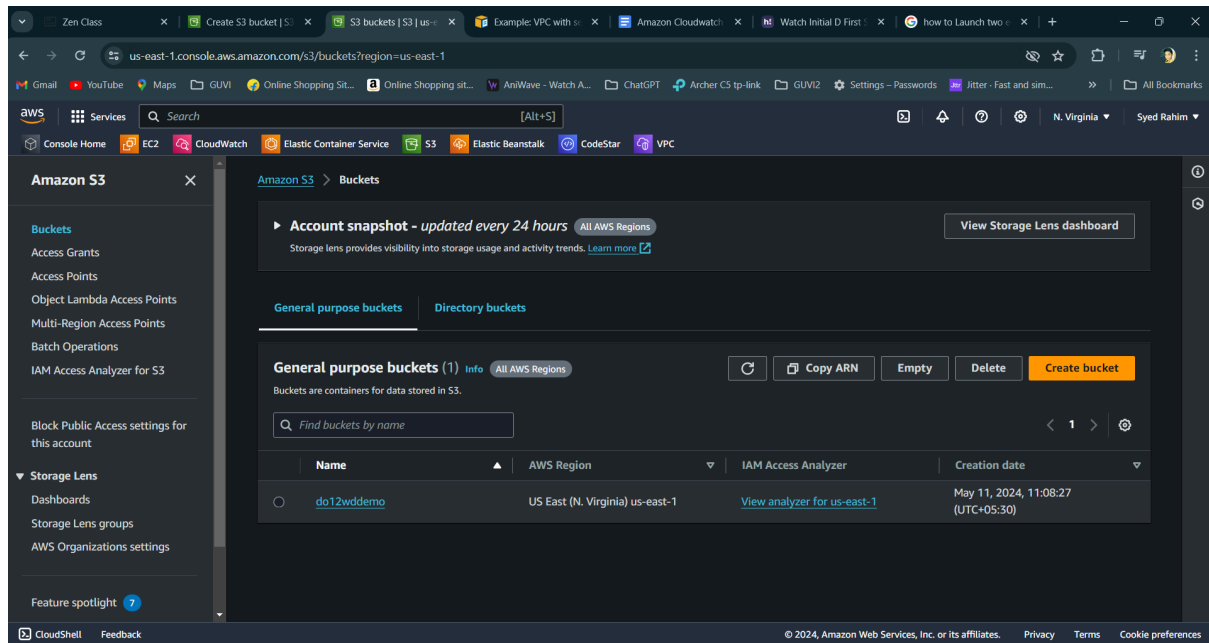
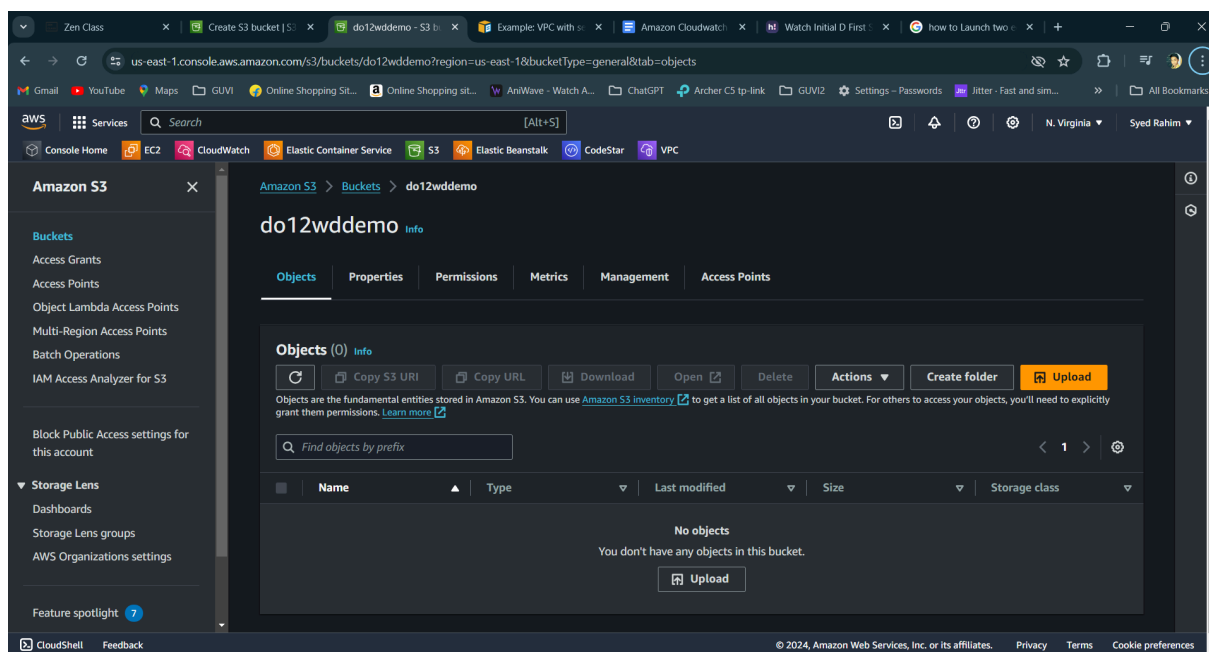


