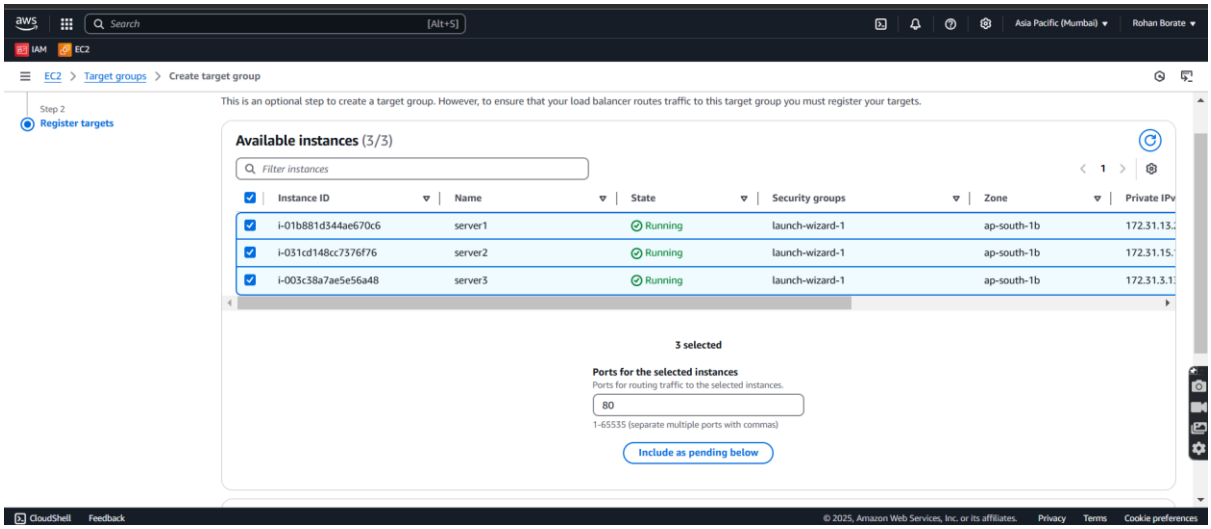
Now we also need to create the target group



