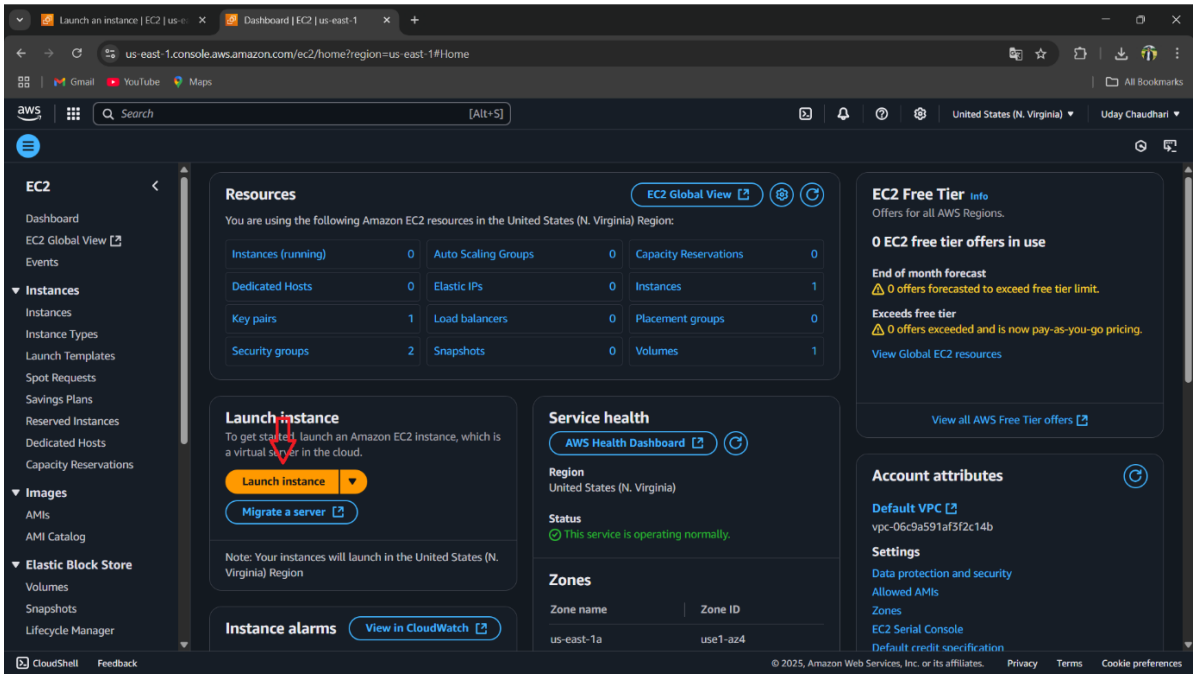
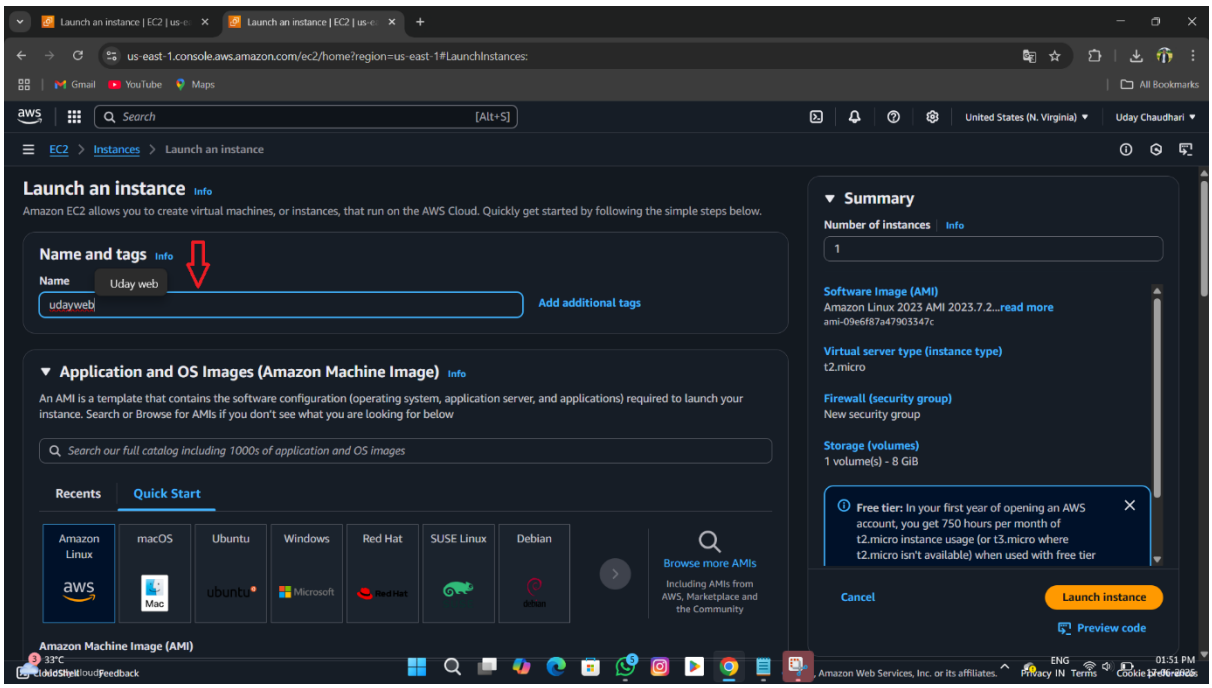
AWS Loadbalancer Handling Project

Step - 1 Creating Instance

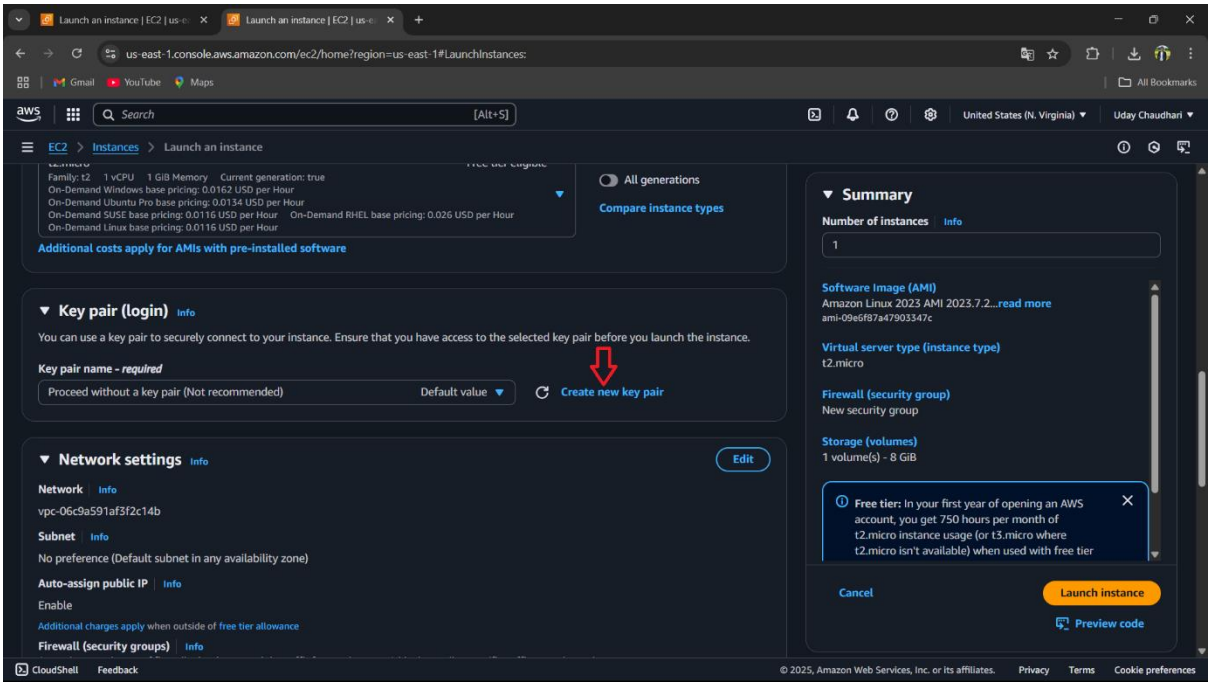
- Open AWS Control Panel
- Select Launch instance



