

# CLOUD COMPUTING

## (Task-2)

### STEPS:

- 1.Type EC2 in search Bar and add it into Bookmark.
- 2.Click on Launch Instance and name the Instance.
- 3.Select the image for your Instance.
- 4.Now in AMI (Amazon Machine Image) click Free Tier and give Architecture size as 64.
- 5.After Scroll Down -> Key Pair Login -> Create a new Pair.
- 6.Now insert the key pair name then it will be created.
- 7.In configure storage the valued can be 1\*30 GIB gp3.
- 8.In the summary we can observe the changes and click on launch instance.
- 9.Now the left side clicking on instance you can visible your created instance.
- 10.Connect to Instance (Don't make any changes).
- 12.Check Instance is working or not by clicking home page.

O. Meghana

07/07/23

## Console Home [Info](#)

Reset to default layout

+ Add widgets

### Recently visited [Info](#)

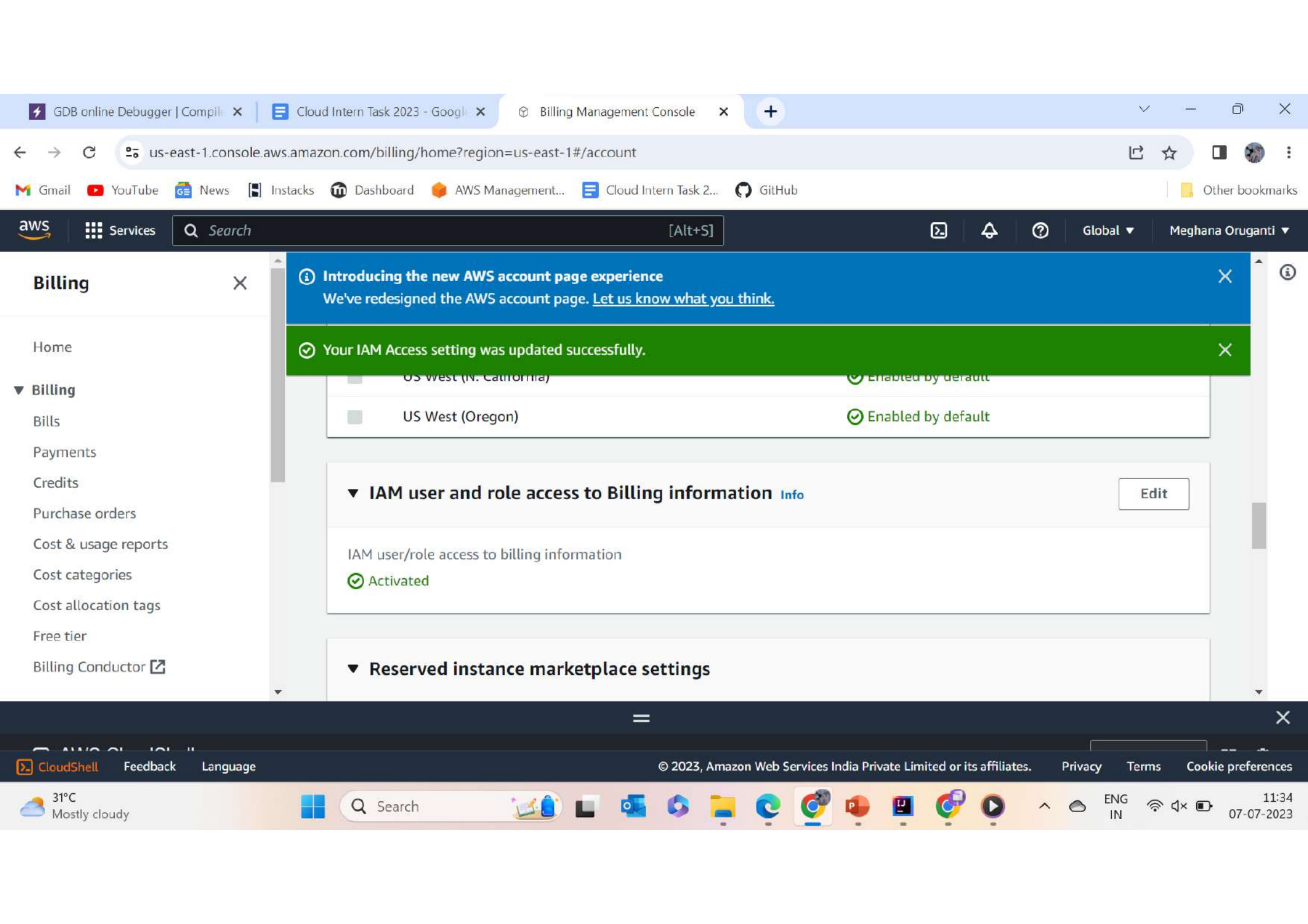


CloudShell



AWS Organizations





## Billing

Home

### Billing

Bills

Payments

Credits

Purchase orders

Cost & usage reports

Cost categories

Cost allocation tags

Free tier

Billing Conductor

**Introducing the new AWS account page experience**  
We've redesigned the AWS account page. [Let us know what you think.](#)

**Your IAM Access setting was updated successfully.**

☐ US West (N. California)

Enabled by default

☐ US West (Oregon)

