

a) setup Elastic/Static IP address for any EC2 instance – linux

In Home Page Go to Network Settings and click on Elastic Ips.

A new page will be opened and then click on allocate Elastic IP address .

Click on Allocate Elastic IP address and then click on Allocate task.

Then it reloads the page and displays the Allocate Elastic IP address Successfully Message.

And my allocated IPV4 address is [13.53.117.182](#)

In Actions Select Associate Elastic IP Address Then select your Instance and click on Associate It shows IP Address Same as previous. [13.53.117.182](#)

Then again go to your instances and select your instance and reload it check whether the IP address changed or not.

Then you need to check your instance for that stop your instance and compare IP address Then start again.

b) setup EC2 launch template & auto scaling

Go to instances and then click on Launch Template then create.

Give Template name- MyLT

Instance Type t3. micro

Select security group as Launch-Wizard-1

Select User Data code and launch template.

Go to Templates and created template is visible.

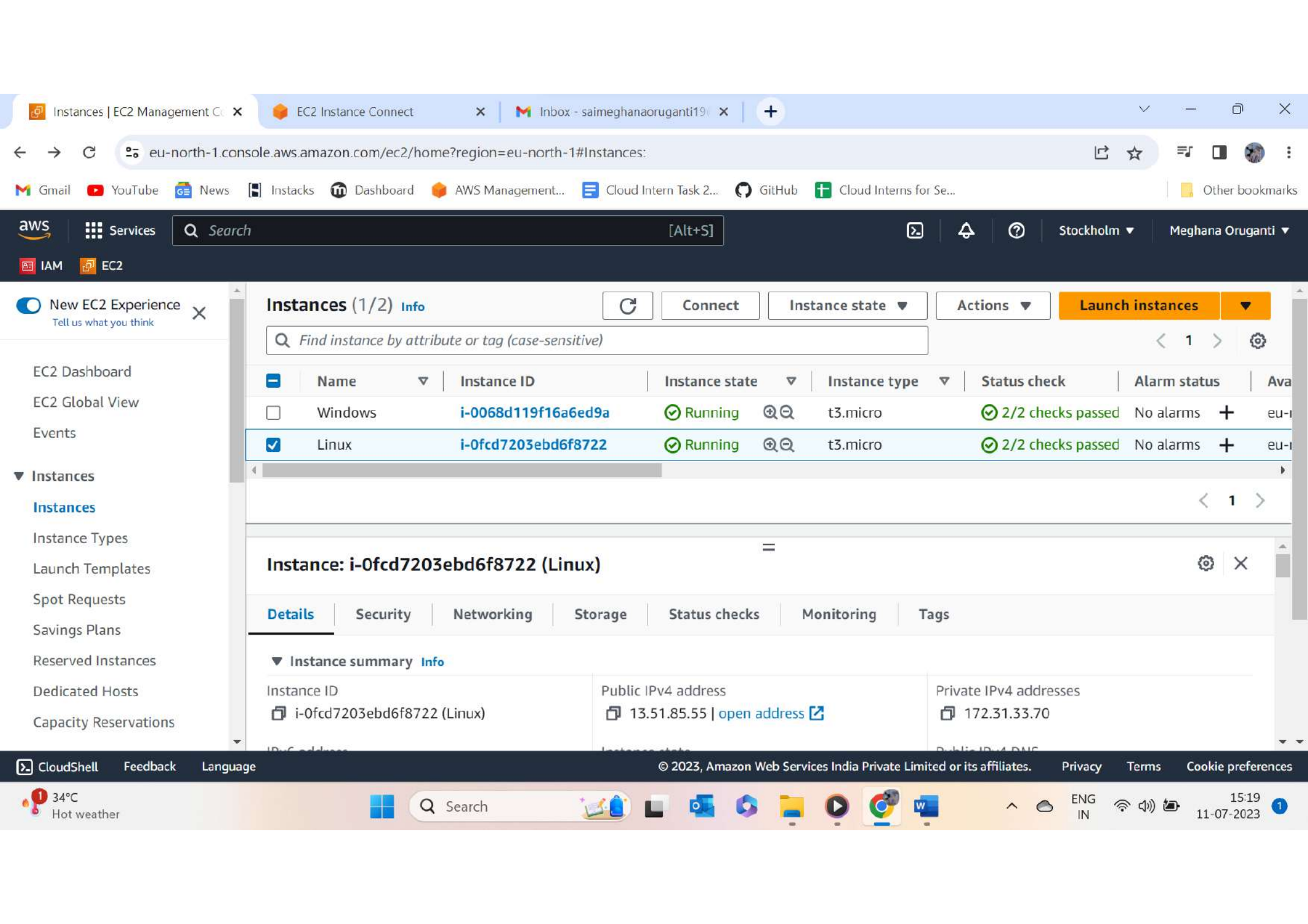
Then go to Auto Scaling and click on Auto Scaling Groups.