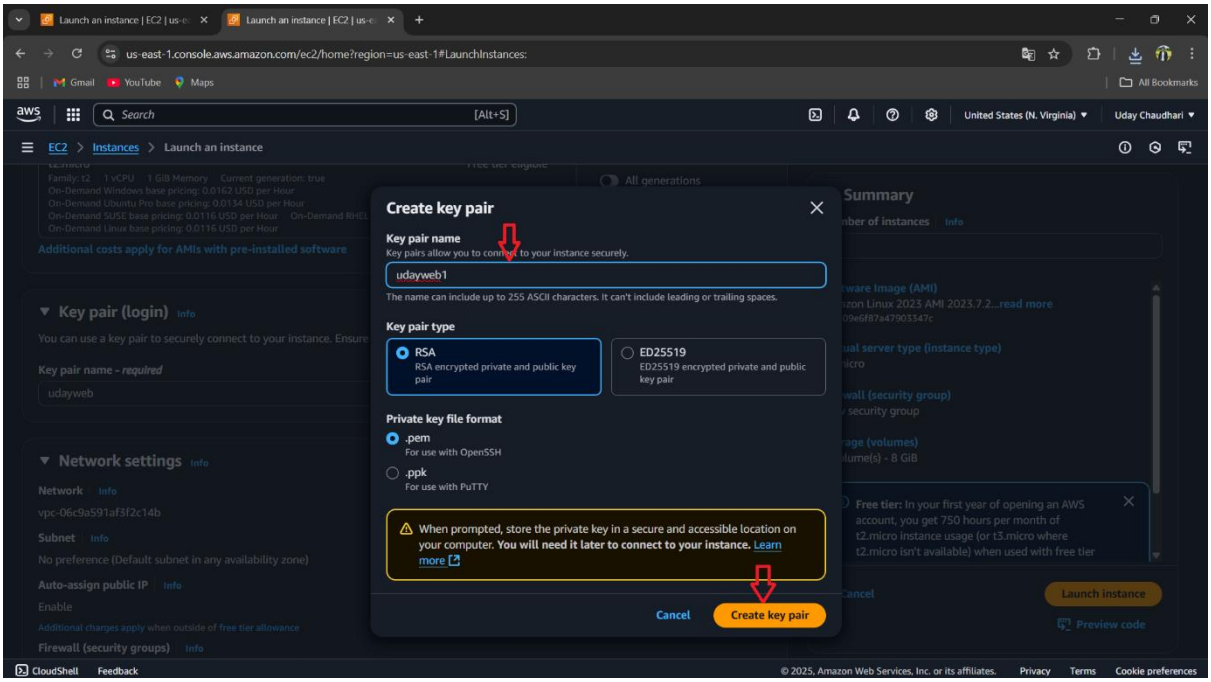
- Enter Instance Name



- Select Option Create New Key Pair

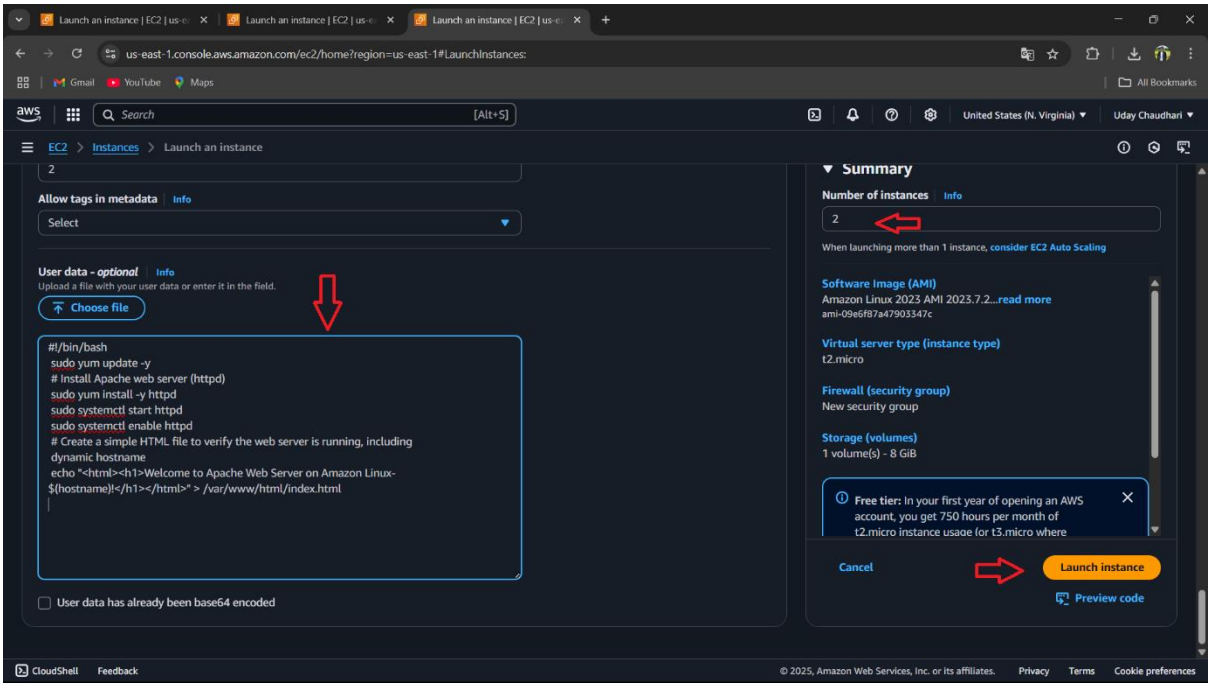


- Enter Key Pair Name
- Select Create Key Pair

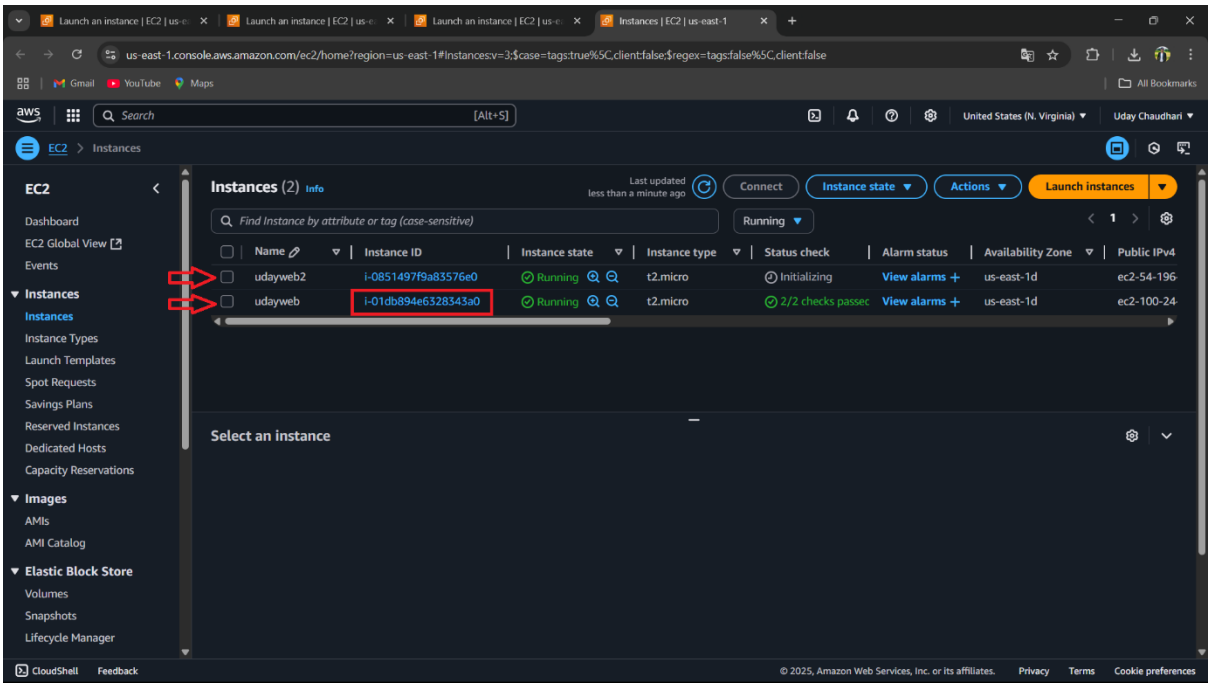


- Enter The WebSite Code In Blank box OR Select Choose File

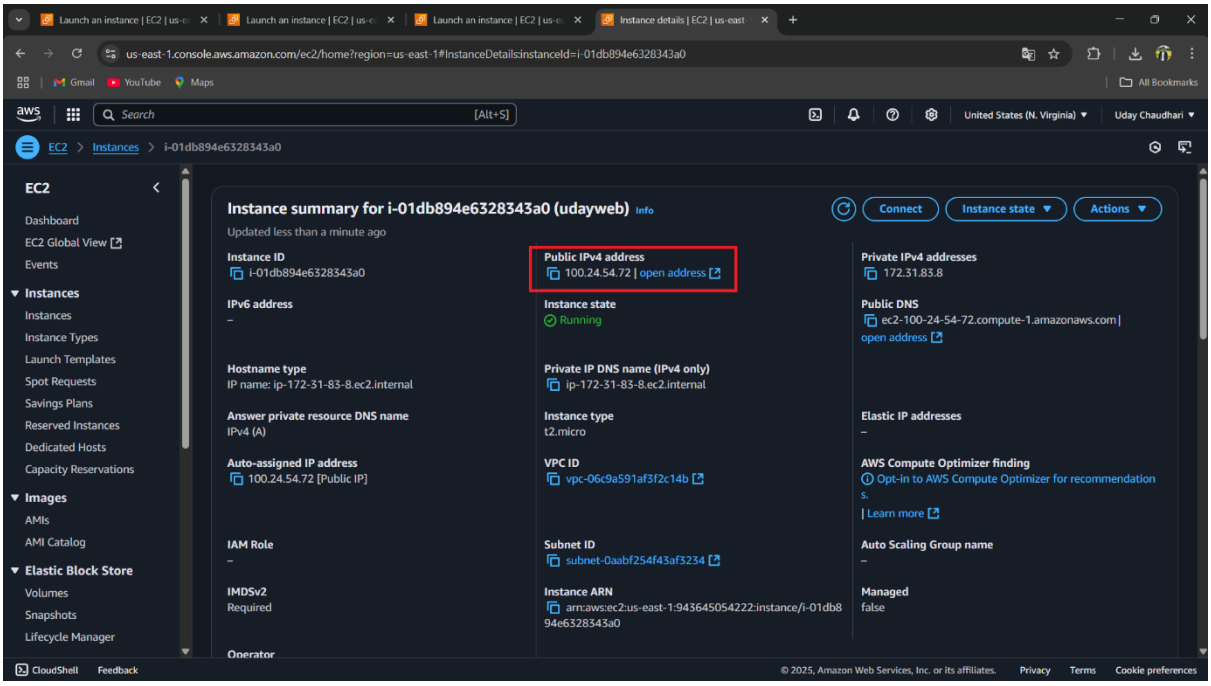
- Select Number Of Instance 2 For Create 2 Instances At a Time
- Last Click On Launch Instance



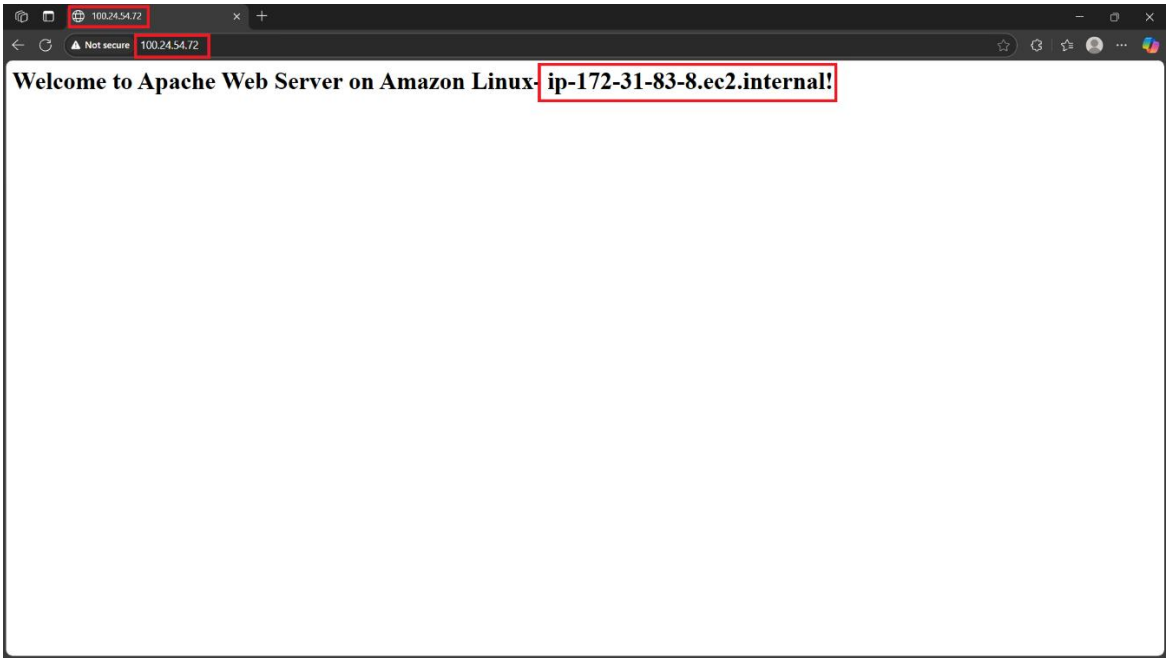
- Go to Instance And You Can See Tow Instances Are Created
- Click First Instance Id