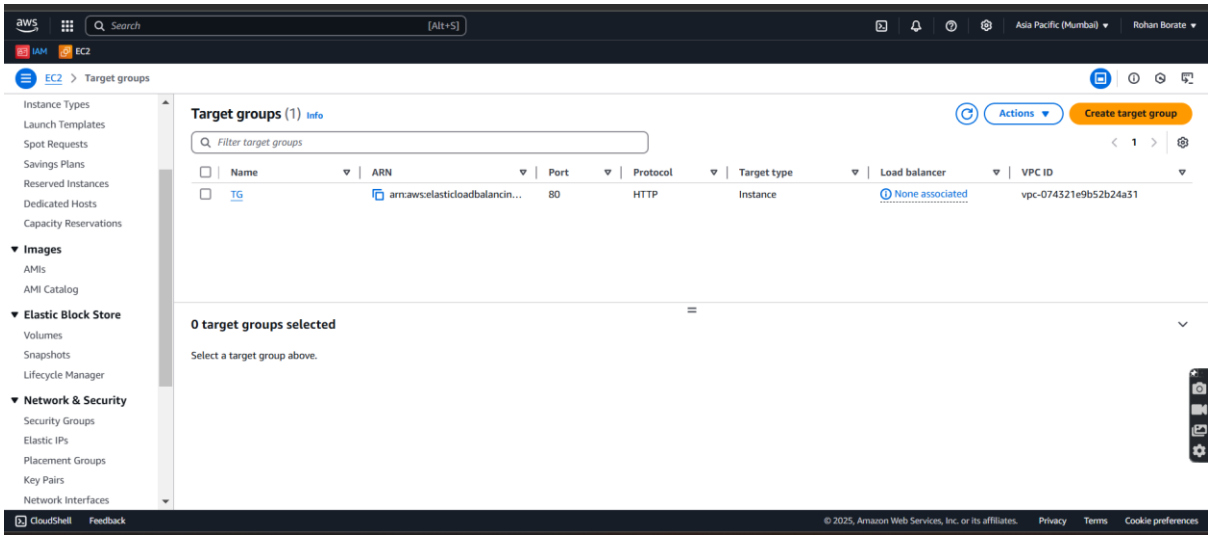




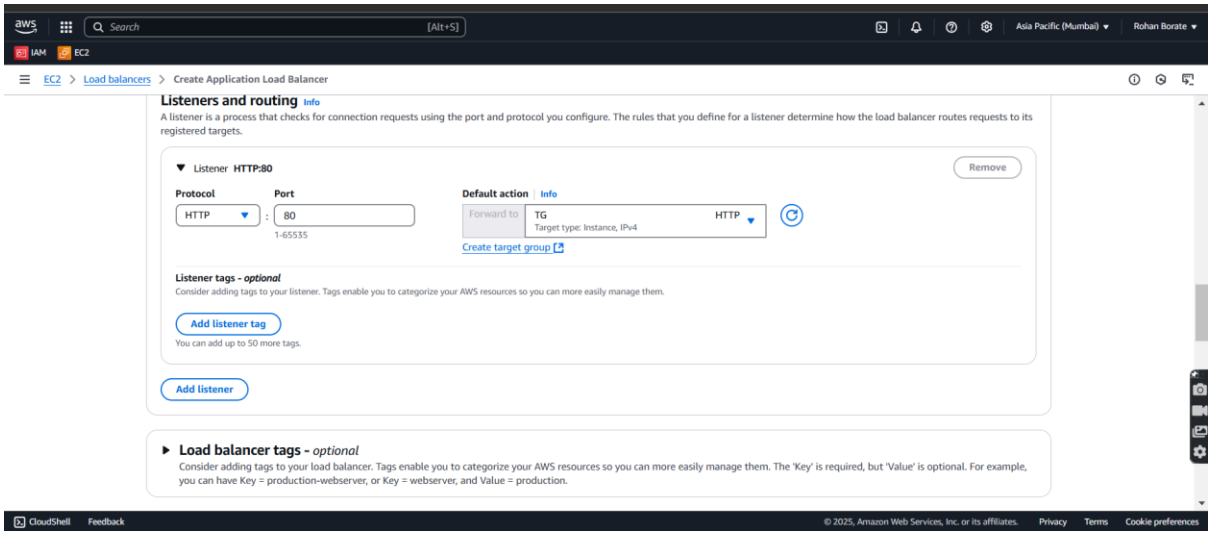
Then select all the instance in target group

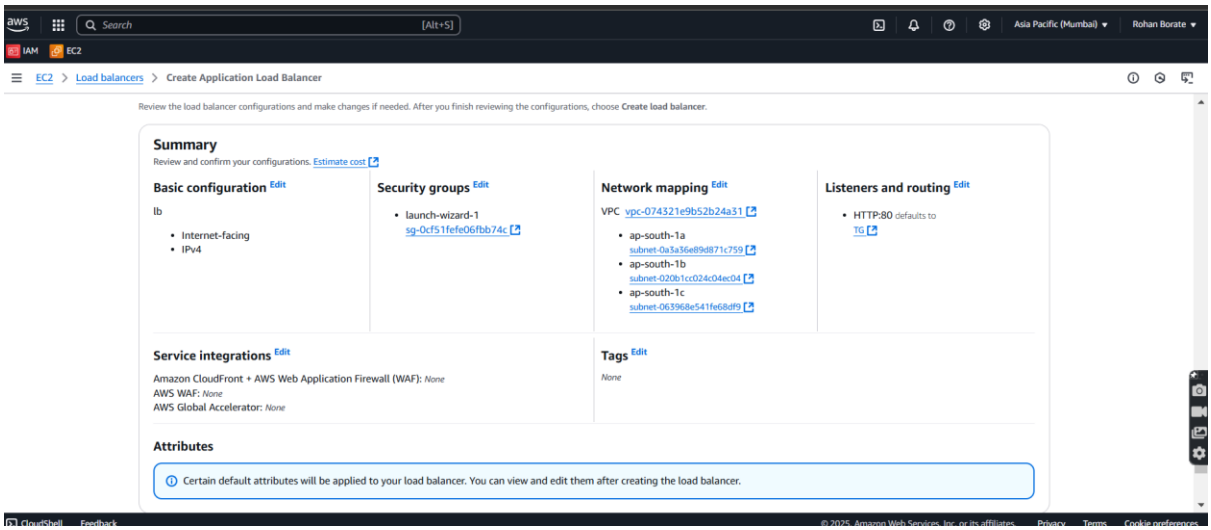


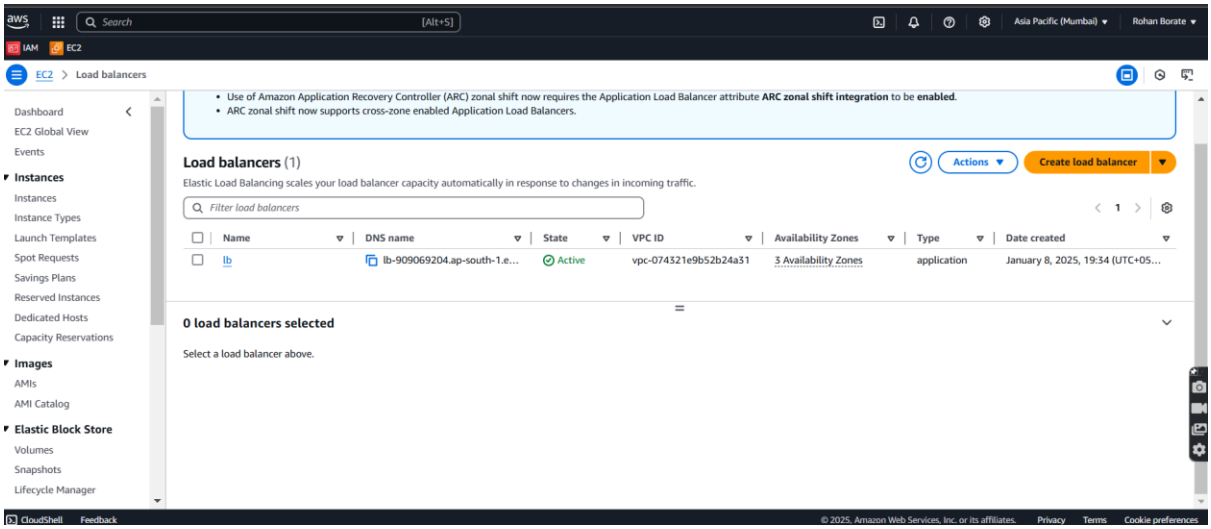
We have successfully created the target group