Enabled by default

### IAM user and role access to Billing information

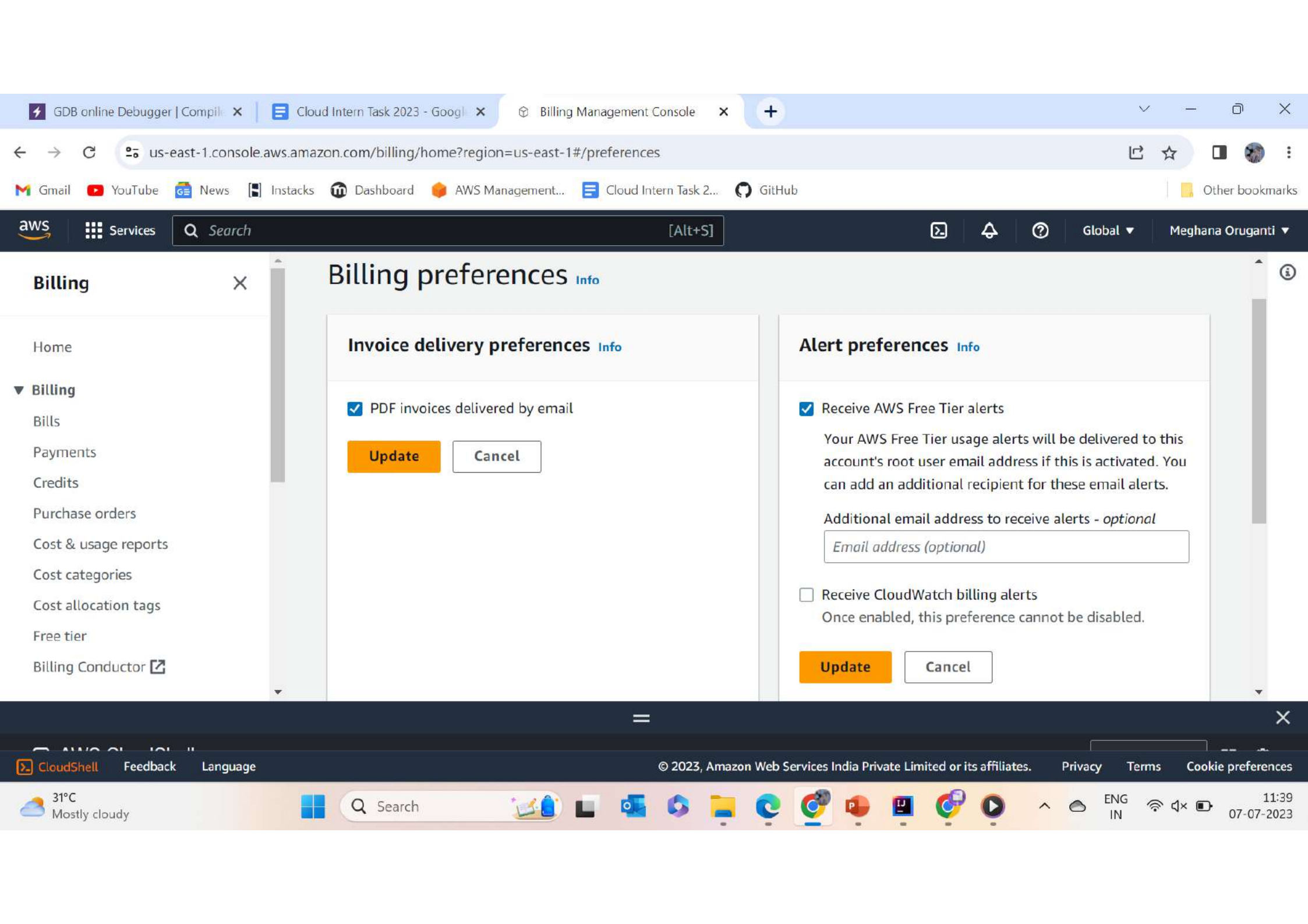
Edit

IAM user/role access to billing information

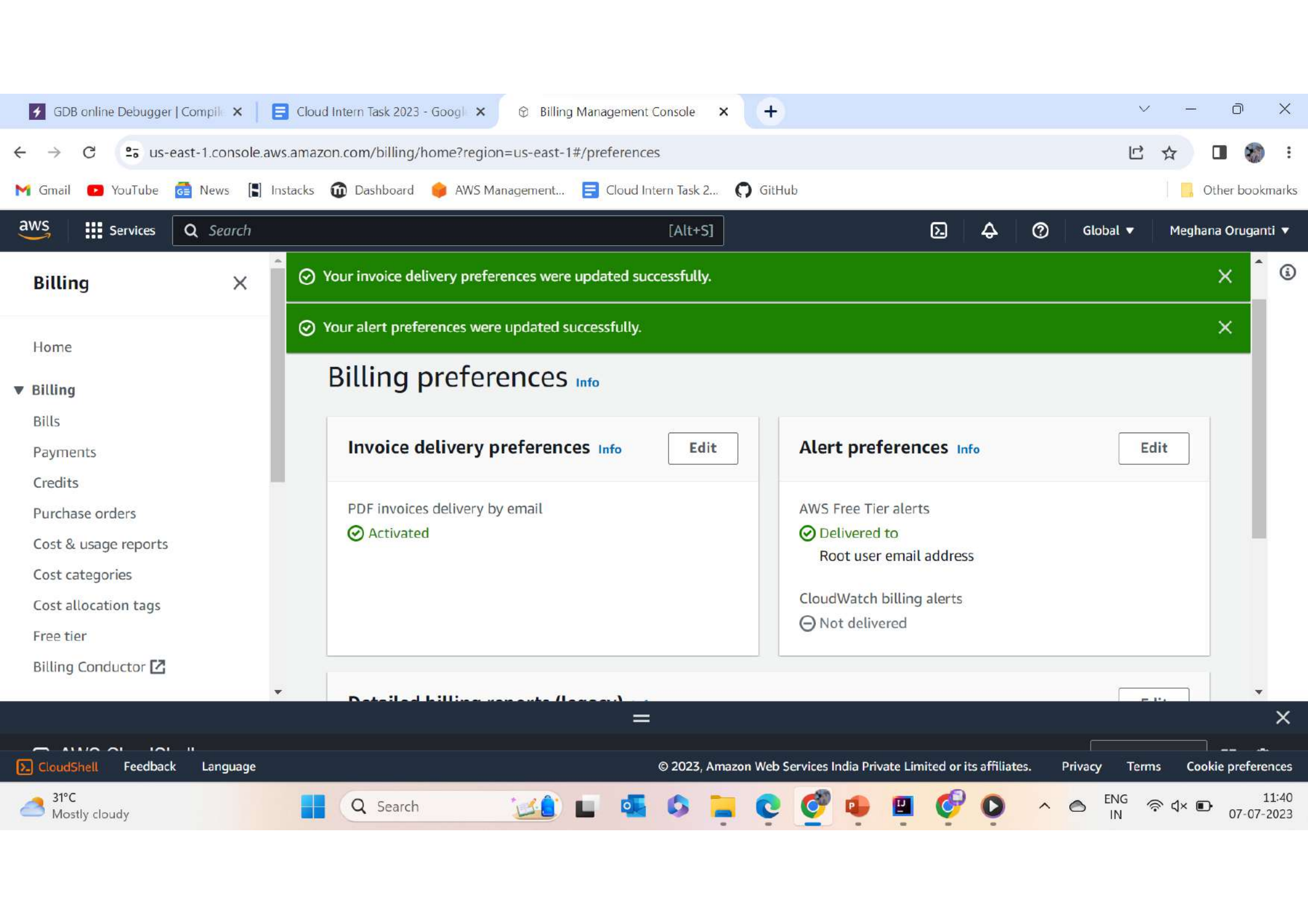
Activated

### Reserved instance marketplace settings









Billing

- Home
Billing
Bills
Payments
Credits
Purchase orders
Cost & usage reports
Cost categories
Cost allocation tags
Free tier
Billing Conductor

Your invoice delivery preferences were updated successfully.

Your alert preferences were updated successfully.