01. Create a S3 bucket, with no public access and upload files to the bucket & view the logs for the uploaded files.

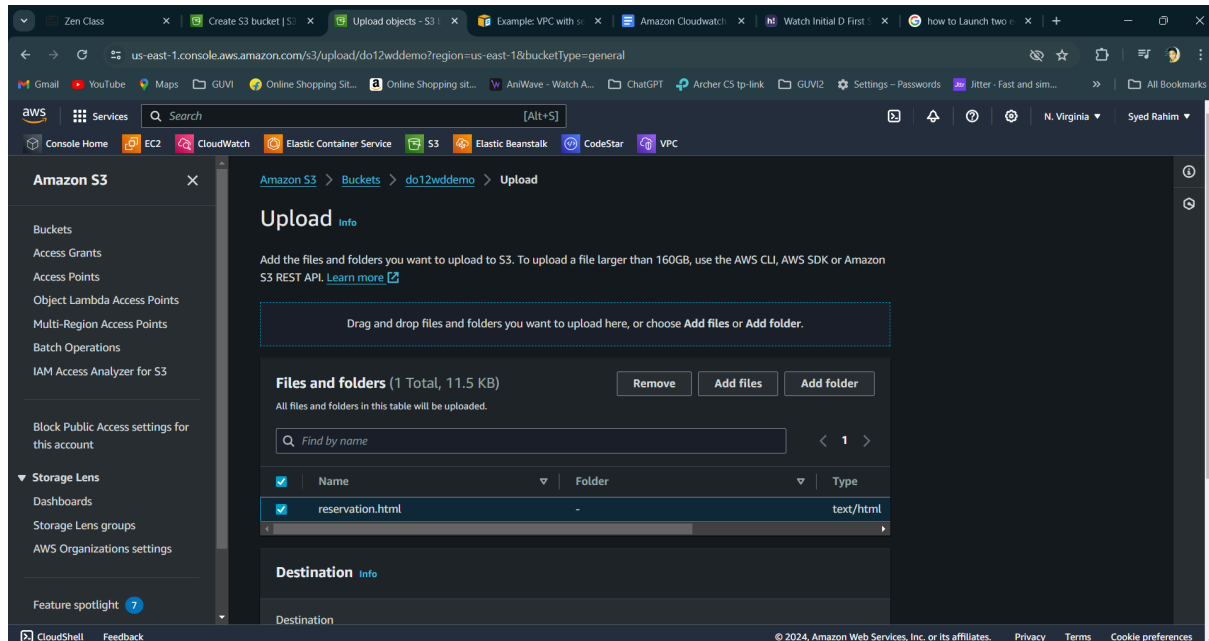
Step 1: Create or Select the Bucket



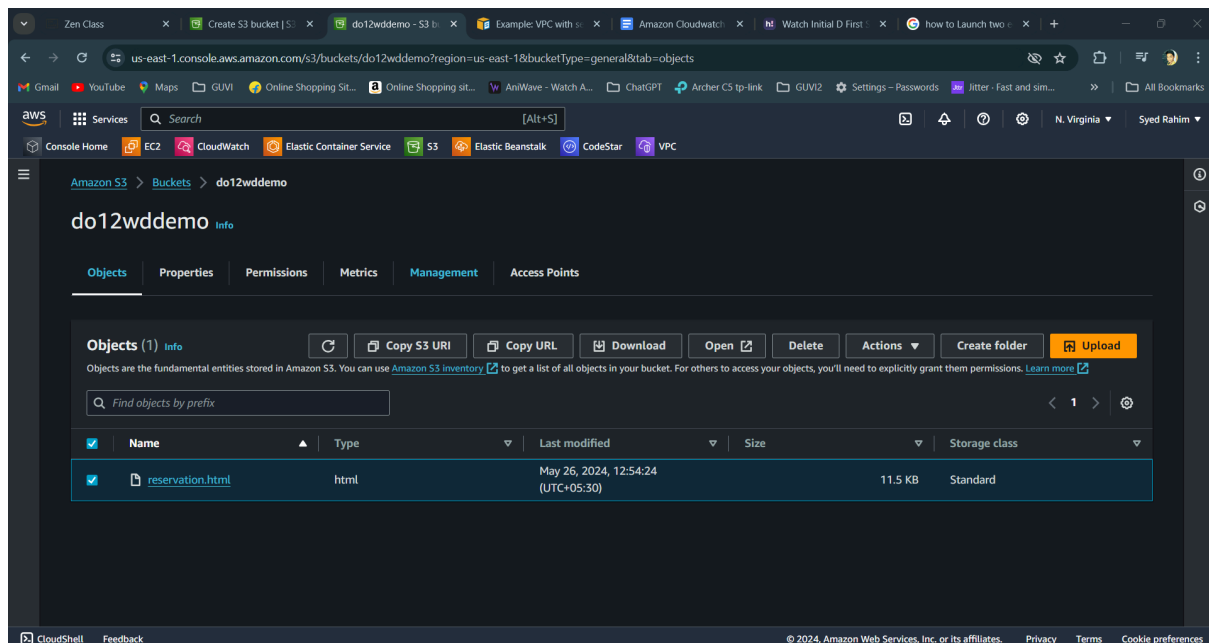
Step 2: Click on the created or selected bucket