- Copy Public IPv4 address

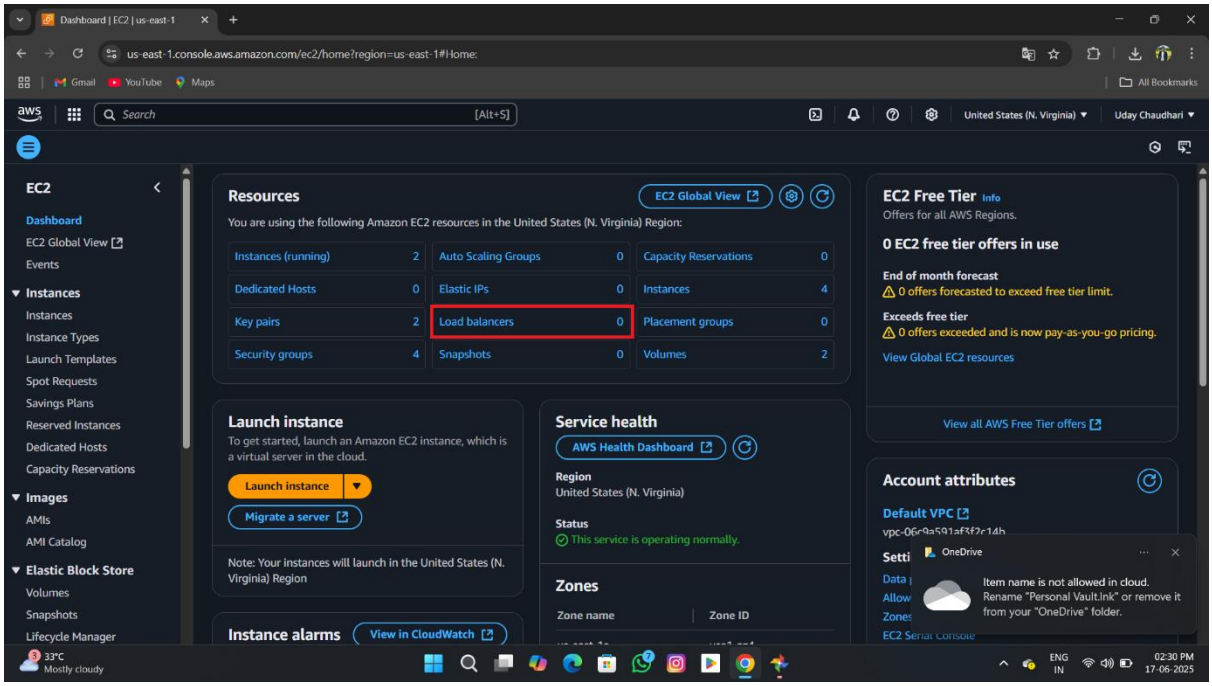


- Paste This IPv4 address On Chrome Browser
- You can See Your web is on running with unique ip address
- So your First Instance on running
- Check Second Instance on Running Follow this process on Second Instance

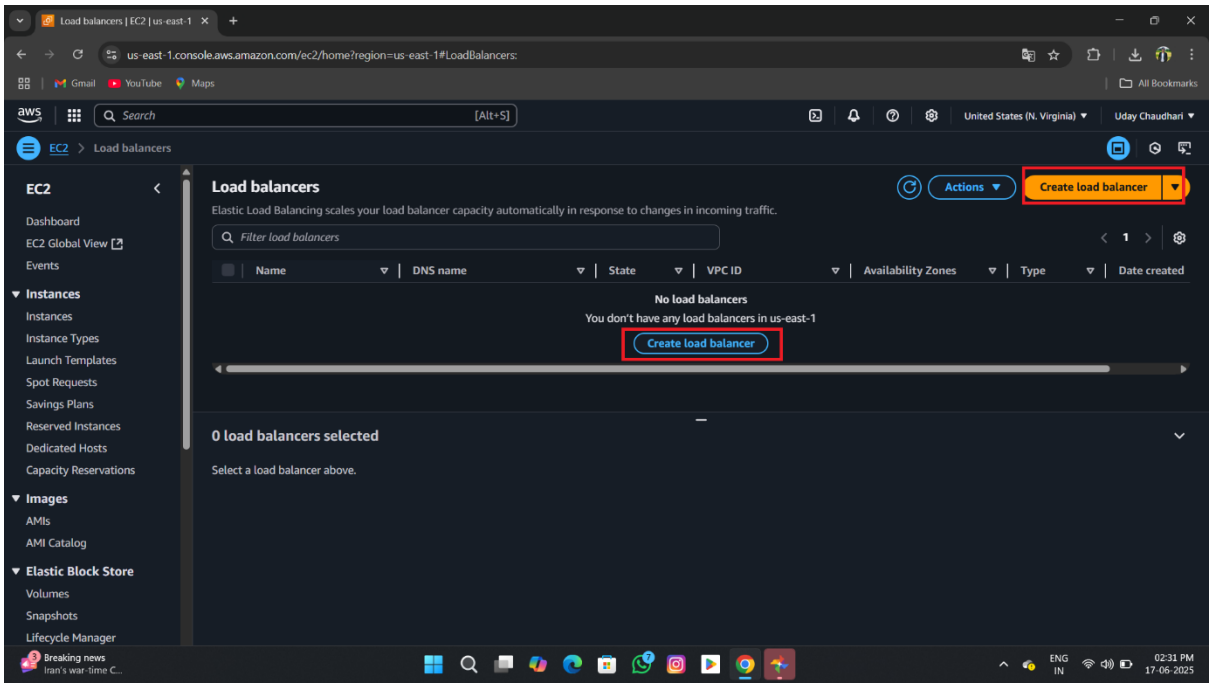


Step – 2 Creating Loadbalancer

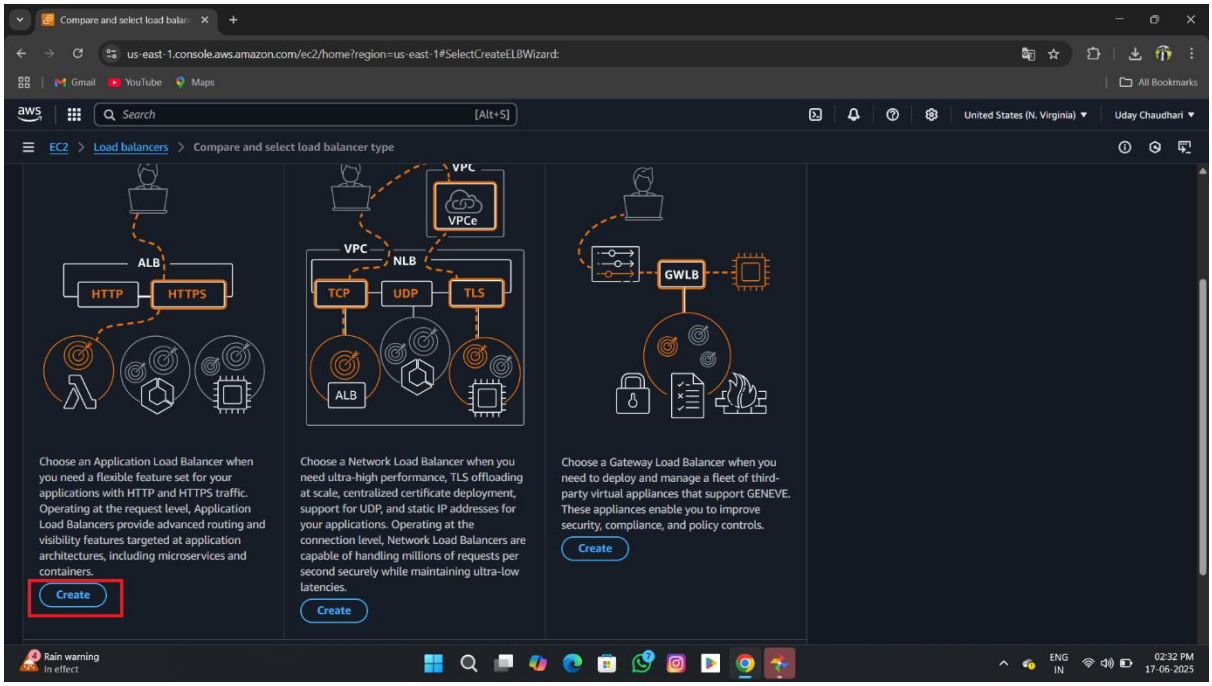
- Go to EC2 Dashboard and Click Load balancers