Billing preferences

Invoice delivery preferences

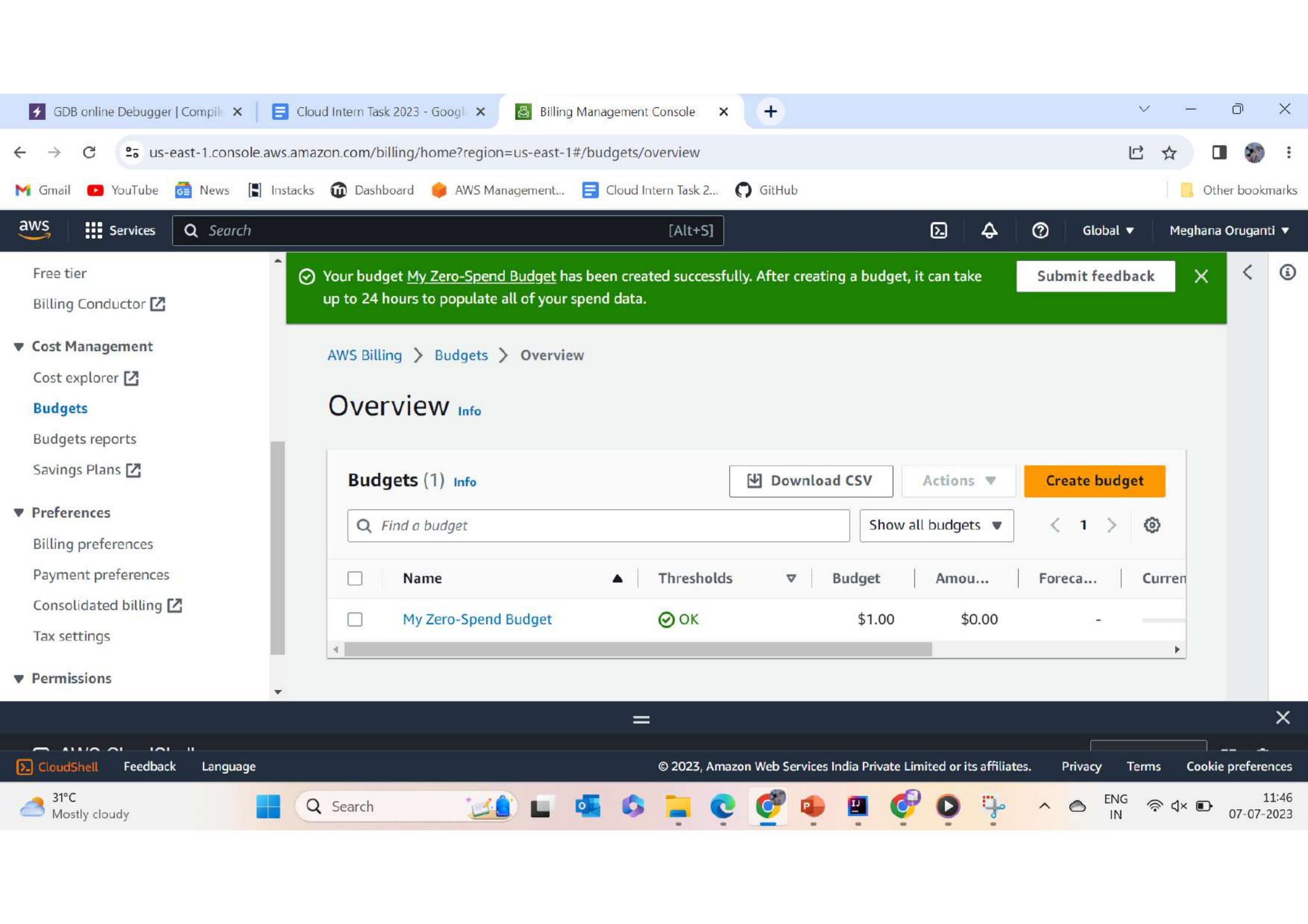
Edit

PDF invoices delivery by email
Activated

Alert preferences

Edit

AWS Free Tier alerts
Delivered to Root user email address
CloudWatch billing alerts
Not delivered



Free tier  
Billing Conductor

Cost Management

Cost explorer

Budgets

Budgets reports

Savings Plans

Preferences

Billing preferences

Payment preferences

Consolidated billing

Tax settings

Permissions

Your budget [My Zero-Spend Budget](#) has been created successfully. After creating a budget, it can take up to 24 hours to populate all of your spend data.

Submit feedback

AWS Billing > Budgets > Overview

Overview

Budgets (1)

Download CSV

Actions

Create budget

Find a budget

Show all budgets

1

<input type="checkbox"/>	Name	Thresholds	Budget	Amou...	Foreca...	Current
<input type="checkbox"/>	<a href="#">My Zero-Spend Budget</a>	OK	\$1.00	\$0.00	-	

GDB online Debugger | Compile x Cloud Intern Task 2023 - Google x IAM Management Console x

us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/home

Gmail YouTube News Instacks Dashboard AWS Management... Cloud Intern Task 2... GitHub

Other bookmarks

aws

Services

Search [Alt+S]

Global Meghana Oruganti

IAM

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

IAM dashboard

Security recommendations 1

Add MFA for root user

Add MFA for root user - Enable multi-factor authentication (MFA) for the root user to improve security for this account.

Add MFA

Root user has no active access keys

Using access keys attached to an IAM user instead of the root user improves security.