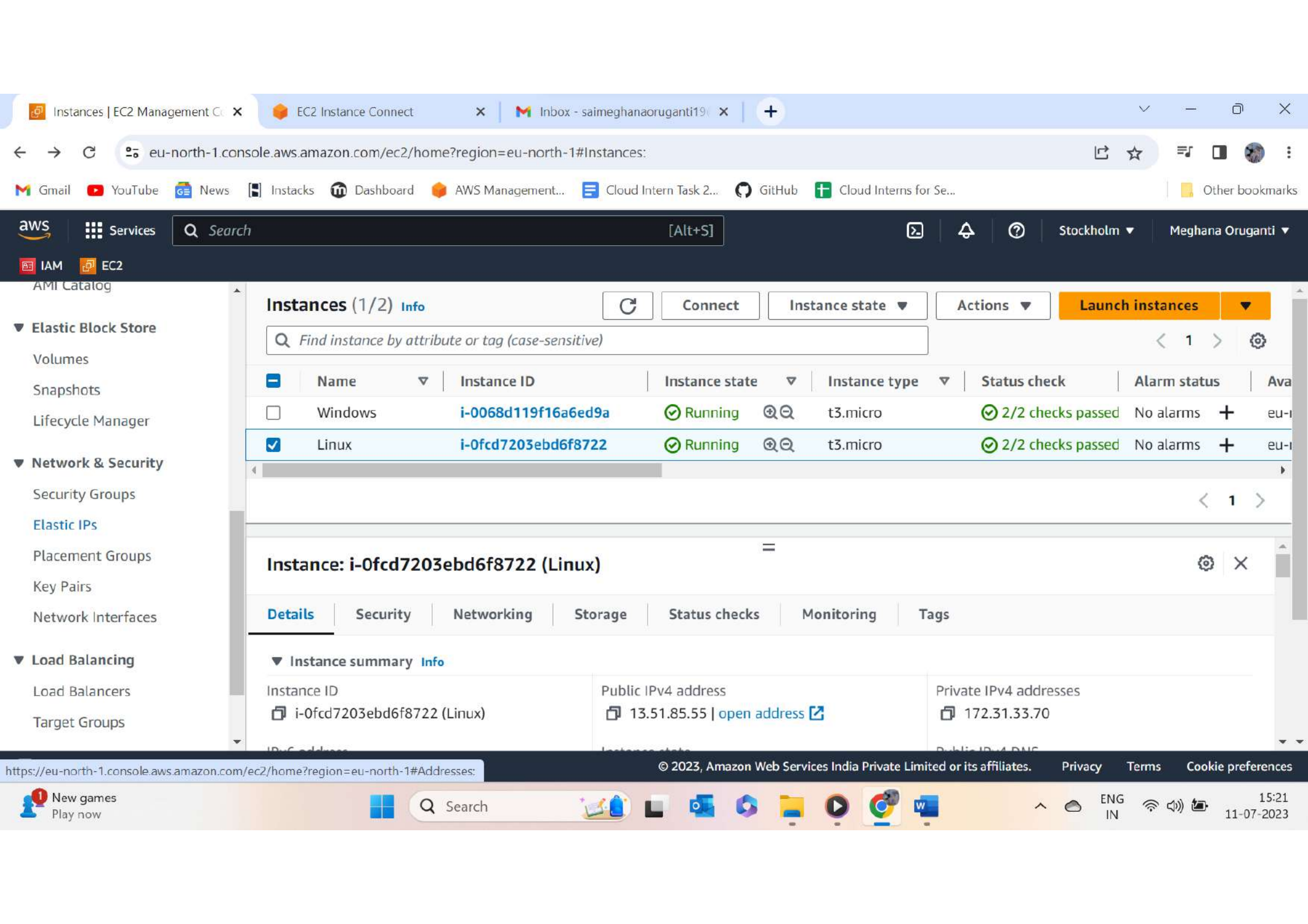
Click on create Auto Scaling Groups.

In Auto Scaling Groups select VPC and Availability Zones.

Change group size as 2 click on next.

Click on Auto scale created group then ASG successfully created.





Elastic IP addresses

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Actions ▾

Allocate Elastic IP address

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Filter Elastic IP addresses

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	Name ▾	Allocated IPv4 addr... ▾	Type ▾	Allocation ID ▾
<div> <div></div> <div></div> </div>				

Allocate Elastic IP address [Info](#)

Elastic IP address settings [Info](#)

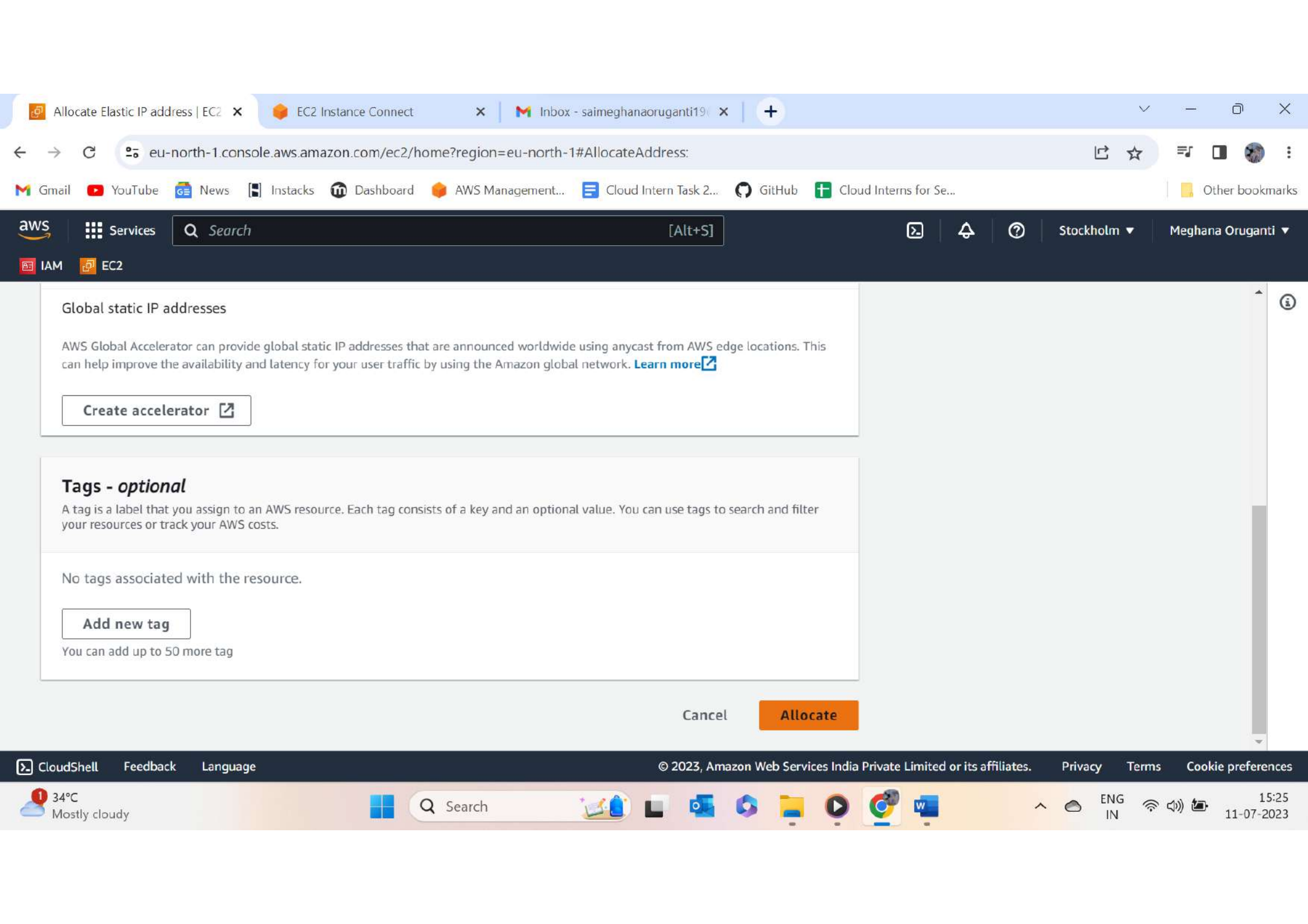
Network Border Group [Info](#)

eu-north-1 X

Public IPv4 address pool

- ☒ Amazon's pool of IPv4 addresses
- ☐ Public IPv4 address that you bring to your AWS account (option disabled because no pools found) [Learn more](#)
- ☐ Customer owned pool of IPv4 addresses (option disabled because no customer owned pools found) [Learn more](#)