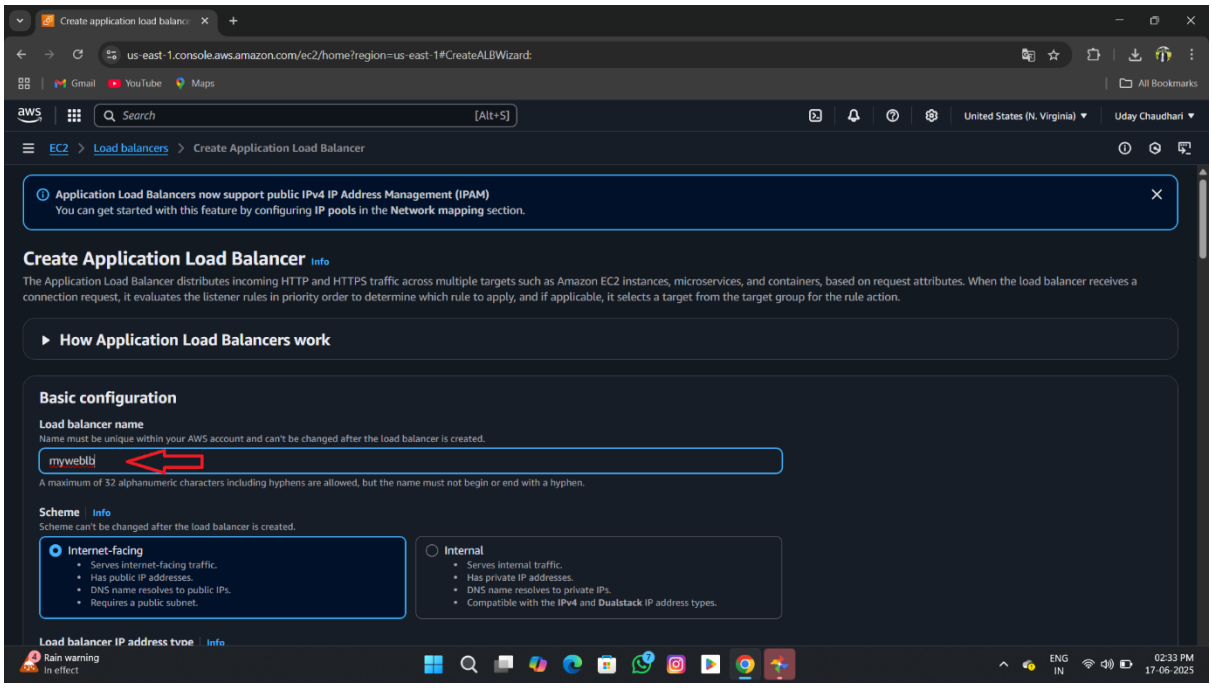
- Click On Create load balancer



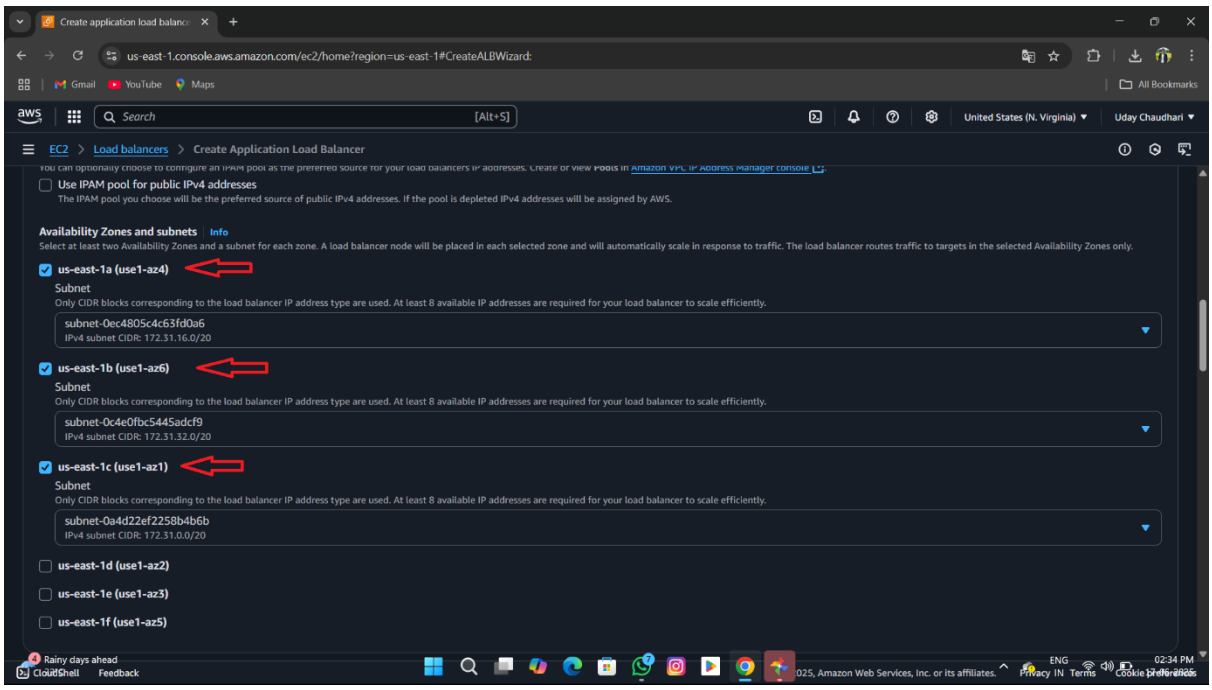
- Select First Option ALB (Application Load Balancer)
- Click Create Button



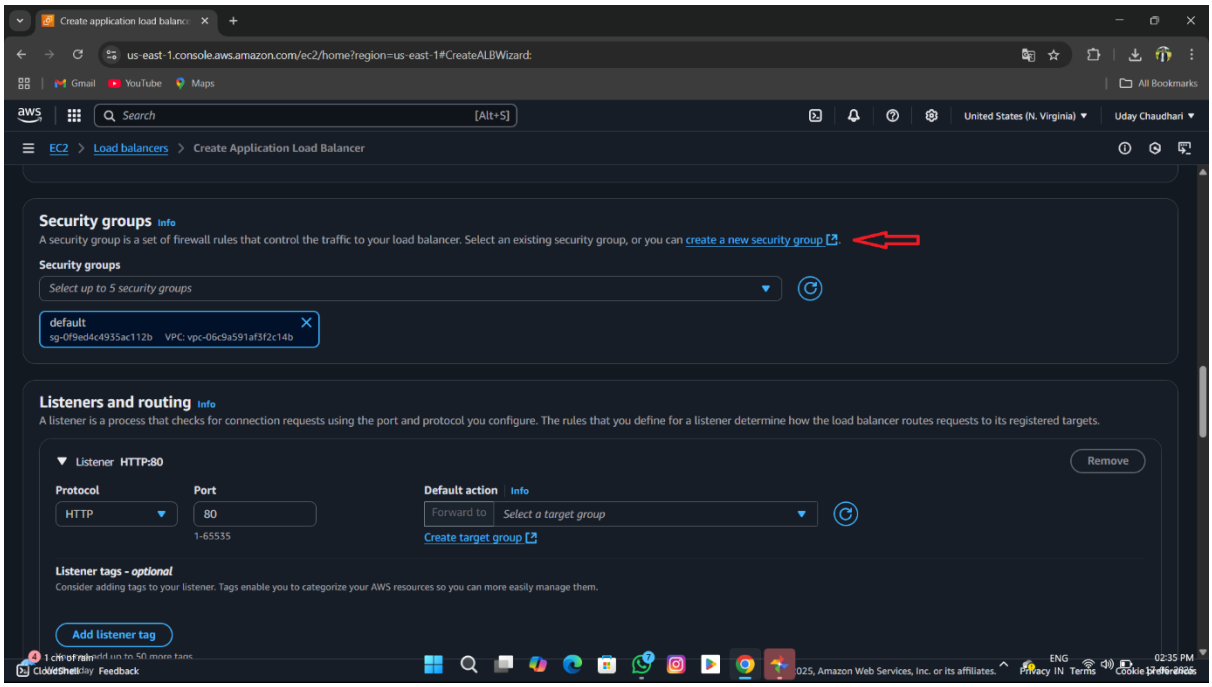
- Enter Load Balancer Name



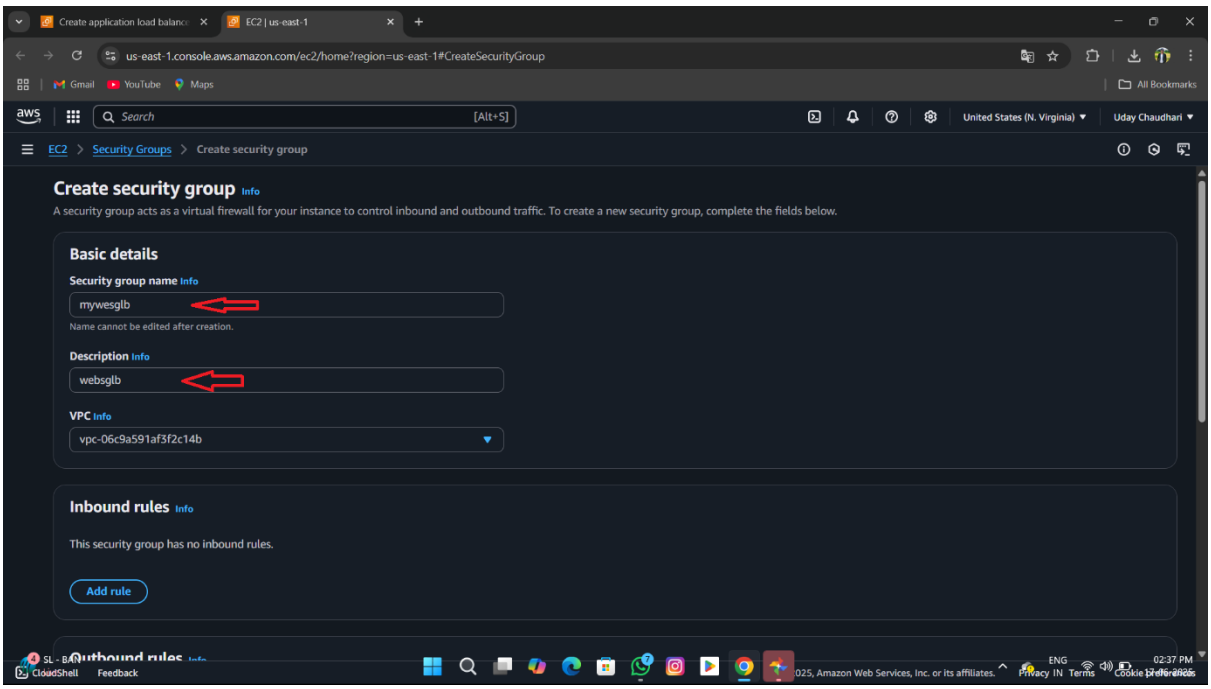
- Select Availability Zones and subnets (A , B , C)



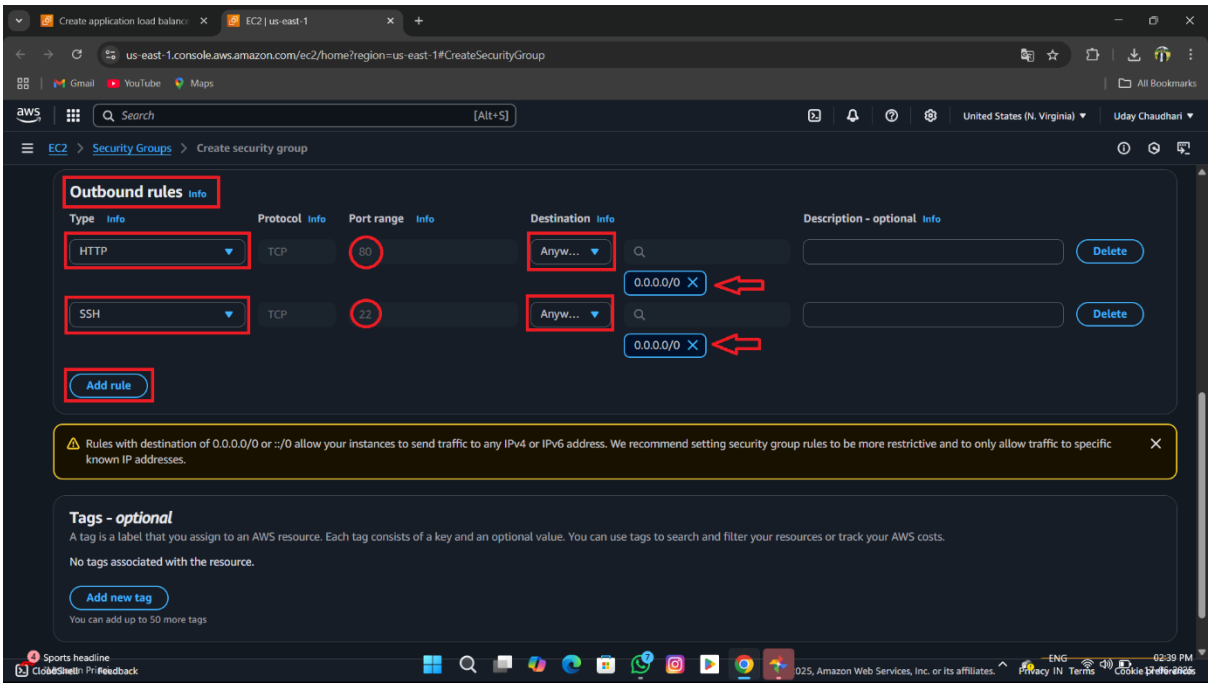
- Click on Create a New Security Group and Create Security Group