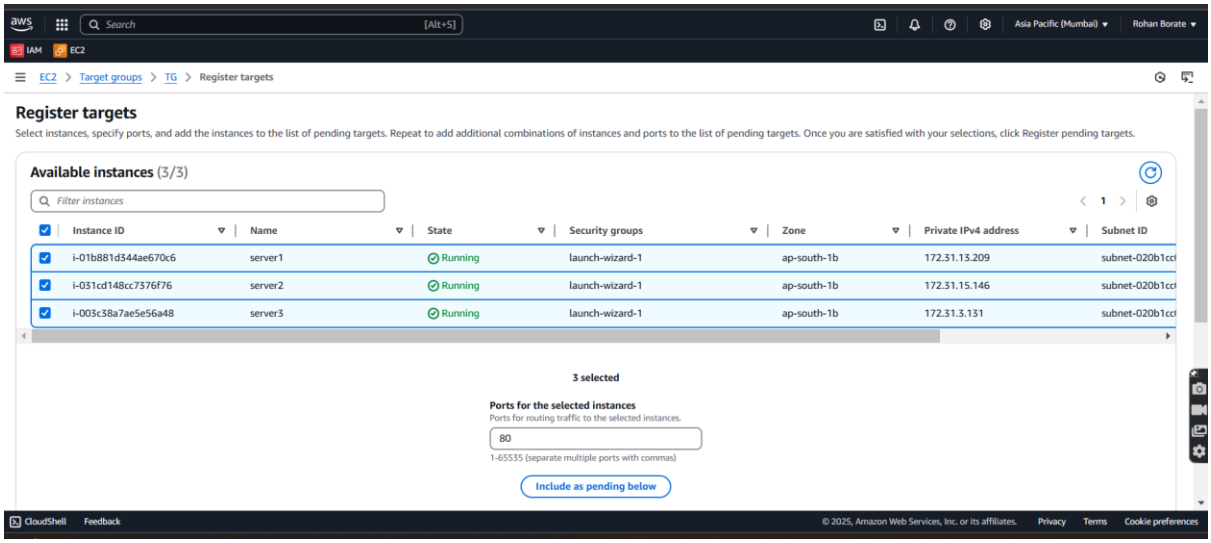
Now go back to the load balance creation , select the created target group







You have to register all instance in the target group (note – if we don't register we get error 503 as server not available)



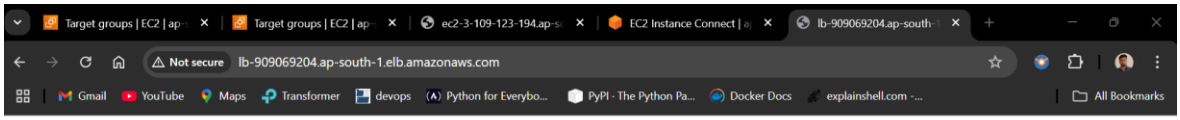
Now copy the DNS name of the load balancer, and paste to browser

Check it is accessible

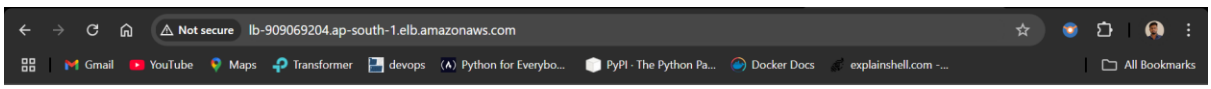
Refresh the page and check IP of the server is changing as we have created load balancing

With 3 instances so we are getting this instances IP's

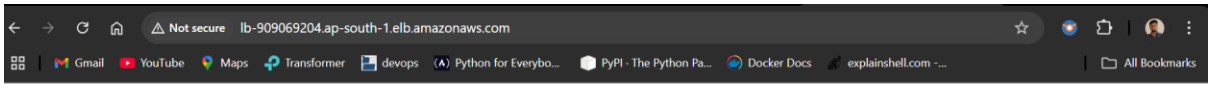
In this way traffic is diverted to all instances , according to the load balancer technique



this is ip-172-31-15-146.ap-south-1.compute.internal



this is ip-172-31-3-131.ap-south-1.compute.internal



his is ip-172-31-13-209.ap-south-1.compute.internal

Clean up process --

Delete load balancer

De-register the instance in Target group

Delete target group

Delete instances