Global static IP addresses



Elastic IP address allocated successfully.
Elastic IP address 13.53.117.182

Associate this Elastic IP address

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Elastic IP addresses (1/1)

Actions ▾

Allocate Elastic IP address

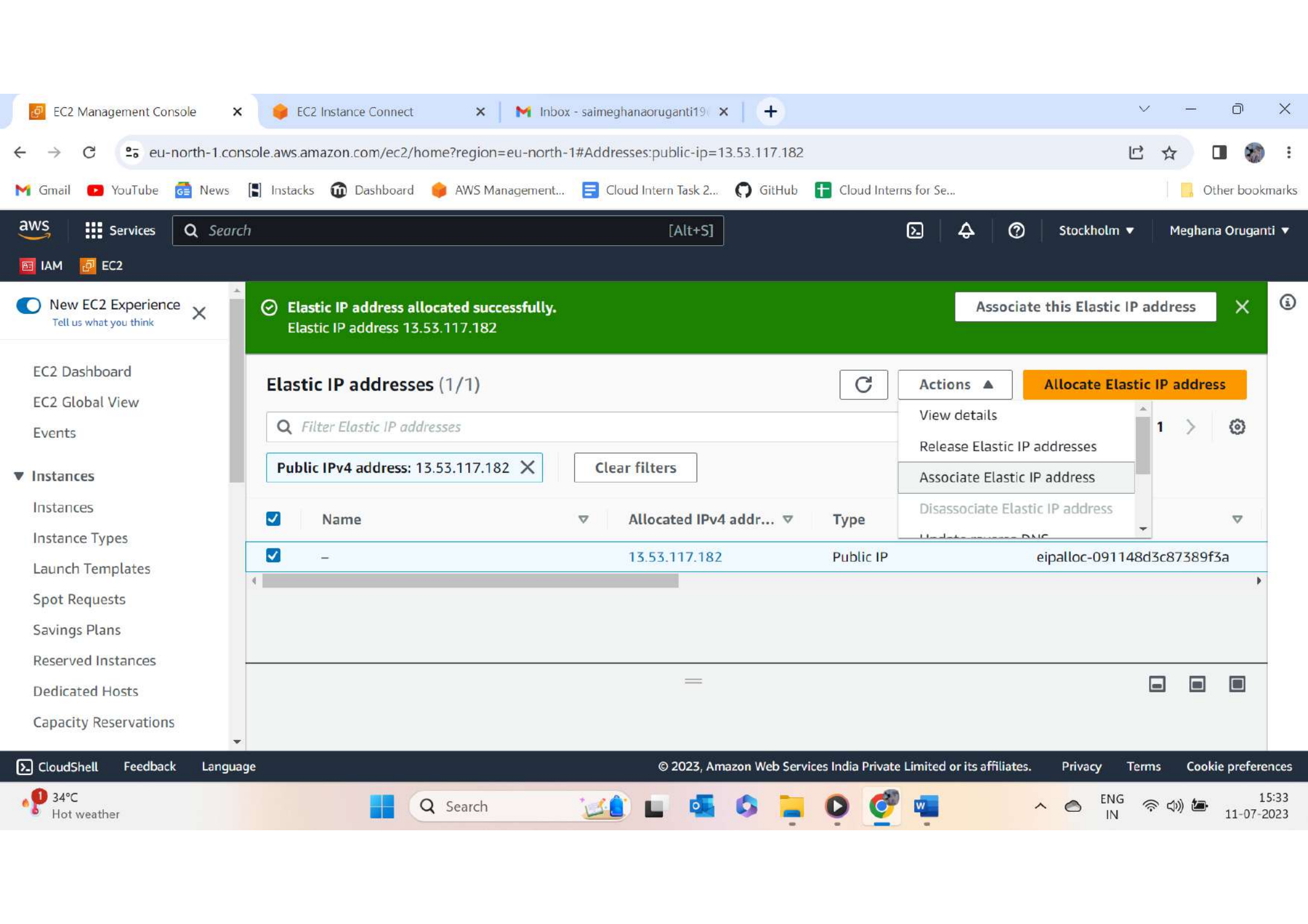
Filter Elastic IP addresses

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Public IPv4 address: 13.53.117.182 ✕

Clear filters

<input checked="" type="checkbox"/>	Name ▾	Allocated IPv4 addr... ▾	Type ▾	Allocation ID ▾
<input checked="" type="checkbox"/>	-	13.53.117.182	Public IP	eipalloc-091148d3c87389f3a