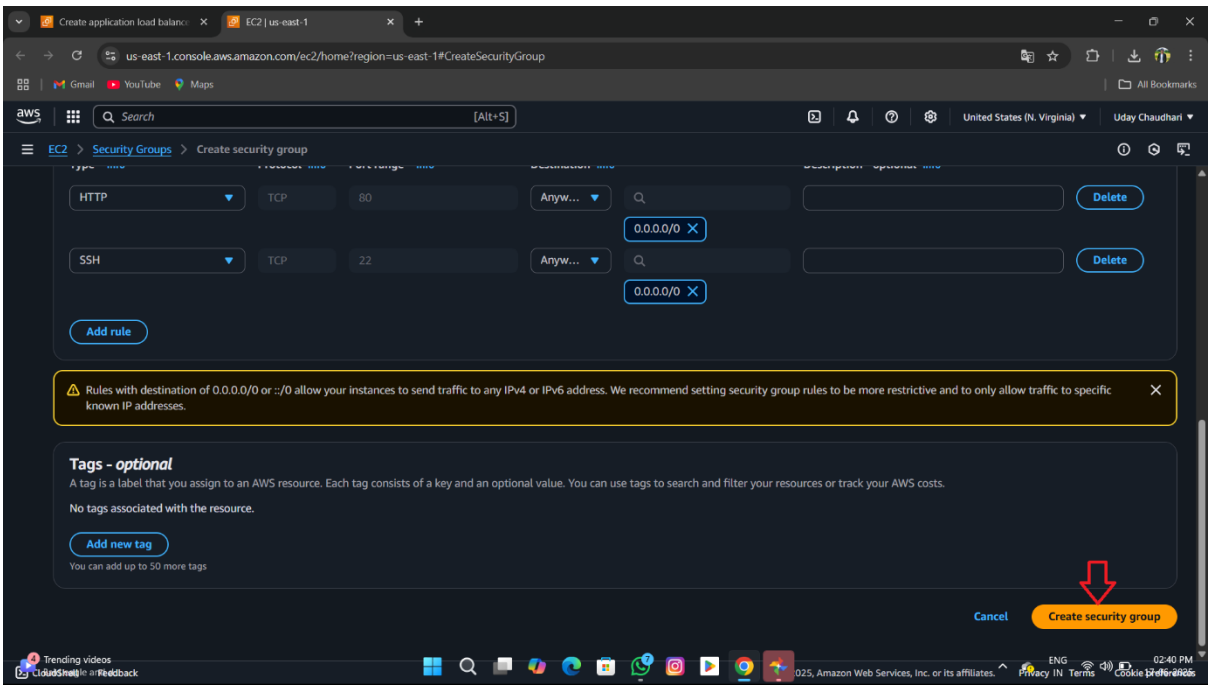
- Enter Security Group Name And Description



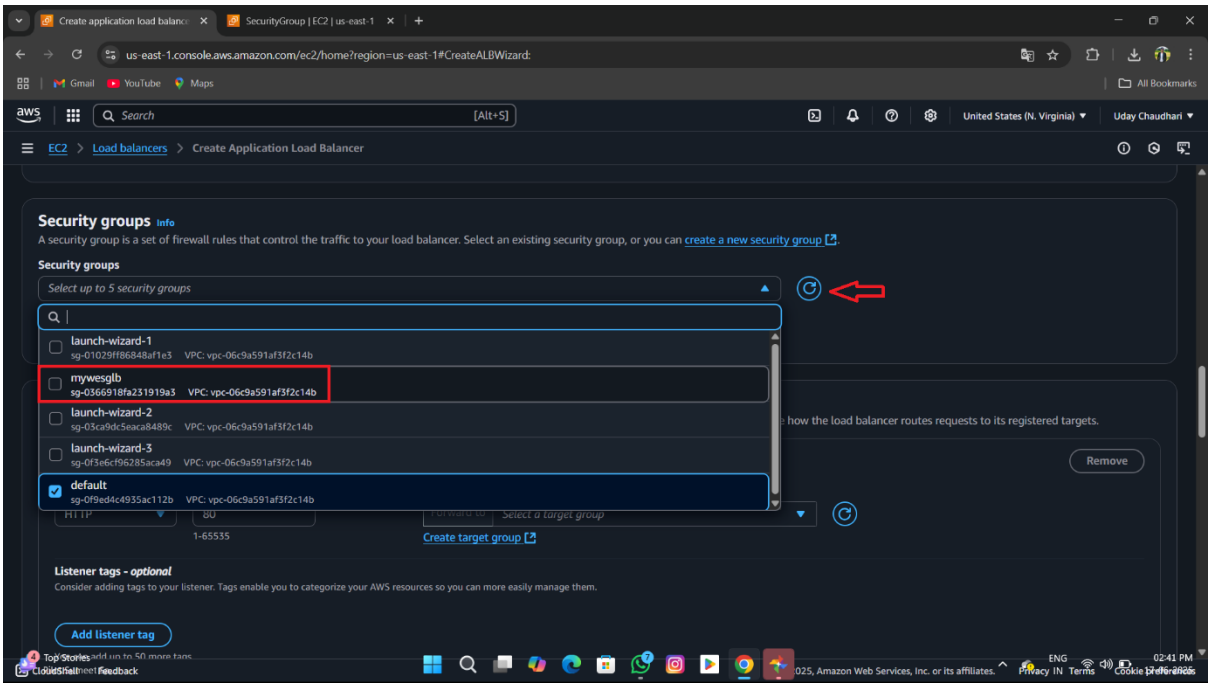
- Create Outbound rule using data in Image
- Click on Add rule