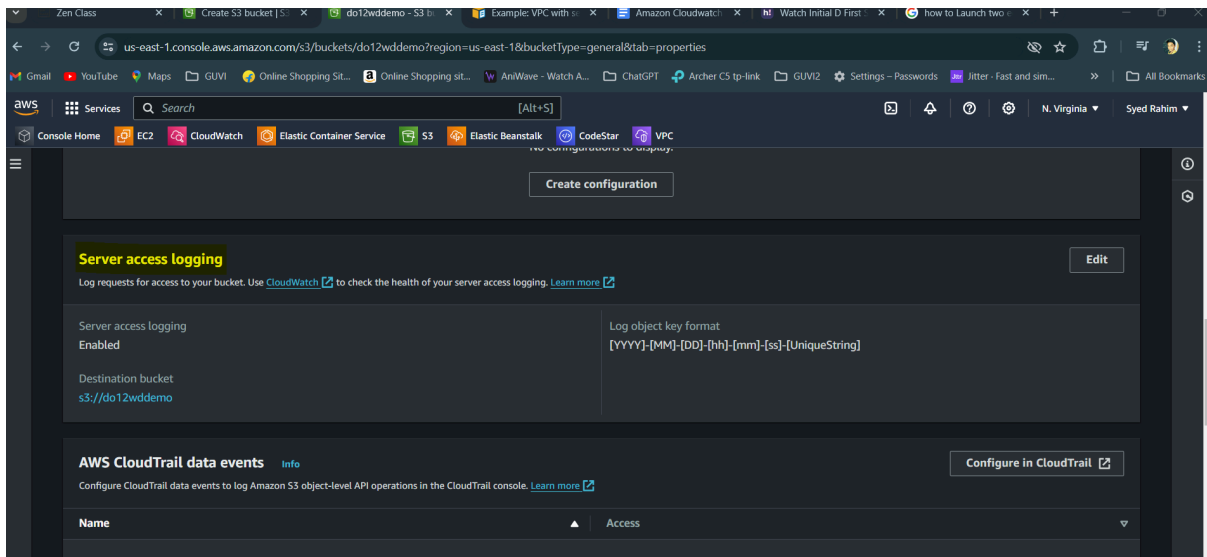


Step 3: Click on Upload —> click on Add file and click Upload

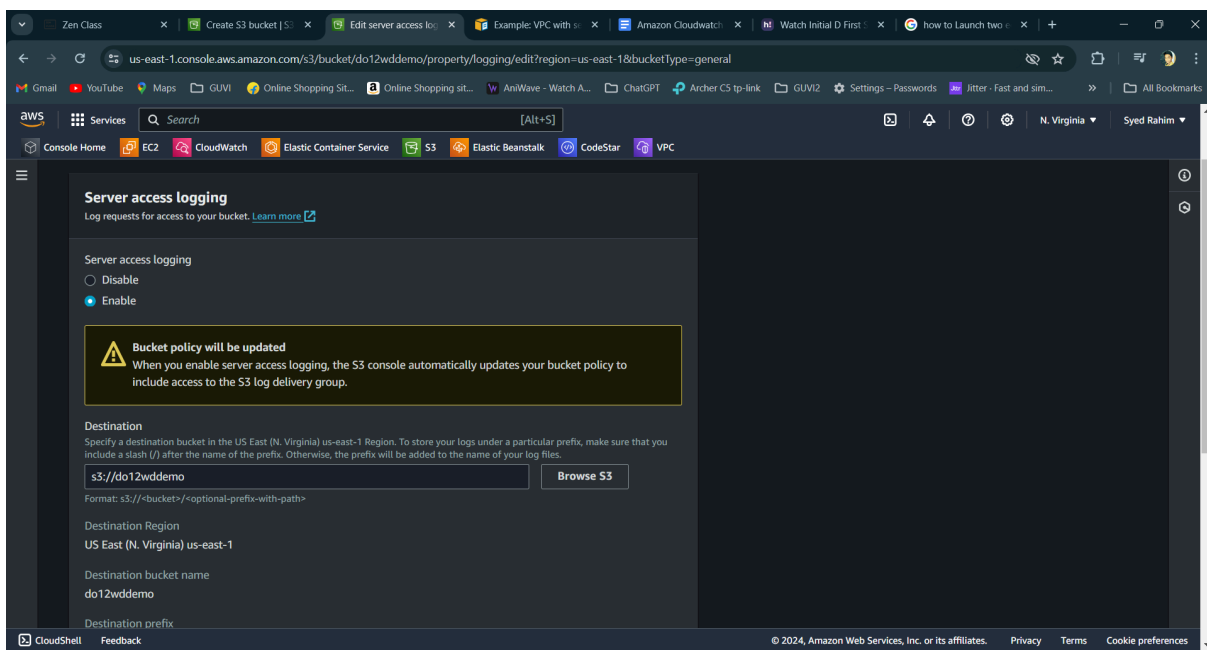


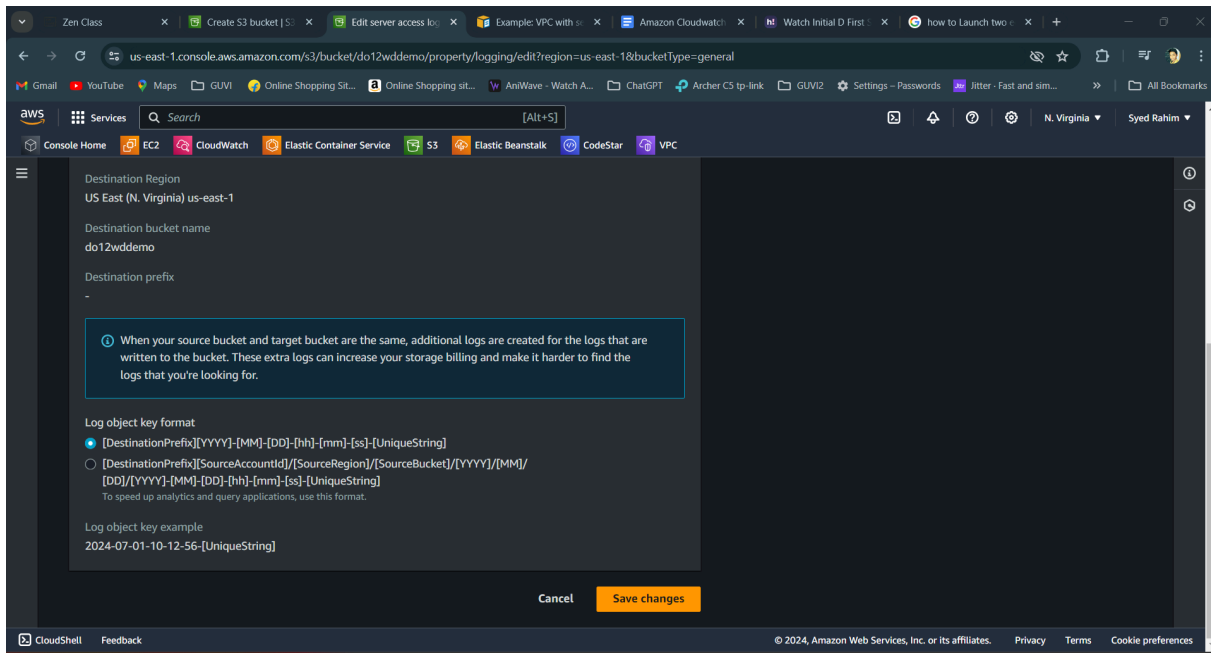
Step 4: Click on Properties —> search for Server access logging and click Edit