Elastic IP address allocated successfully.
Elastic IP address 13.53.117.182

Associate this Elastic IP address

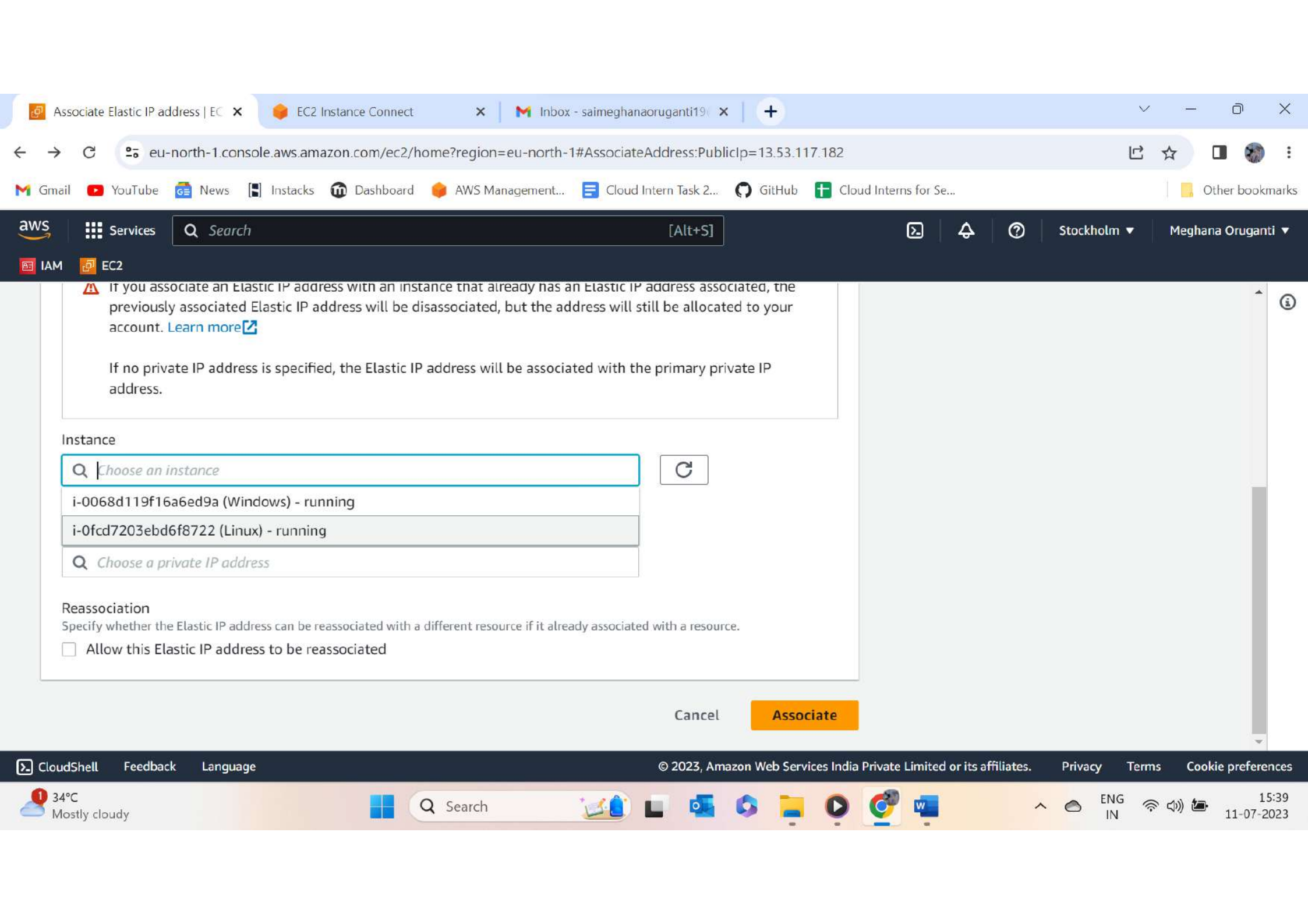
Elastic IP addresses (1/1)

Filter Elastic IP addresses

Public IPv4 address: 13.53.117.182

Clear filters

<input checked="" type="checkbox"/>	Name	Allocated IPv4 addr...	Type	
<input checked="" type="checkbox"/>	-	13.53.117.182	Public IP	eipalloc-091148d3c87389f3a



⚠ If you associate an Elastic IP address with an instance that already has an Elastic IP address associated, the previously associated Elastic IP address will be disassociated, but the address will still be allocated to your account. [Learn more](#)

If no private IP address is specified, the Elastic IP address will be associated with the primary private IP address.

Instance

Choose an instance



Private IP address

The private IP address with which to associate the Elastic IP address.

Choose a private IP address

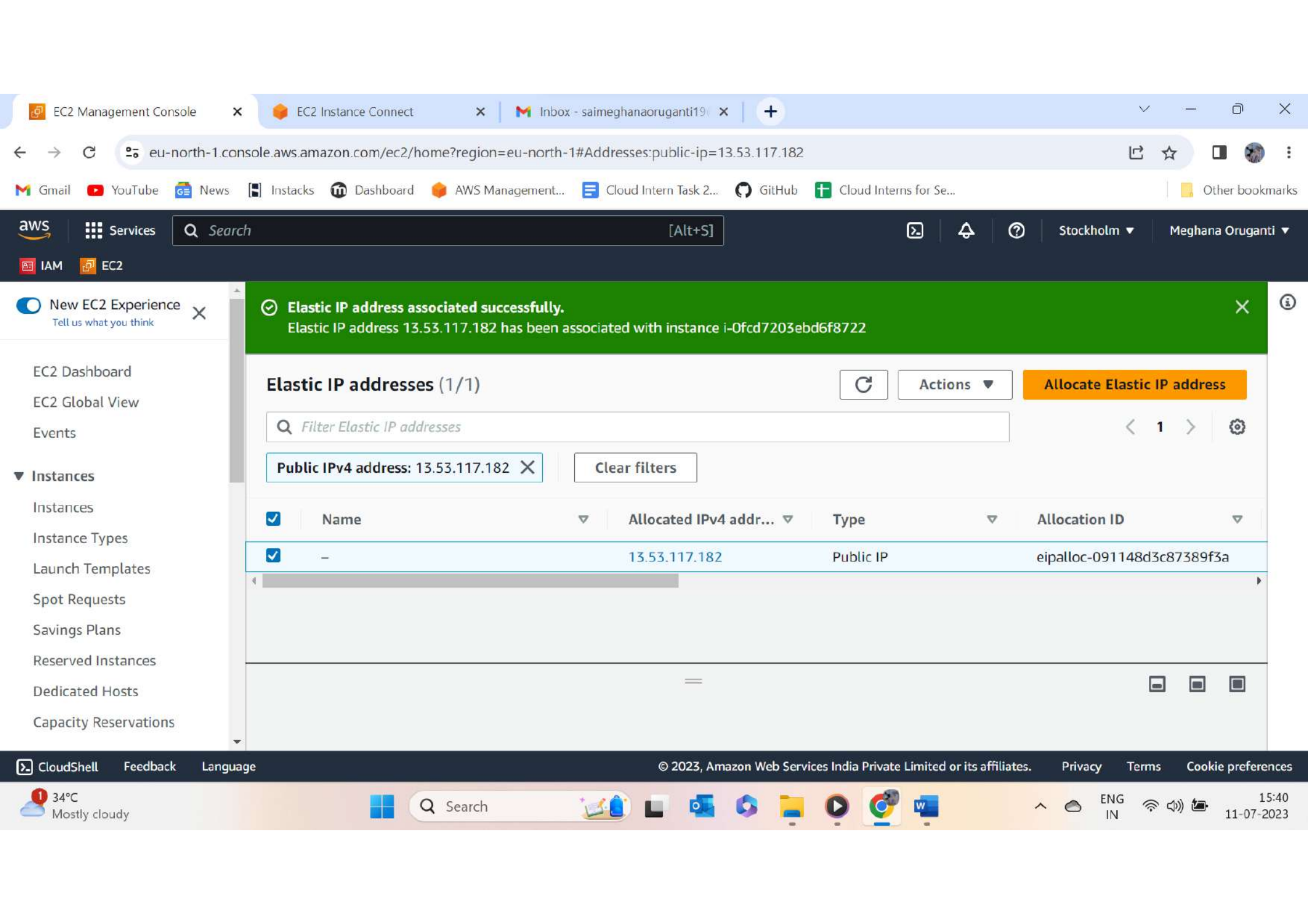
Reassociation

Specify whether the Elastic IP address can be reassociated with a different resource if it already associated with a resource.