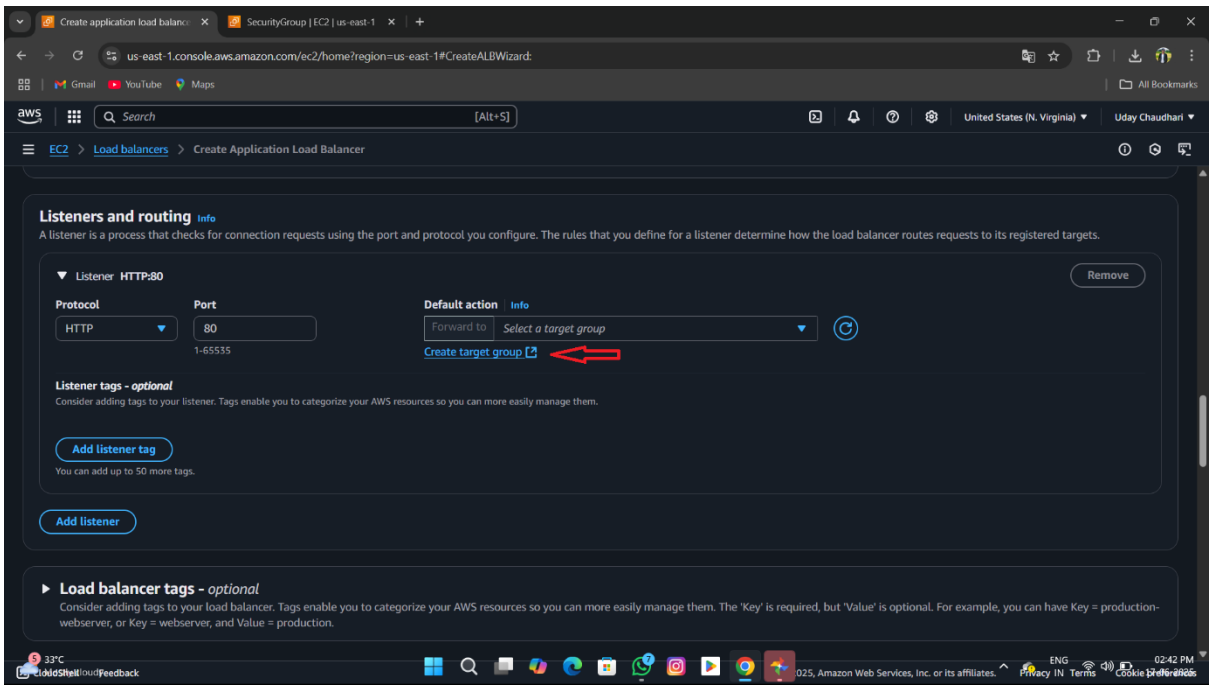
- Click on Create Security Group



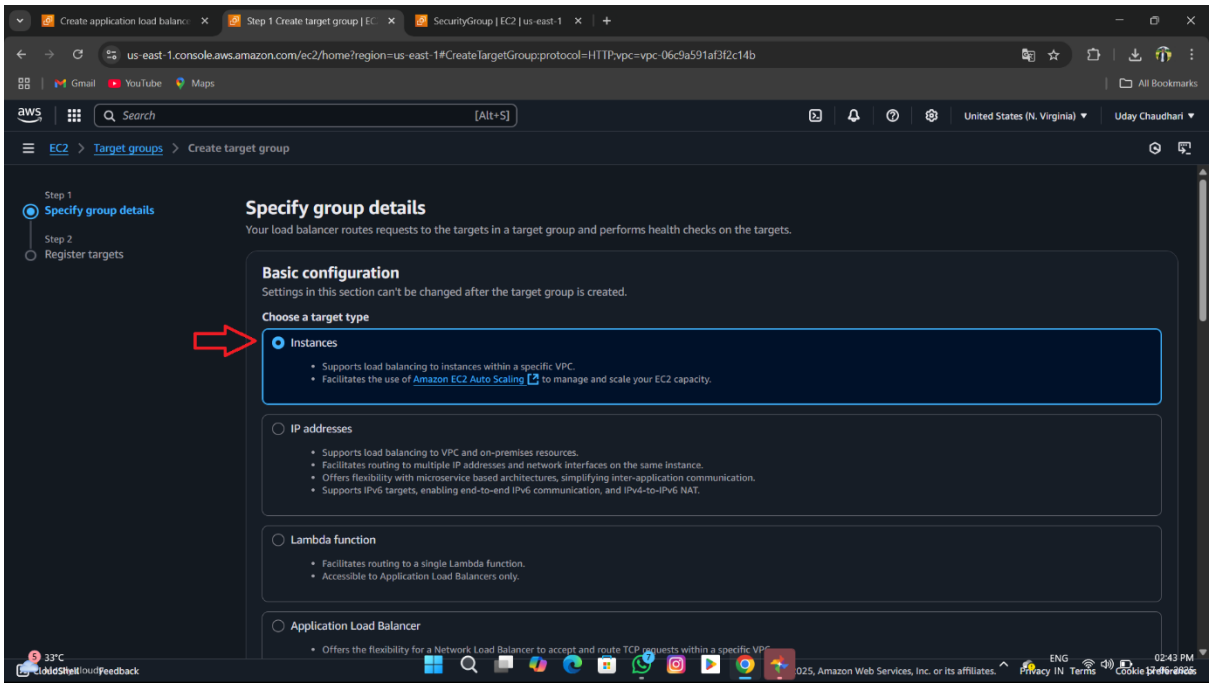
- Click Refresh Button And Select Security Group in List