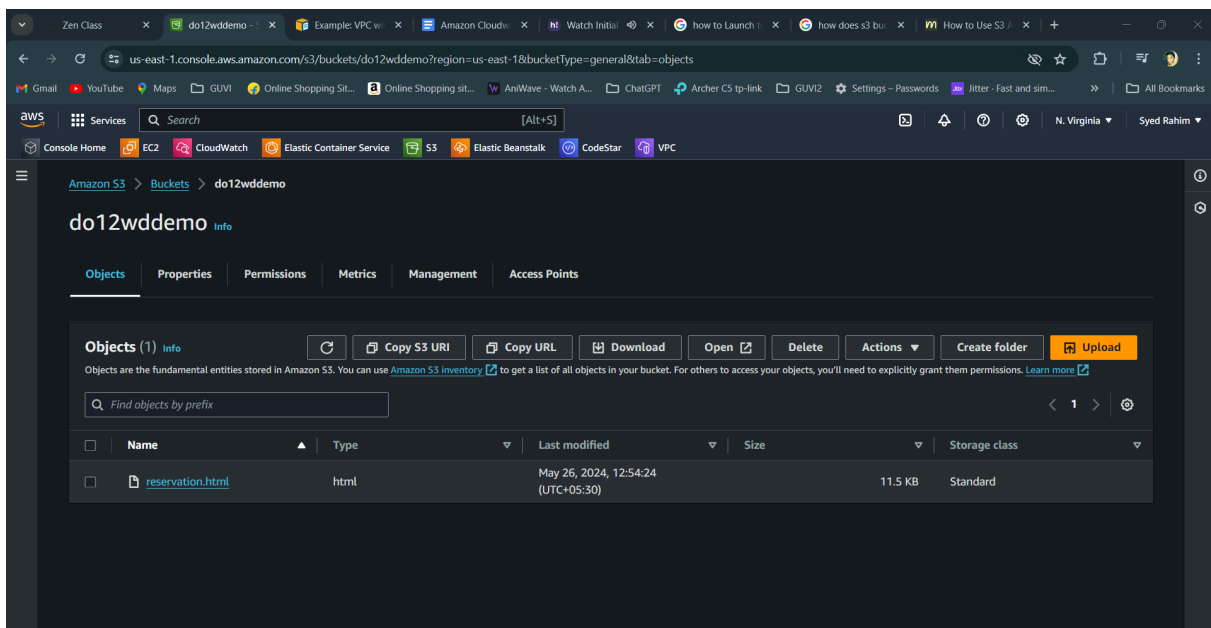


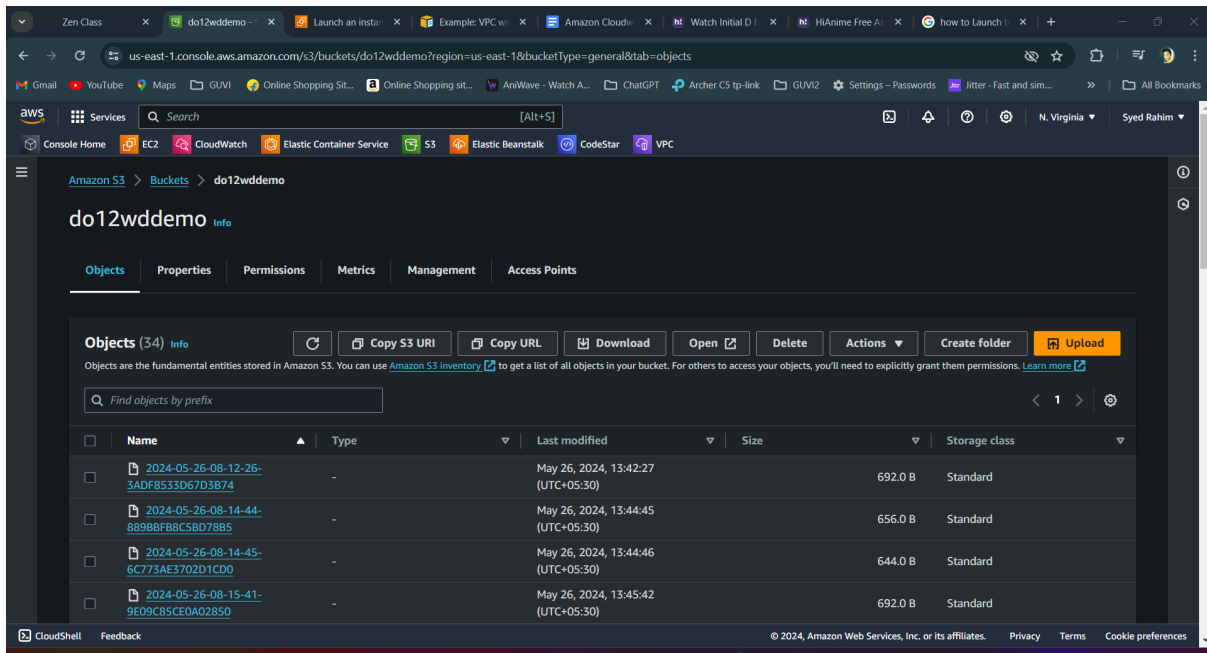
Step 5: Enable Server access logging and select the same bucket or create a new bucket → click on save destination where you can save this info → Select the format in which your logs want to be saved → Click save changes





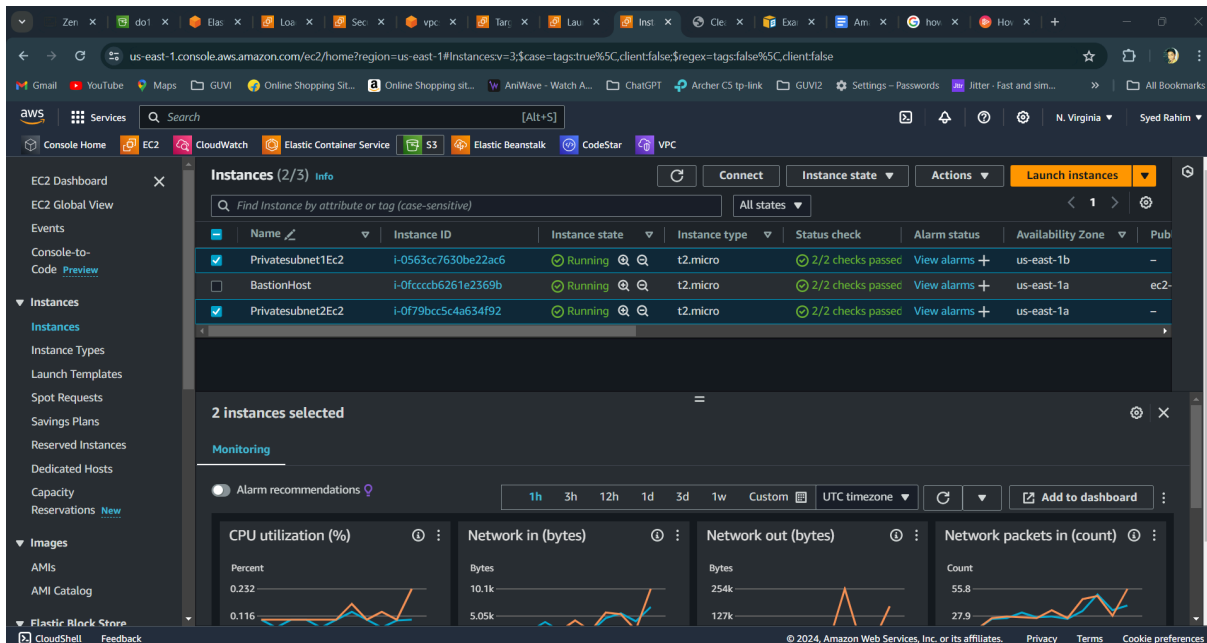
Step 6: We can view the loggs





02. Launch two ec2-instances and connect it to a application load balancer, where the output traffic from the server must be an load balancer IP address

Step 1: Launch two Ec2-instances



Step 2: Select the select and filling the following → Give a Key pair → Select the custom VPC that was created → select the Public subnet → Click on Launch Instance

Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

docker [Create new key pair](#)

Network settings Info

VPC - *required* Info

vpc-0e33c318c9c1b9c42 (myvpcproject-vpc) [10.0.0.0/16](#) [Create new VPC](#)

Subnet Info

subnet-078ef71fae8ab96cf myvpcproject-subnet-public1-us-east-1a [Create new subnet](#)

VPC: vpc-0e33c318c9c1b9c42 Owner: 704721325218 Availability Zone: us-east-1a IP addresses available: 4088 CIDR: 10.0.0.0/20

Auto-assign public IP Info

Enable

Additional charges apply when outside of free tier allowance

Summary

Number of instances Info

2

When launching more than 1 instance, consider EC2 Auto Scaling

Software Image (AMI)

Canonical, Ubuntu, 24.04 LTS, ...read more
ami-04b70fa74e45c3917

Virtual server type (instance type)

t2.micro

Firewall (security group)

myvpcsg

Storage (volumes)

1 volume(s) - 8 GiB

[Cancel](#) [Launch instance](#) [Review commands](#)

Auto-assign public IP Info

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☐ Create security group ☒ Select existing security group

Common security groups Info

Select security groups

myvpcsg sg-0122f38b5ad063fe3 [X](#) [Compare security group rules](#)

VPC: vpc-0e33c318c9c1b9c42

Security groups that you add or remove here will be added to or removed from all your network interfaces.