☐ Allow this Elastic IP address to be reassociated

Cancel

Associate



Elastic IP addresses (1/1)



Actions ▾

Allocate Elastic IP address

🔍 Filter Elastic IP addresses

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Public IPv4 address: 13.53.117.182 ✕

Clear filters

<input checked="" type="checkbox"/>	Name ▾	Allocated IPv4 addr... ▾	Type ▾	Allocation ID ▾
<input checked="" type="checkbox"/>	-	13.53.117.182	Public IP	eipalloc-091148d3c87389f3a



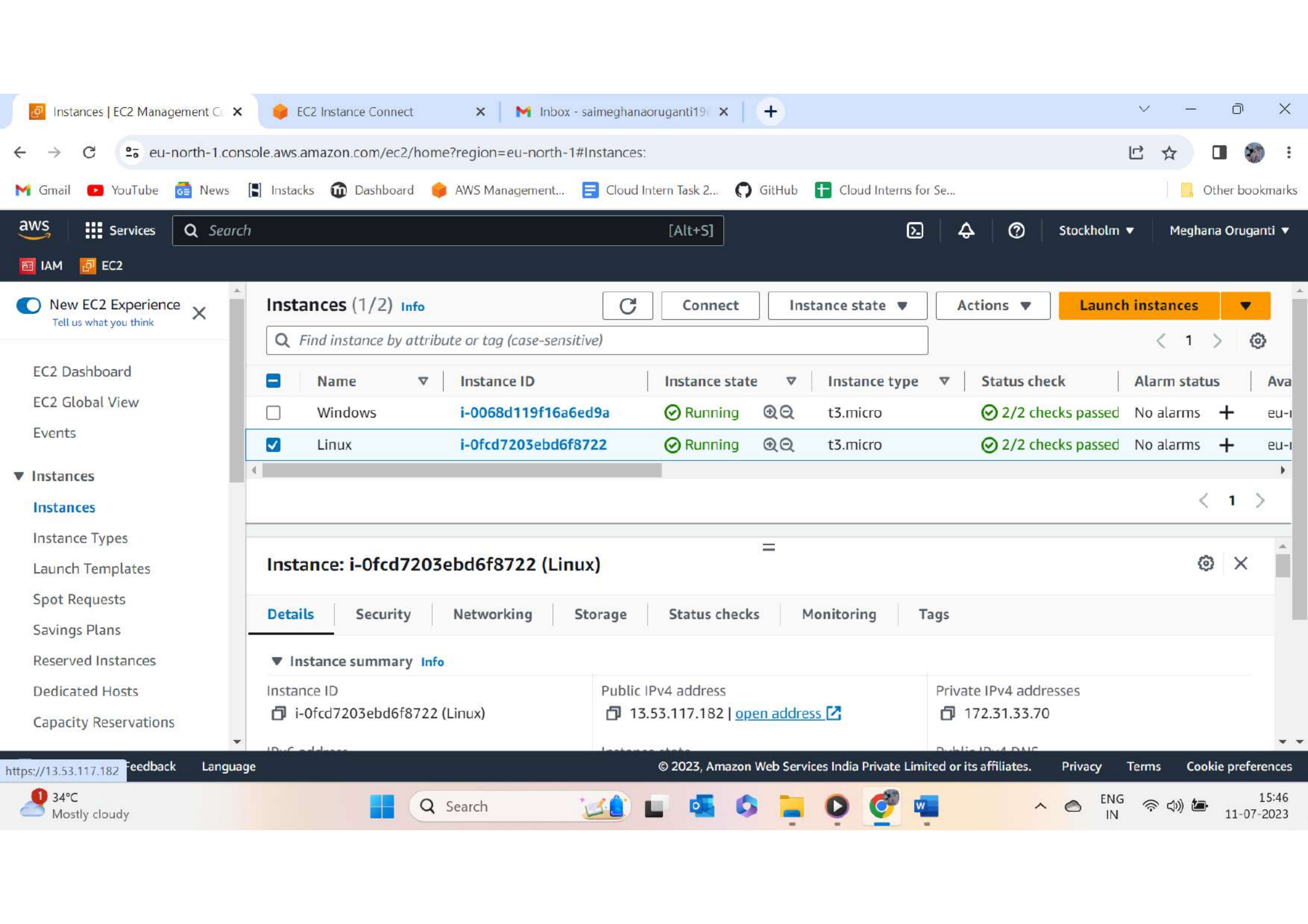
Elastic IP addresses (1/1)

🔍 *Filter Elastic IP addresses*

Public IPv4 address: 13.53.117.182 ✕

Clear filters

<input checked="" type="checkbox"/>	Name	Allocated IPv4 addr...	Type	Allocation ID
<input checked="" type="checkbox"/>	-	13.53.117.182	Public IP	eipalloc-091148d3c87389f3a



- New EC2 Experience Tell us what you think
- EC2 Dashboard
- EC2 Global View
- Events
- Instances
- Instances
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

Instances (1/2) Info

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Ava
<input type="checkbox"/>	Windows	i-0068d119f16a6ed9a	Running	t3.micro	2/2 checks passed	No alarms	eu-i
<input checked="" type="checkbox"/>	Linux	i-0fcd7203ebd6f8722	Running	t3.micro	2/2 checks passed	No alarms	eu-i

Instance: i-0fcd7203ebd6f8722 (Linux)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID