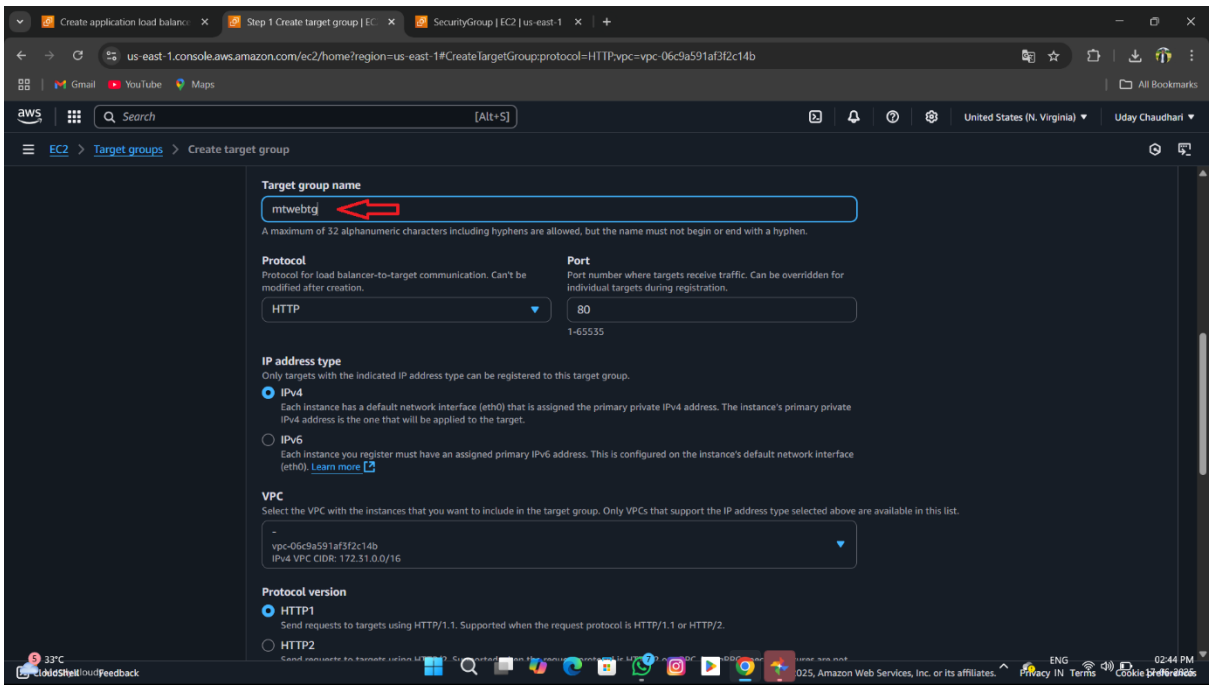
- Click on Create Target Group



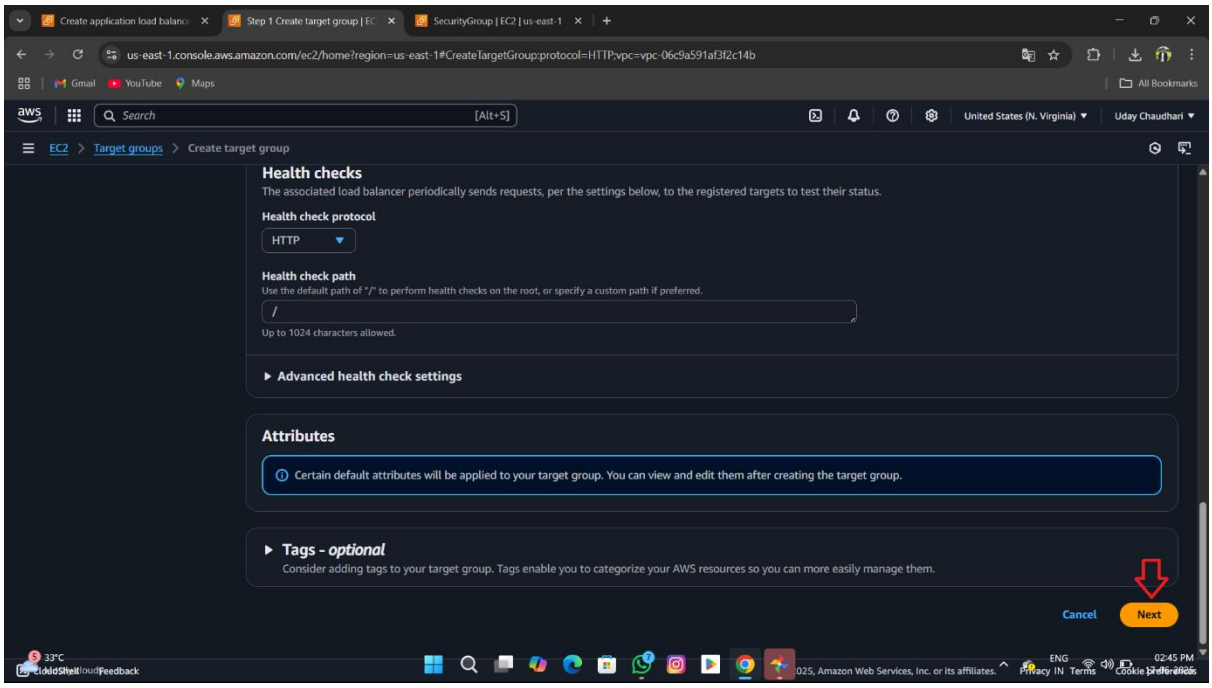
- Choose a Target Type – Instance



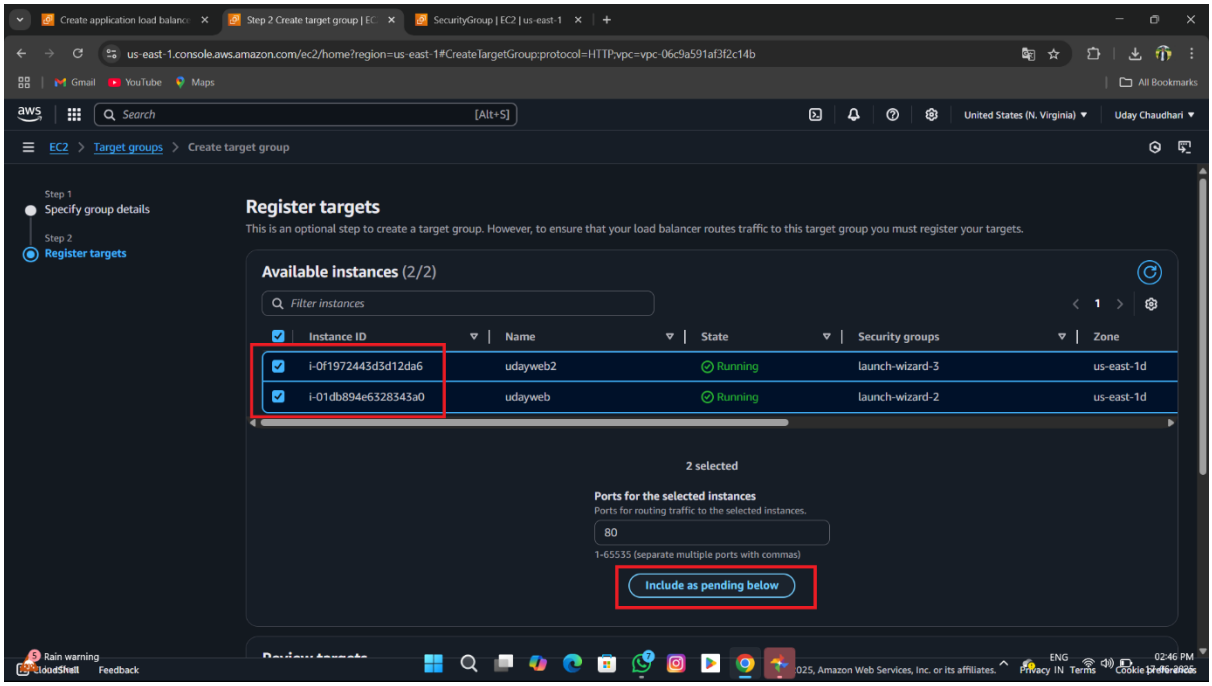
- Enter Target Group Name



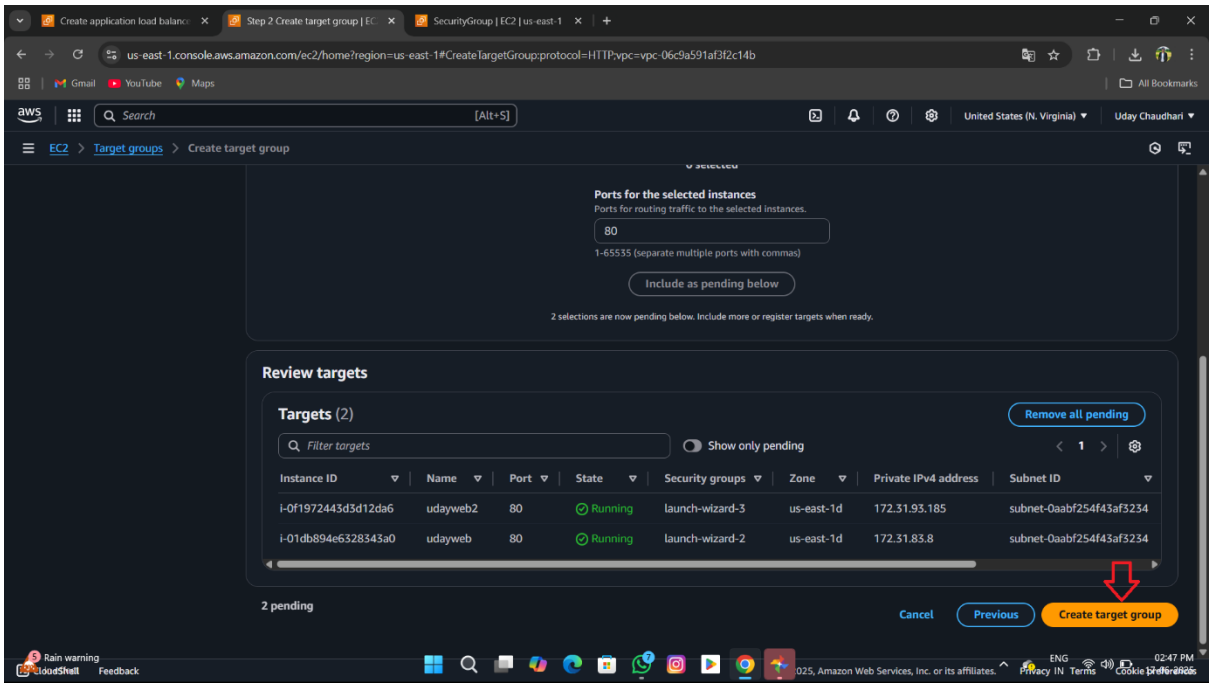
- Click on Next Button



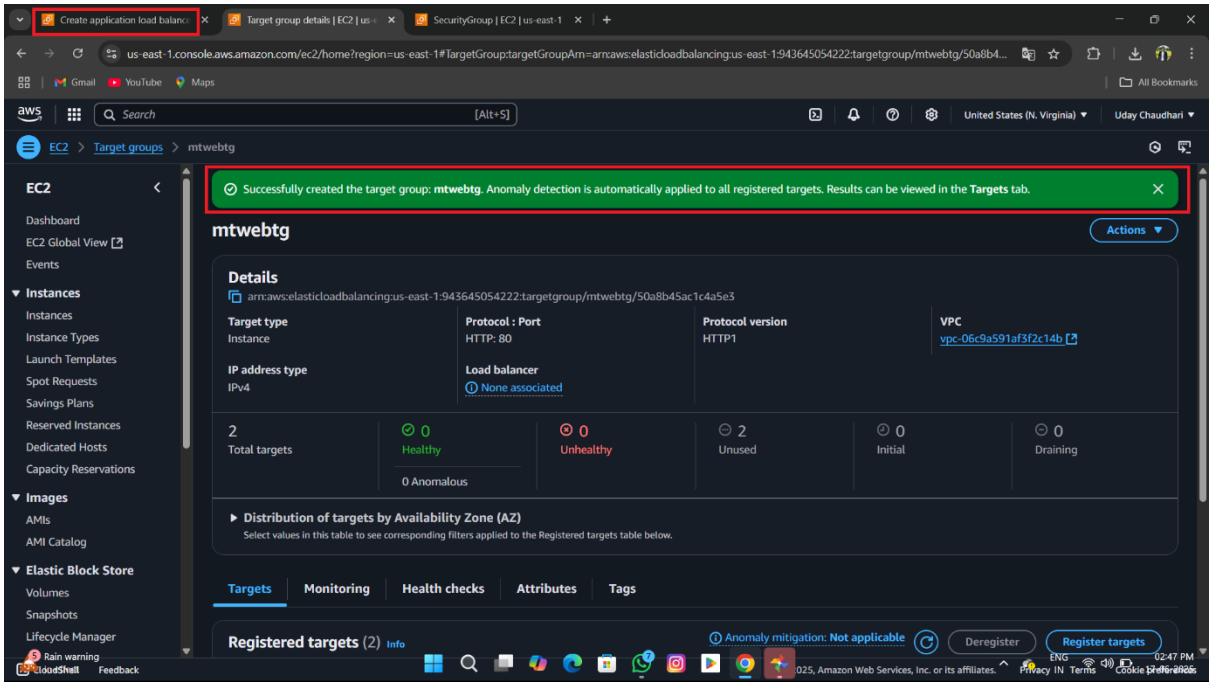
- Select Tow Instances In List That Show In Image
- Click on Include as pending below



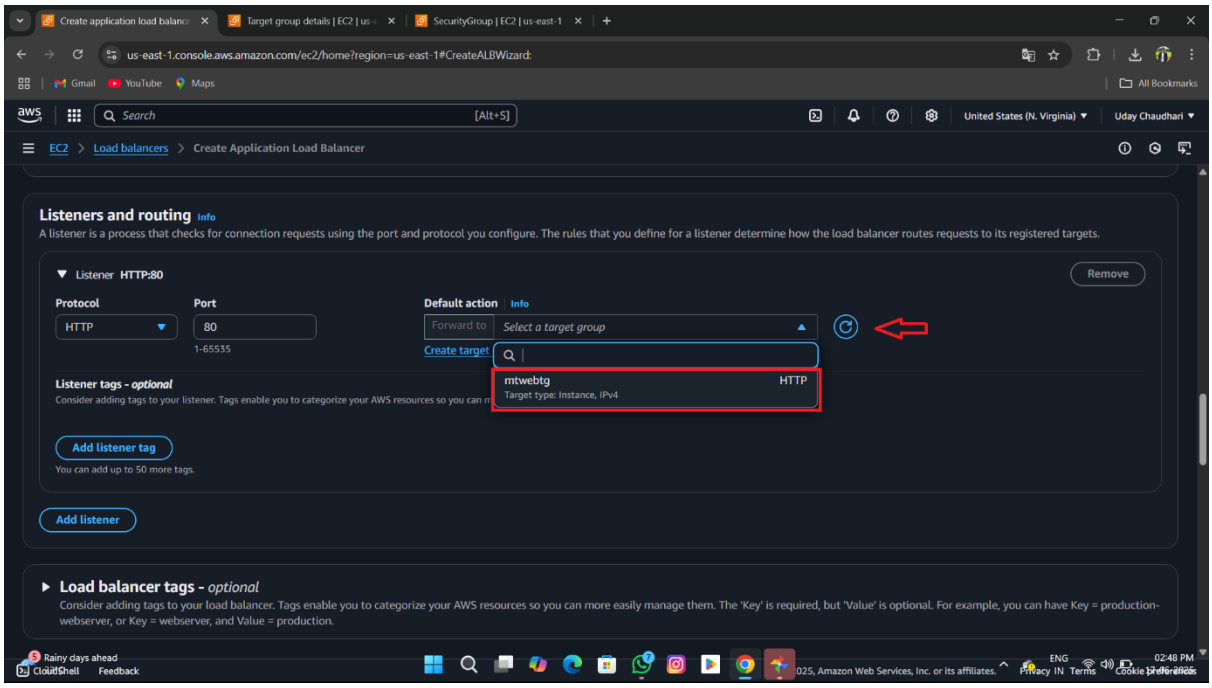
- Click on Create Target Group



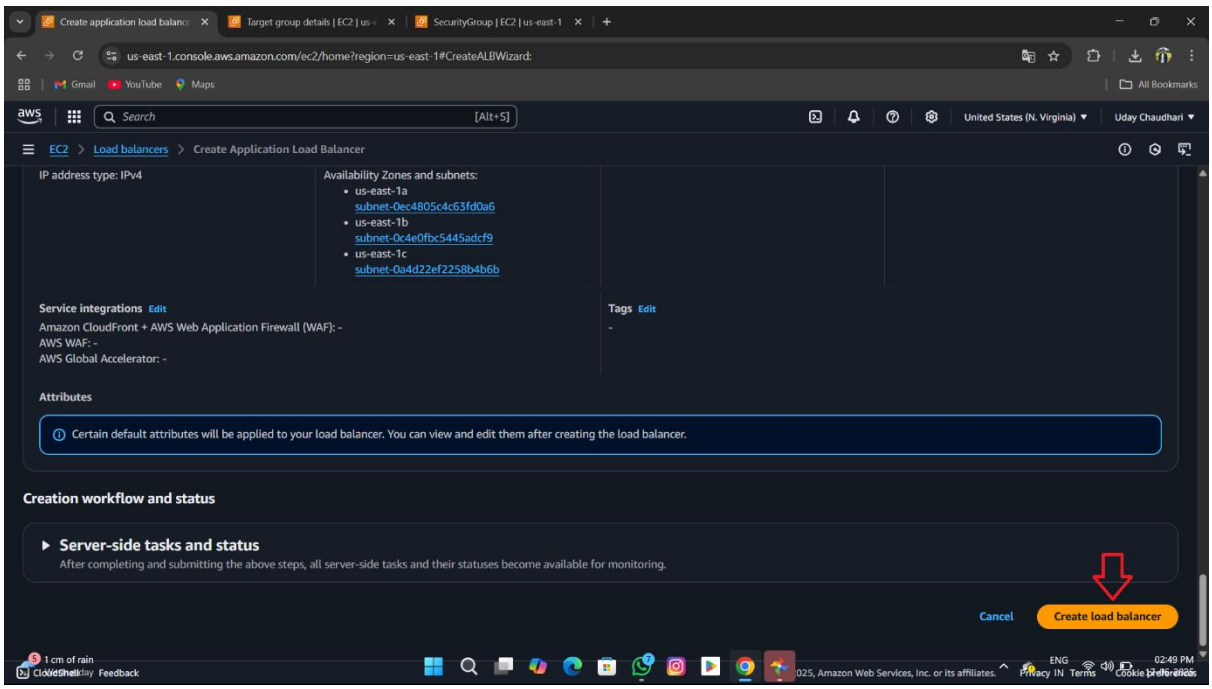
- You can see Your Target Group is Created
- Click on Loadbalancing tab