[Advanced network configuration](#)

Configure storage Info [Advanced](#)

1x 8 GiB gp3 Root volume (Not encrypted)

Summary

Number of instances Info

2

When launching more than 1 instance, consider EC2 Auto Scaling

Software Image (AMI)

Canonical, Ubuntu, 24.04 LTS, ...read more
ami-04b70fa74e45c3917

Virtual server type (instance type)

t2.micro

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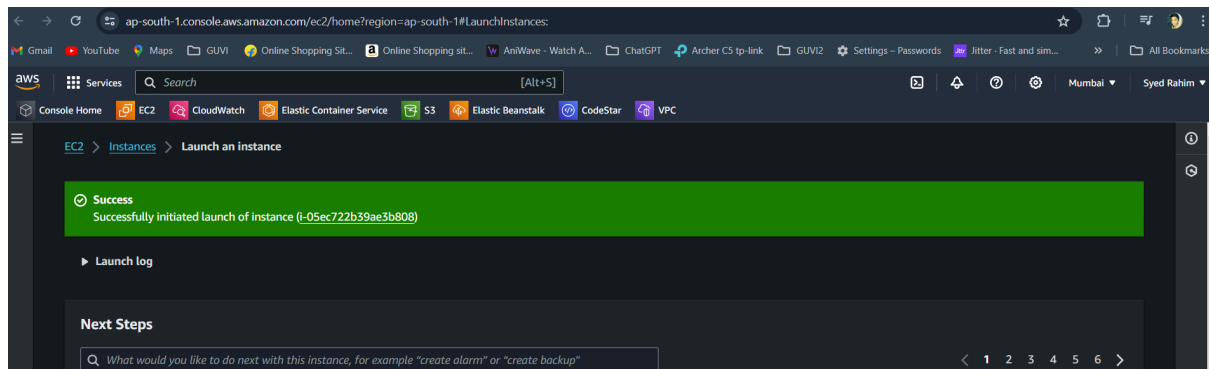
myvpcsg

Storage (volumes)

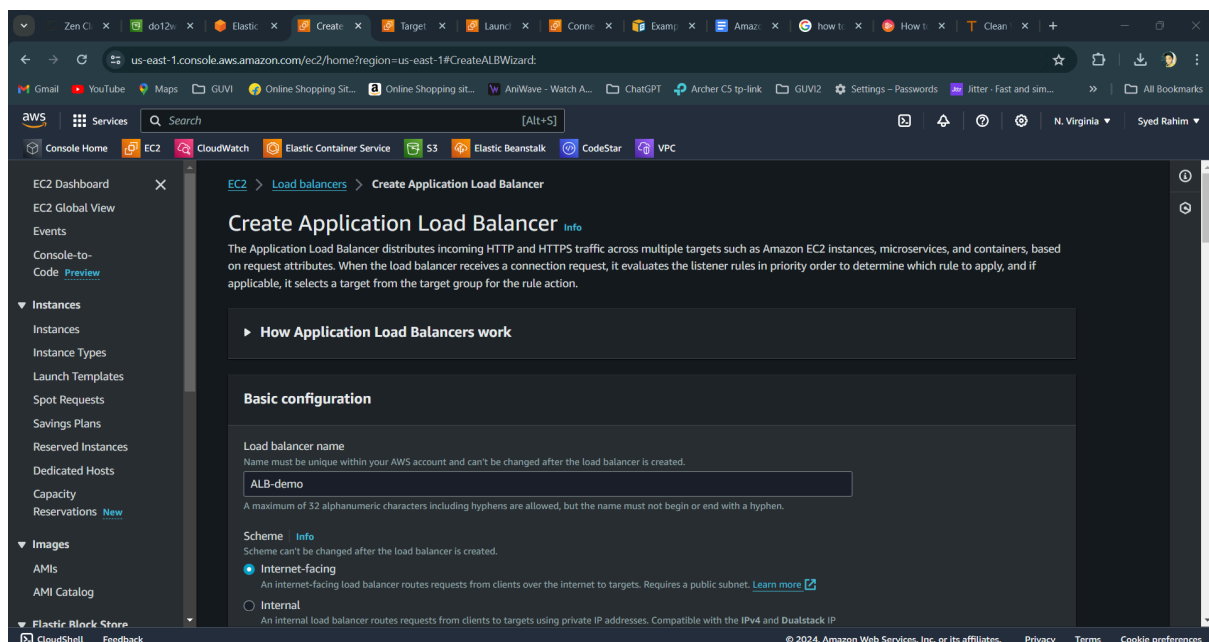
1 volume(s) - 8 GiB

[Cancel](#) [Launch instance](#) [Review commands](#)