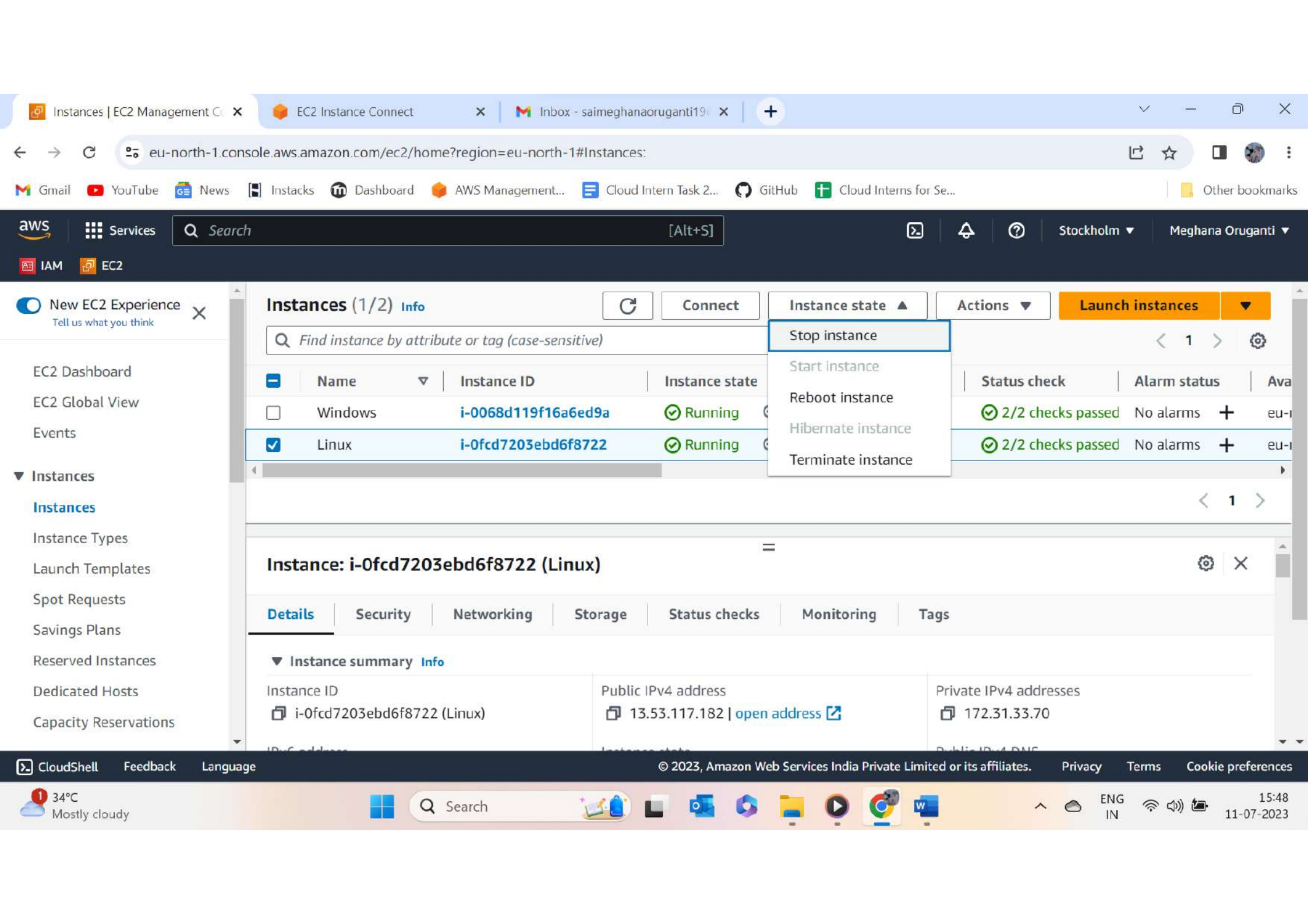
i-0fcd7203ebd6f8722 (Linux)

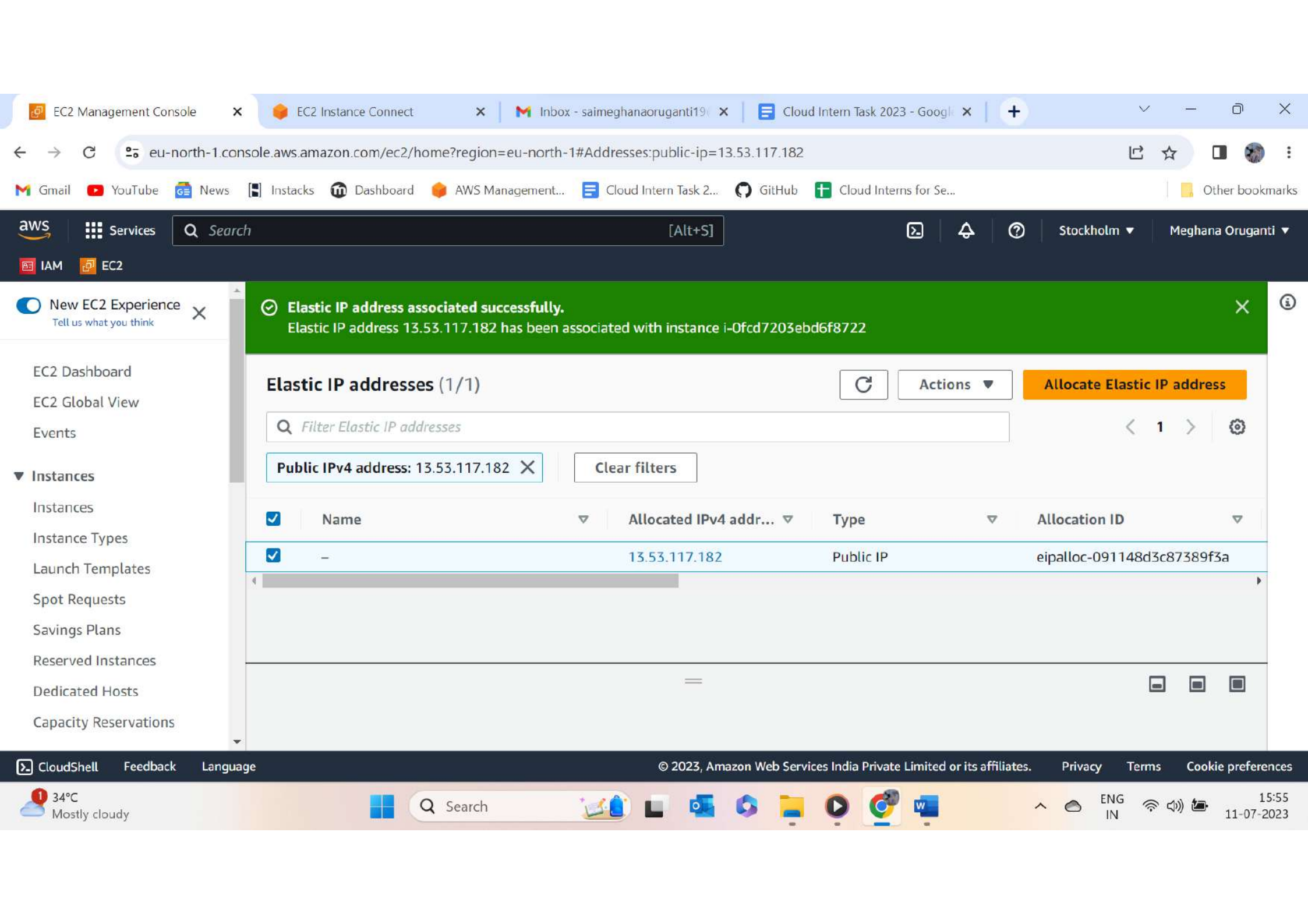
Public IPv4 address

13.53.117.182 | open address

Private IPv4 addresses

172.31.33.70





- EC2 Dashboard
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- Instances
- Instances
- Instance Types
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Elastic IP address associated successfully.
Elastic IP address 13.53.117.182 has been associated with instance i-Ofcd7203ebd6f8722