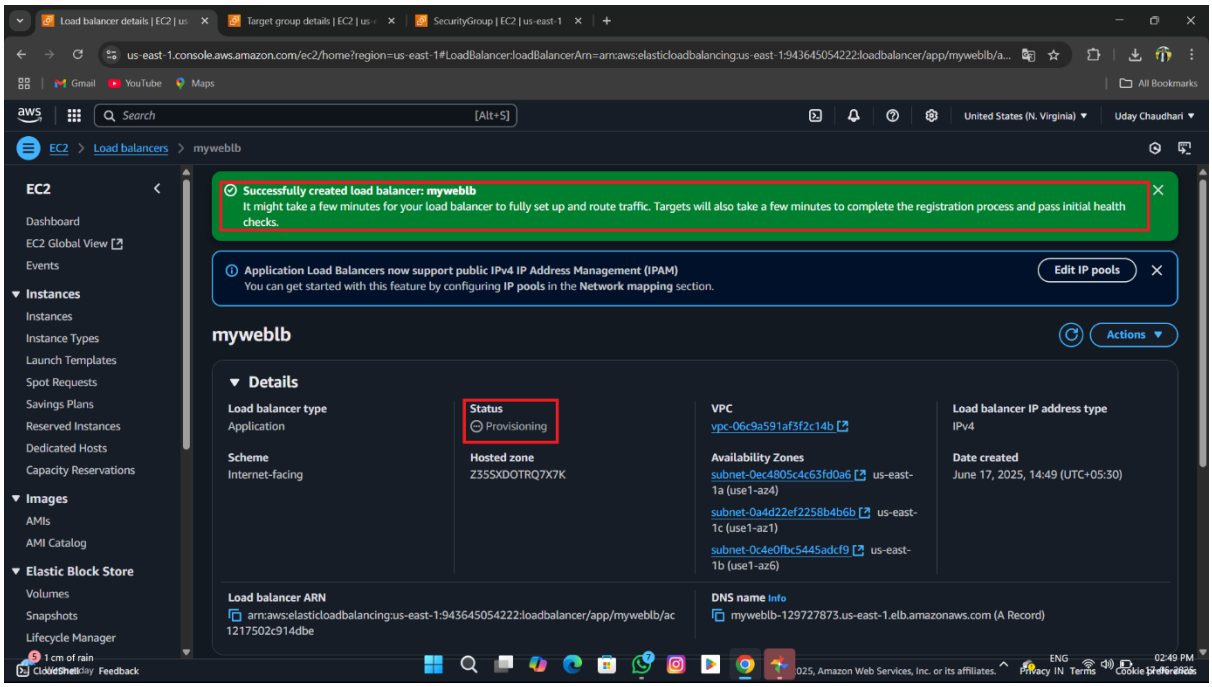
- Click On refresh Button And Refresh List
- Select Target Group On List



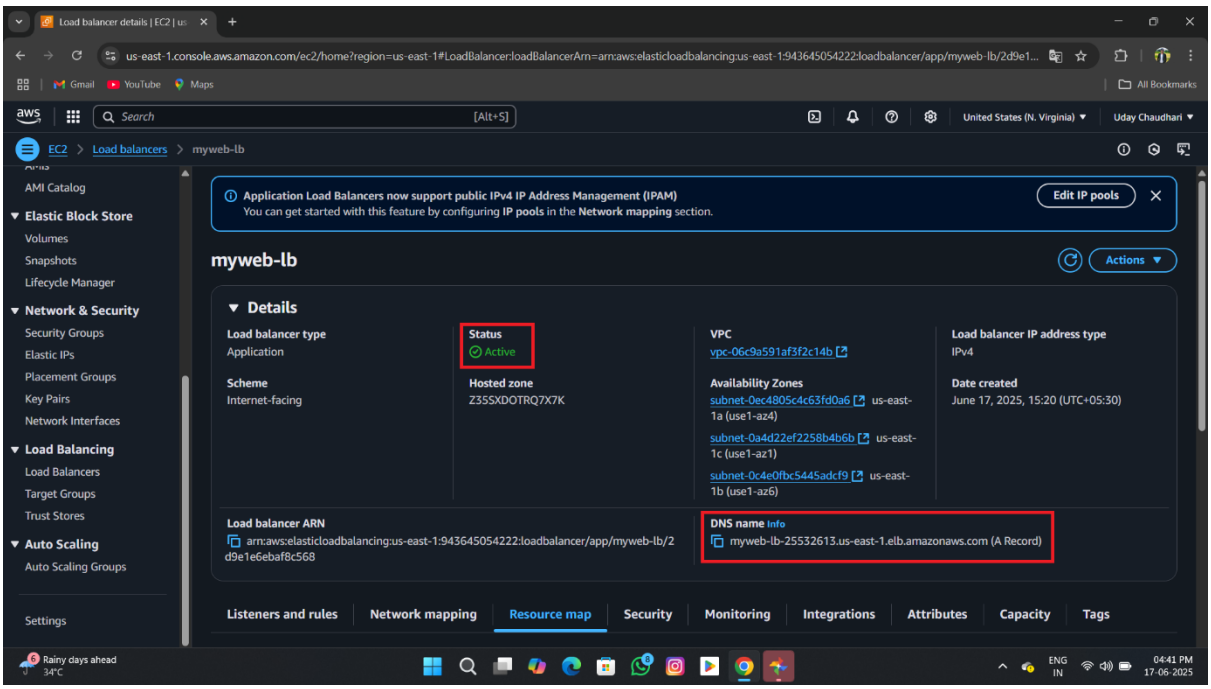
- Click on Create Load Balancer Button



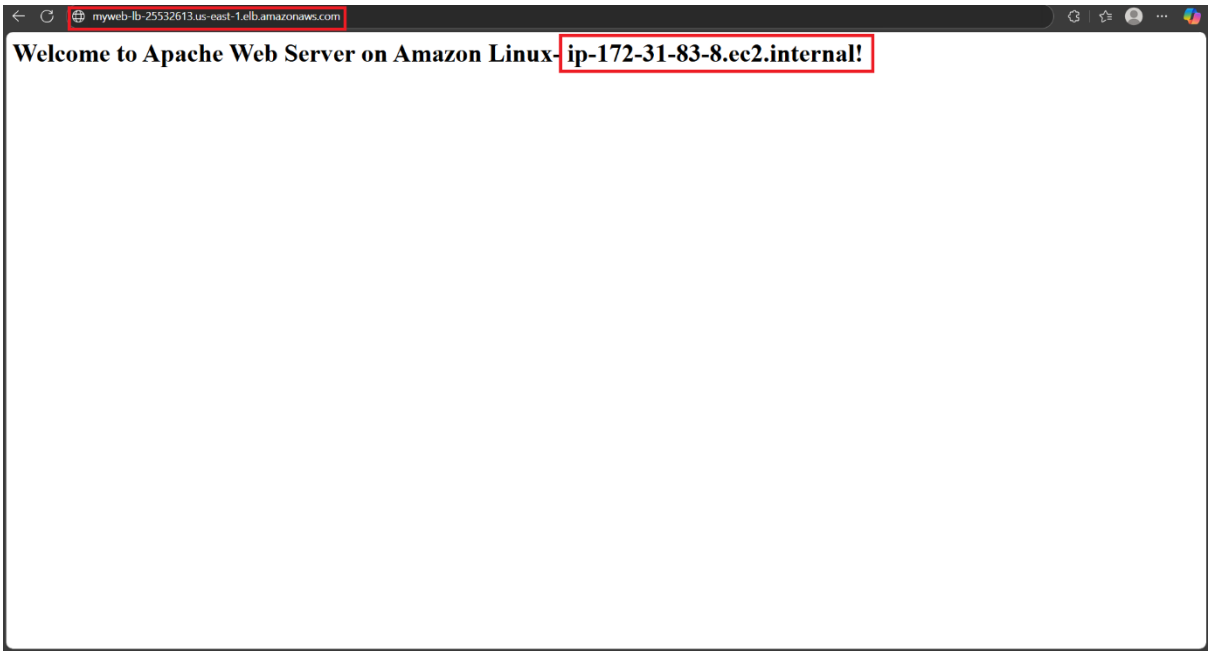
- You Can See Your Loadbalancer is Created
- Check Status Active OR Provisionning

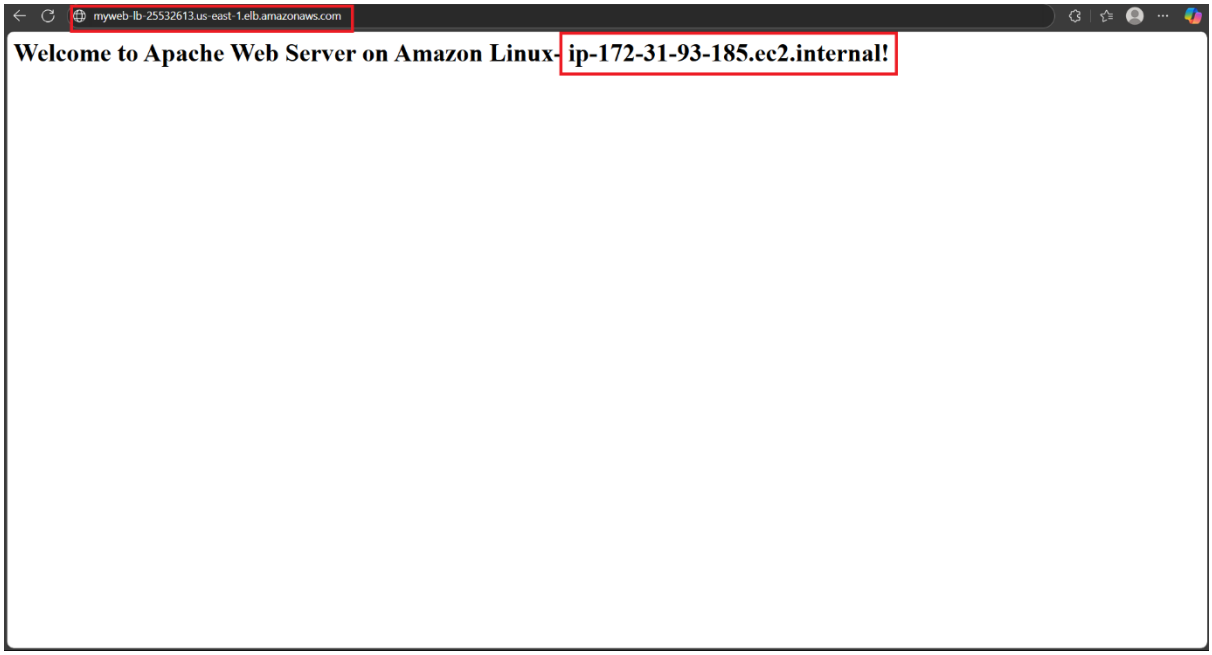


- After Status is Active than Copy DNS Name



- Past DNS Name On Chrome Browser
- You Can See Same Web Page But Different Unique Ip Addresses




myweb-lb-2553261 3.us-east-1.elb.amazonaws.com
Welcome to Apache Web Server on Amazon Linux- ip-172-31-93-185.ec2.internal!