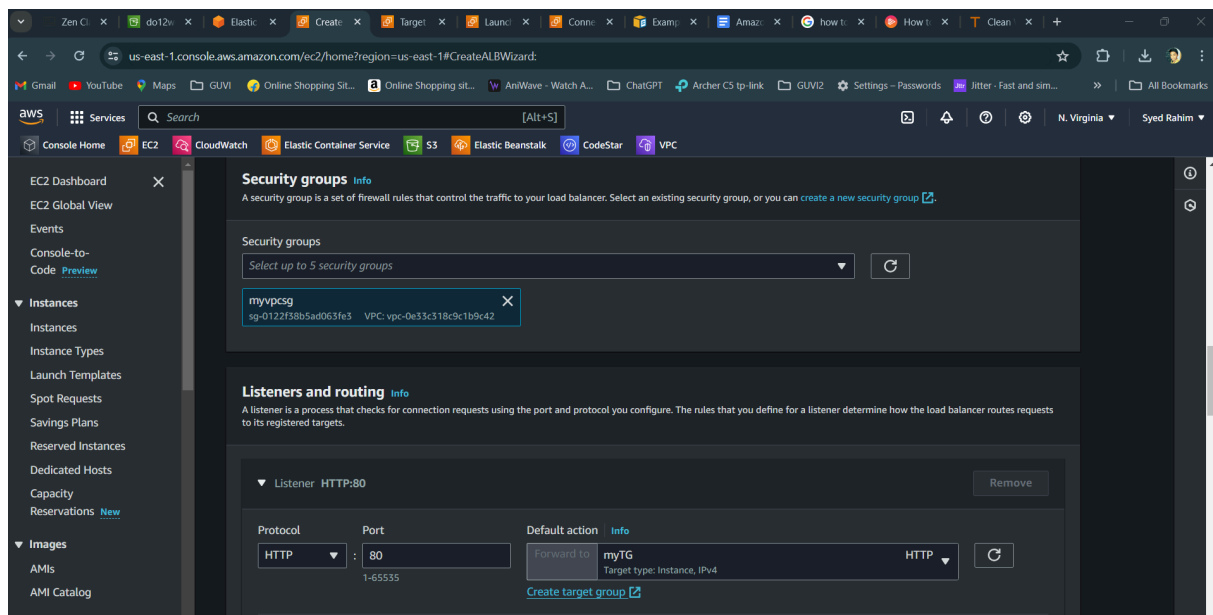
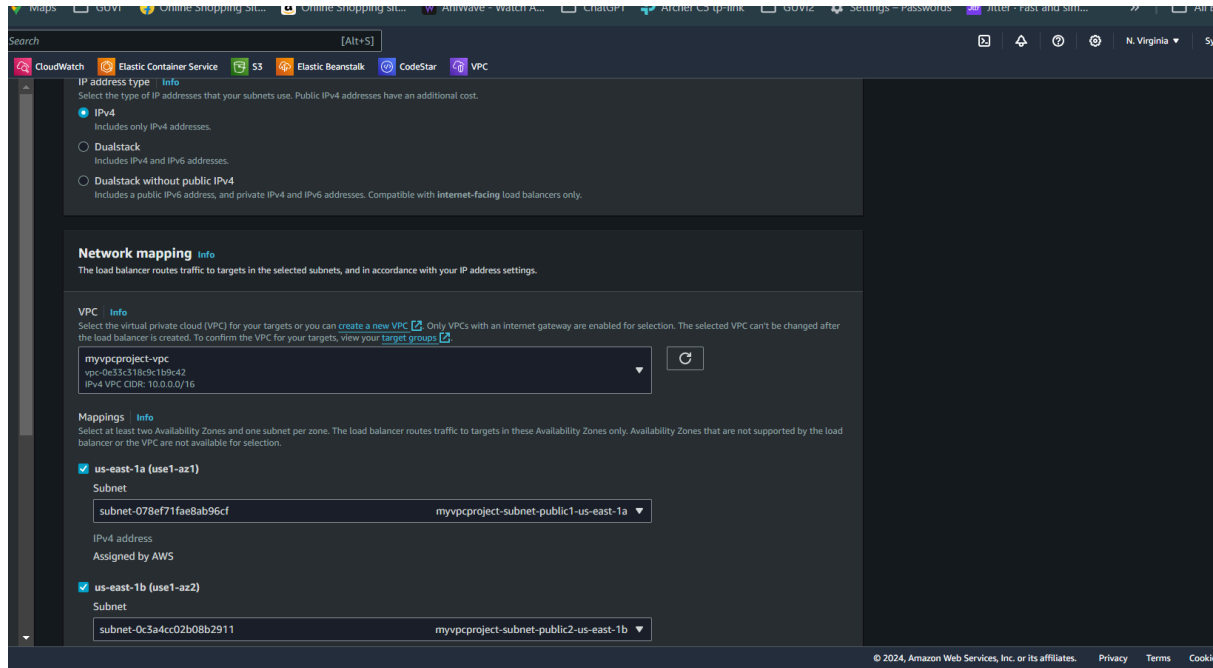
Step 3: Click Launch Instance..



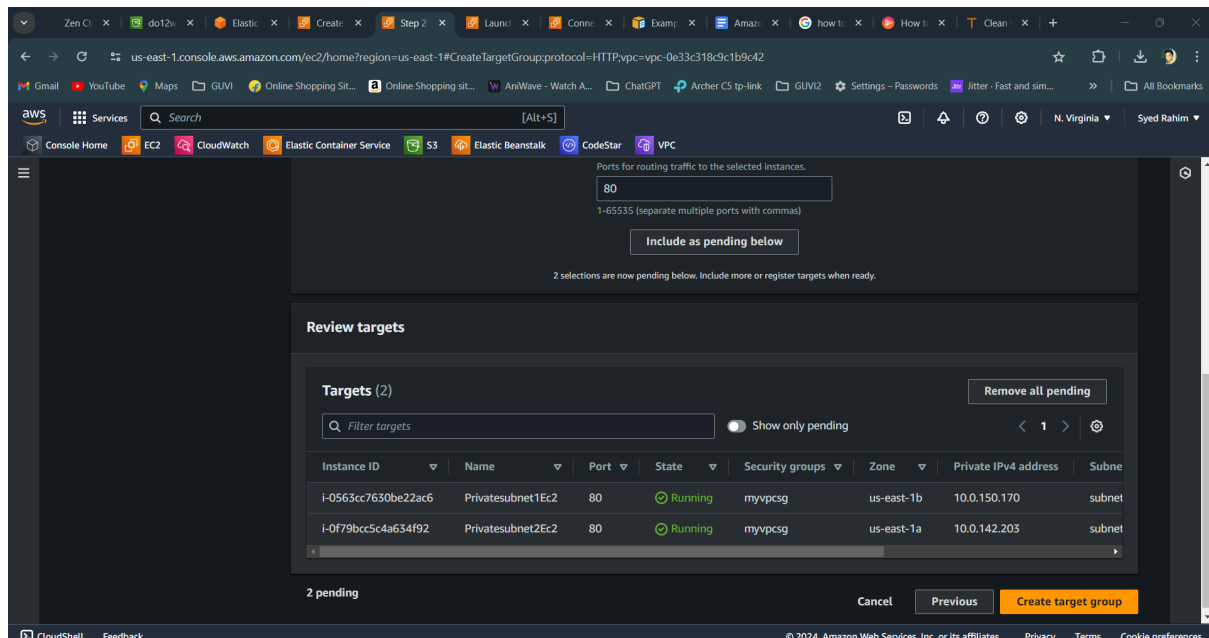
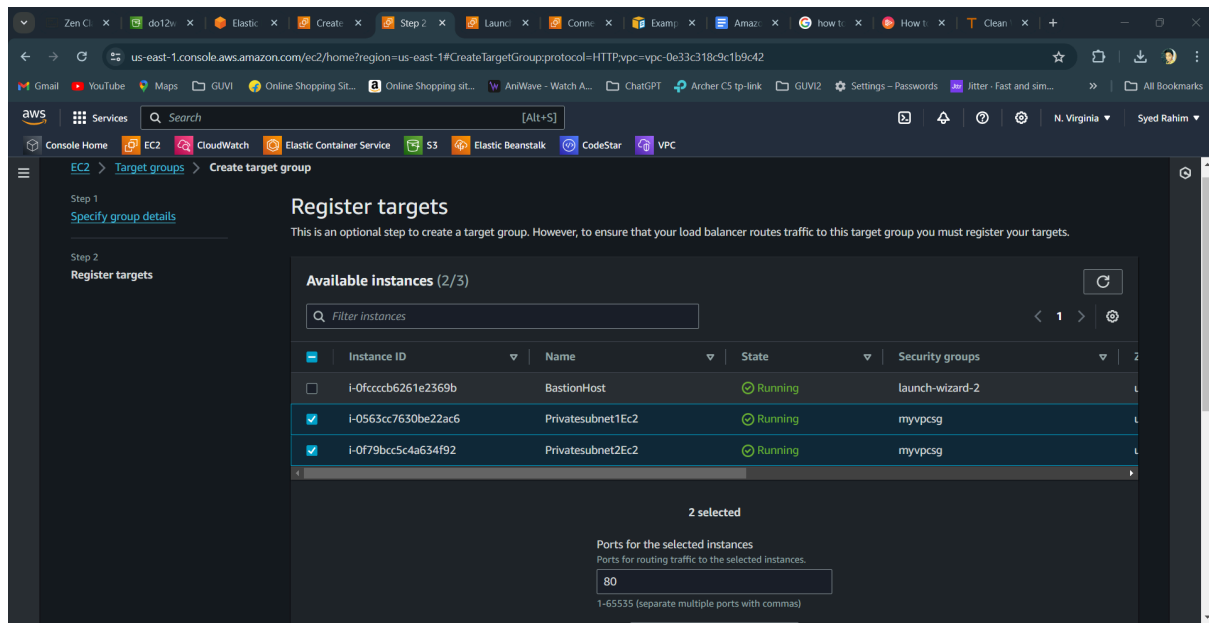
Step 4: Create Application Load balancer