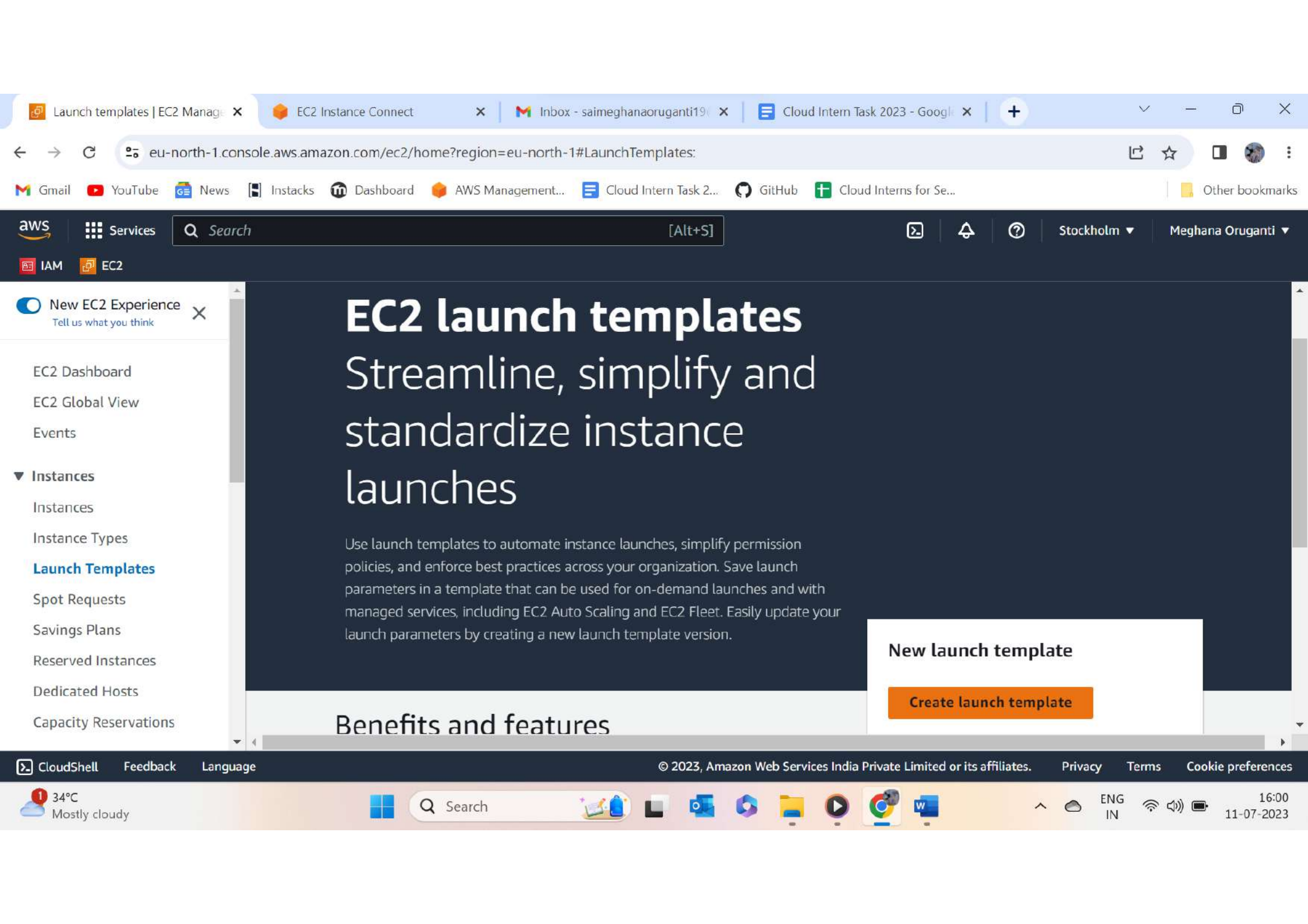
Elastic IP addresses (1/1)