Step 5: Select the newly created VPC → Tick mark both Mappings with both Public subnet → Create a new Security group or Select the already existing Security group → Listeners and routing (Target Group) as below



Step 6: Create Target group for both Private Subnet —> Click include as pending below —> Click create Target group



EC2 > Target groups

Target groups (1/1) Info

Filter target groups

<input checked="" type="checkbox"/>	Name	ARN	Port	Protocol	Target type	Load balancer
<input checked="" type="checkbox"/>	myTG	arn:aws:elasticloadbalanci...	80	HTTP	Instance	None associated

Target group: myTG

Details Targets Monitoring Health checks Attributes Tags

Details

arn:aws:elasticloadbalancing:us-east-1:704721325218:targetgroup/myTG/582fda75e5d4f2b9

Target type	Protocol : Port	Protocol version	VPC
Instance	HTTP: 80	HTTP1	vpc-0e33c318c9c1b9c42

Step 7: After creating and updating Target group —> Click on Create (Application) Load balancer

Internet-facing
IPv4

sg-0122f38b5ad063fe3

myvpcproject-vpc
Subnet not defined

Target group not defined

Service integrations Edit

AWS WAF: None
AWS Global Accelerator: None

Tags Edit

None

Attributes

Certain default attributes will be applied to your load balancer. You can view and edit them after creating the load balancer.

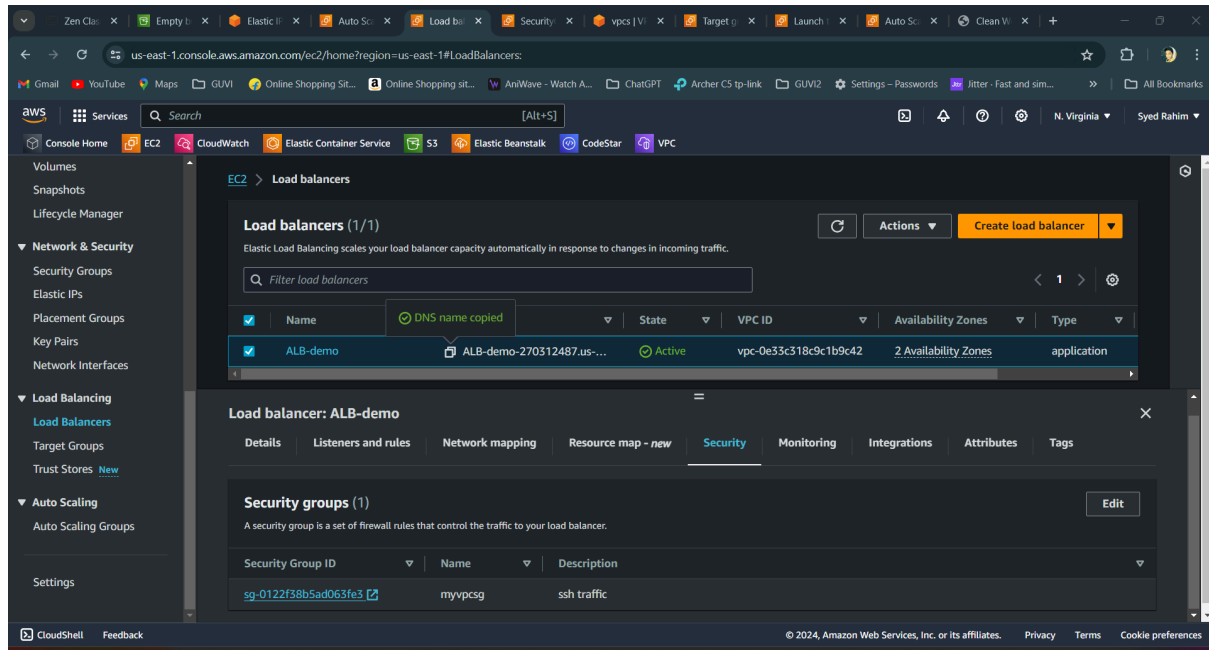
Creation workflow and status

► Server-side tasks and status

After completing and submitting the above steps, all server-side tasks and their statuses become available for monitoring.

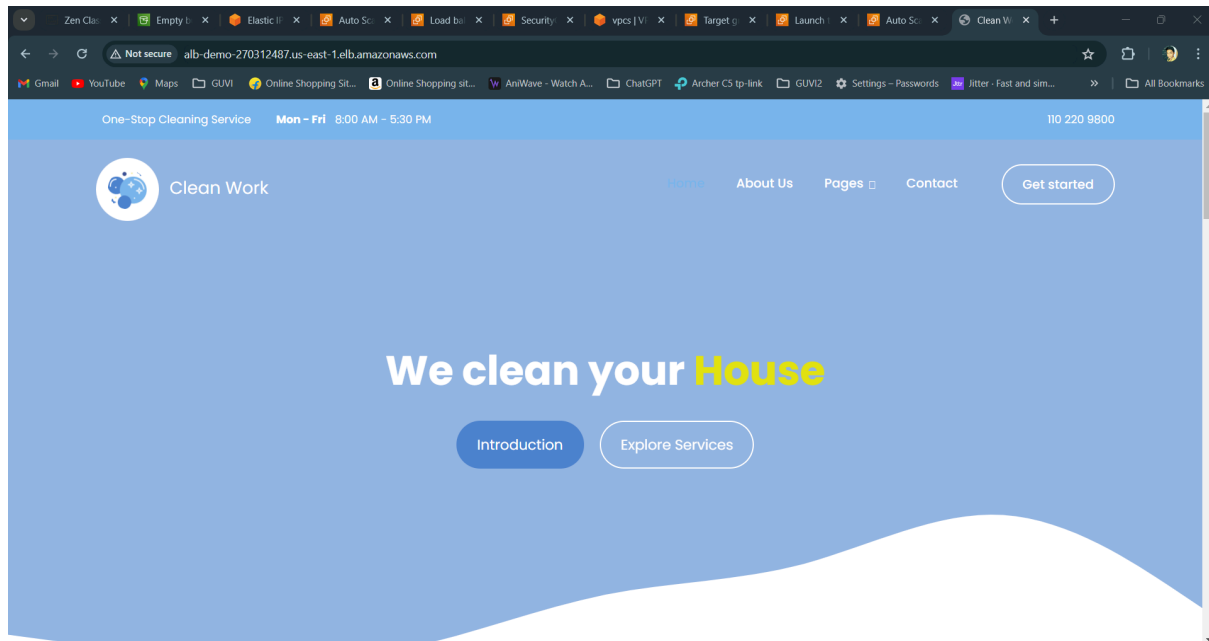
Cancel Create load balancer

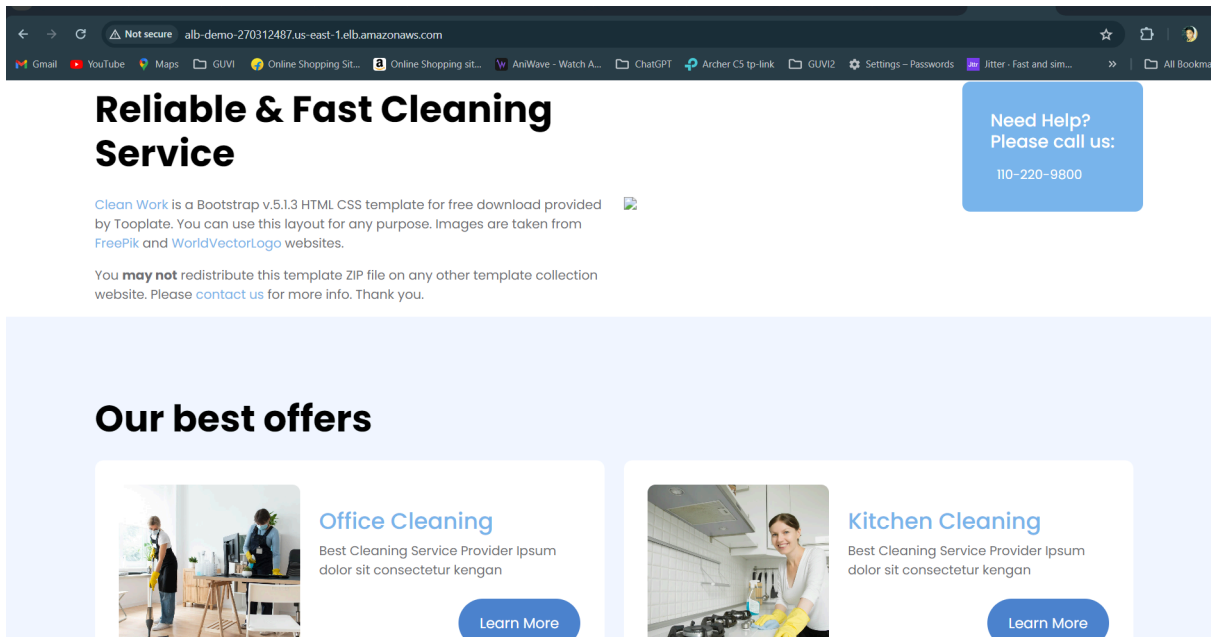
Step 8: Goto Load balancer and copy the DNS → search it in a new browser tab



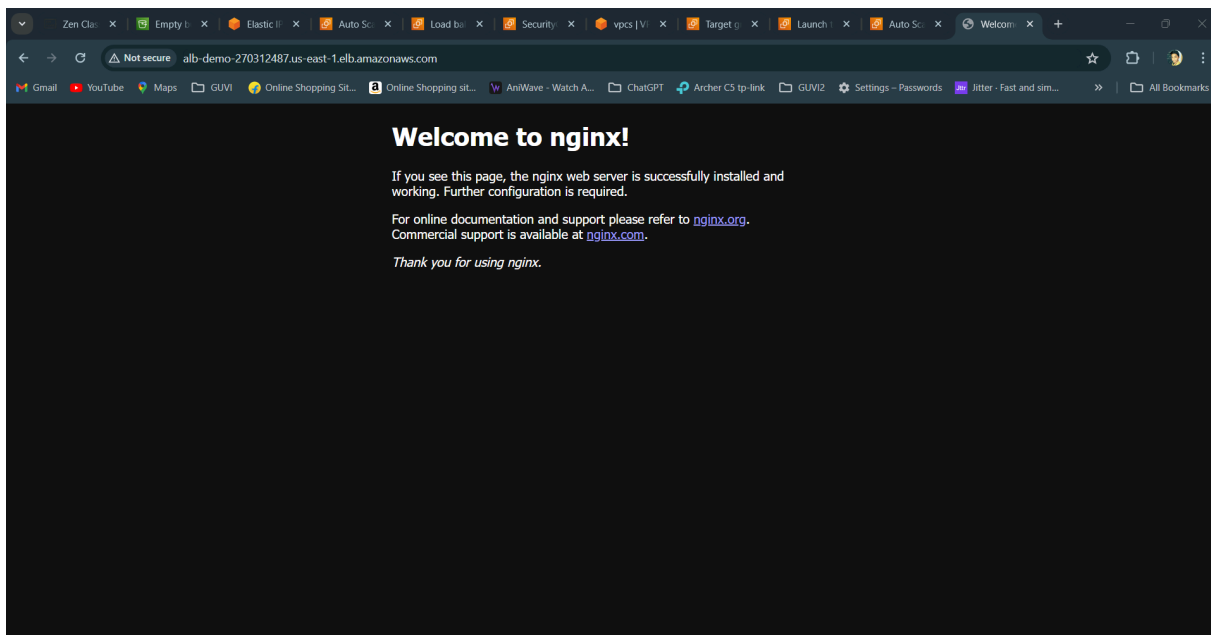
Step 9: Search results of Load balancer through IP address

a.





b.



Done.