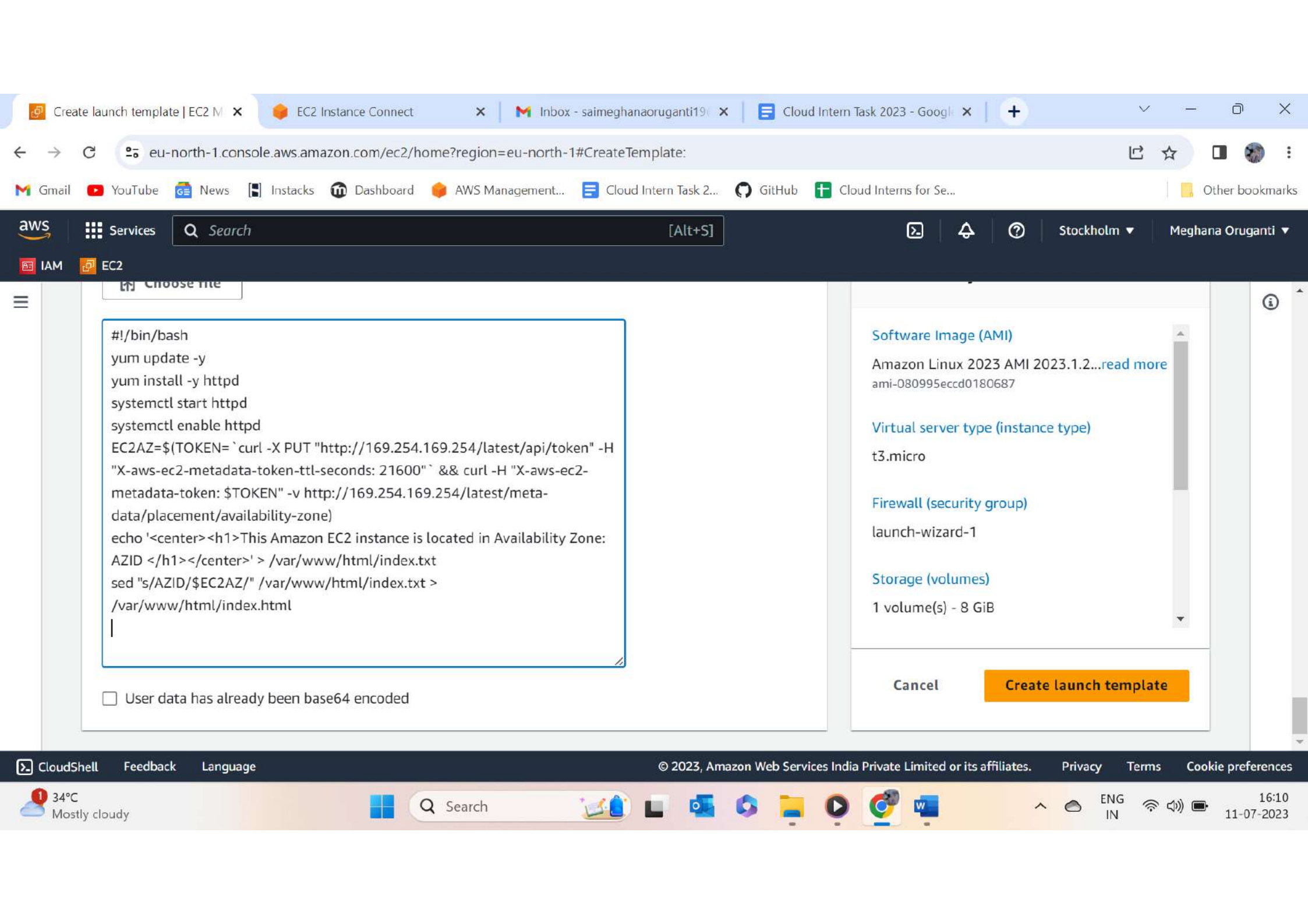
Filter Elastic IP addresses

Public IPv4 address: 13.53.117.182

Clear filters

	Name	Allocated IPv4 addr...	Type	Allocation ID
<input checked="" type="checkbox"/>	-	13.53.117.182	Public IP	eipalloc-091148d3c87389f3a







Success

Successfully created [MyLT \(lt-02ec64fa6e68de4b1\)](#)

► Actions log

Next steps


Launch an instance


With On-Demand Instances, you pay for compute capacity by the second (for Linux, with a minimum of 60 seconds) or by the hour (for all other operating systems) with no long-term commitments or upfront payments. Launch an On-Demand Instance from your launch template.

[Launch instance from this template](#)

Create an Auto Scaling group from your template



Amazon EC2 Auto Scaling helps you maintain application availability and allows you to scale your Amazon EC2 capacity up or down automatically according to

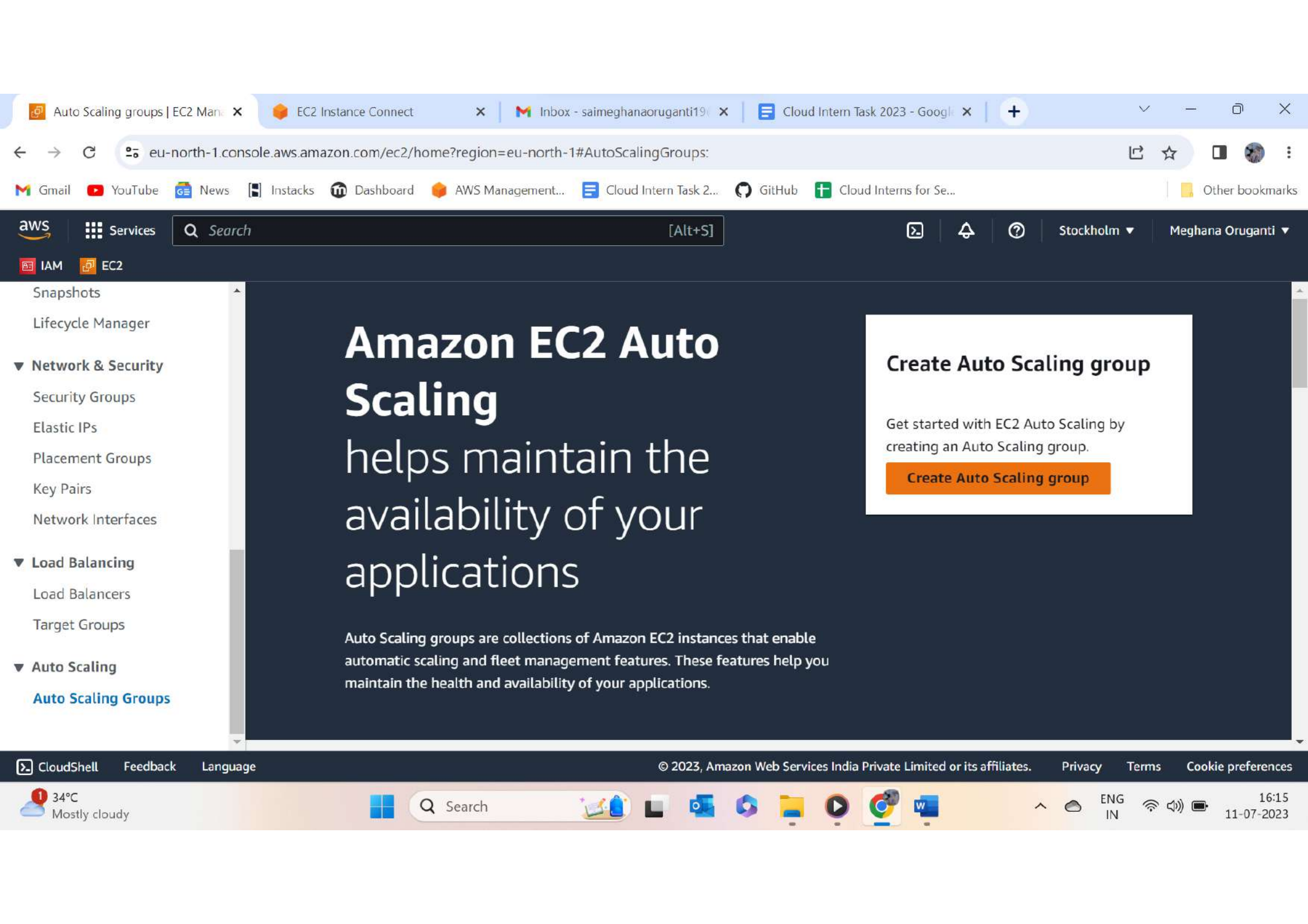
Launch templates (1) [Info](#)  **Actions** ▾ [Create launch template](#)

< 1 > 

	Launch template ID ▾	Launch template name ▾	Default version
<input type="radio"/>	lt-02ec64fa6e68de4b1	MyLT	1

Select a launch template



Default (1)