IAM resources

User groups0

Users0

Roles2

Policies0

Identity providers0

AWS Account

Account ID

120200897507

Account Alias

120200897507

Sign-in URL for IAM account

https://120200897507.console.aws.amazon.com/iamv2/home?region=us-east-1#/home

Quick Links

CloudShell Feedback Language

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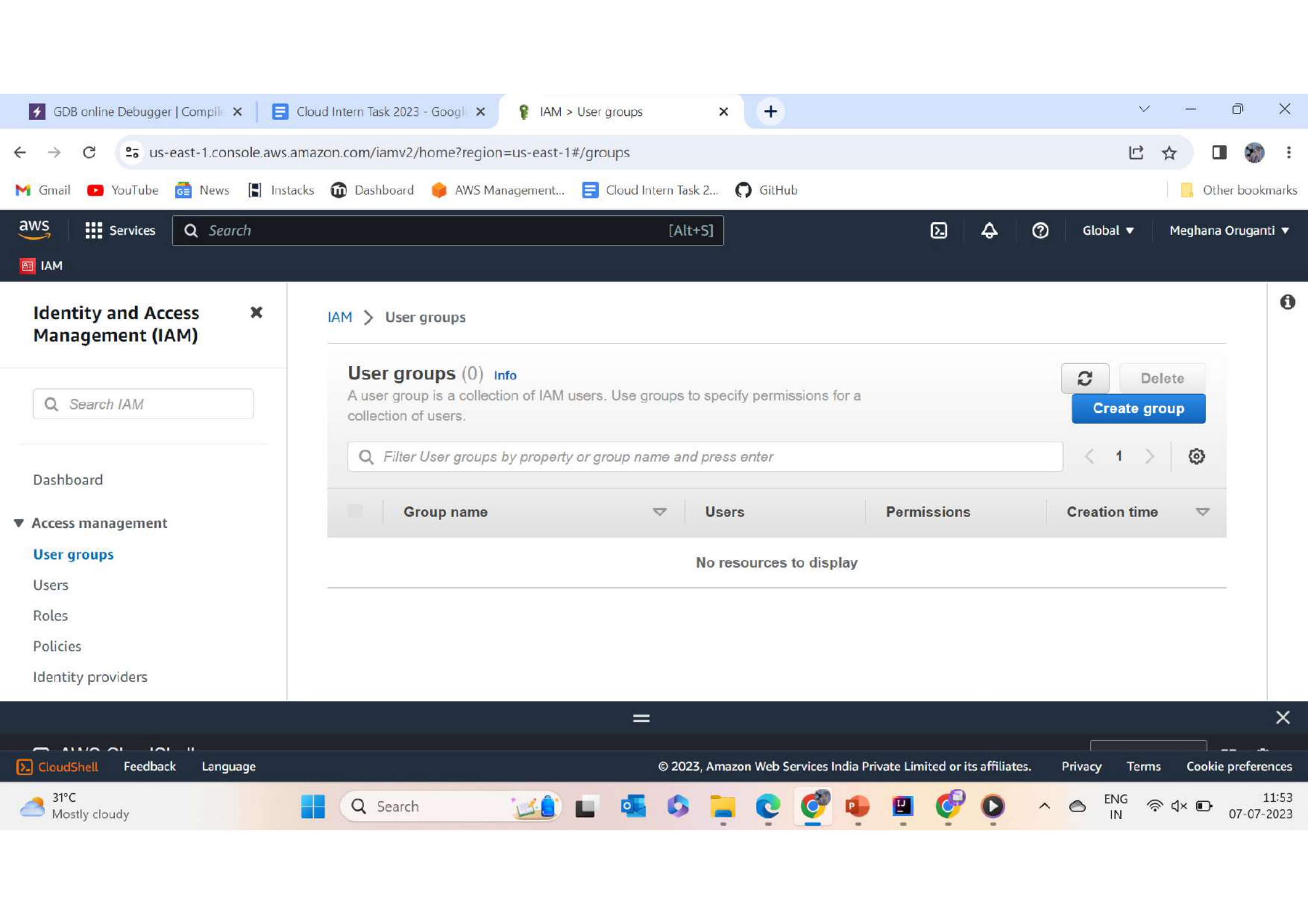
31°C Mostly cloudy

Search

Taskbar icons

11:52 07-07-2023





**Name the group**

Enter a meaningful name to identify this group.

Maximum 128 characters. Use alphanumeric and '+,=,@-\_' characters.

22

## Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles
- Policies
- Identity providers

Admin user group created. View group

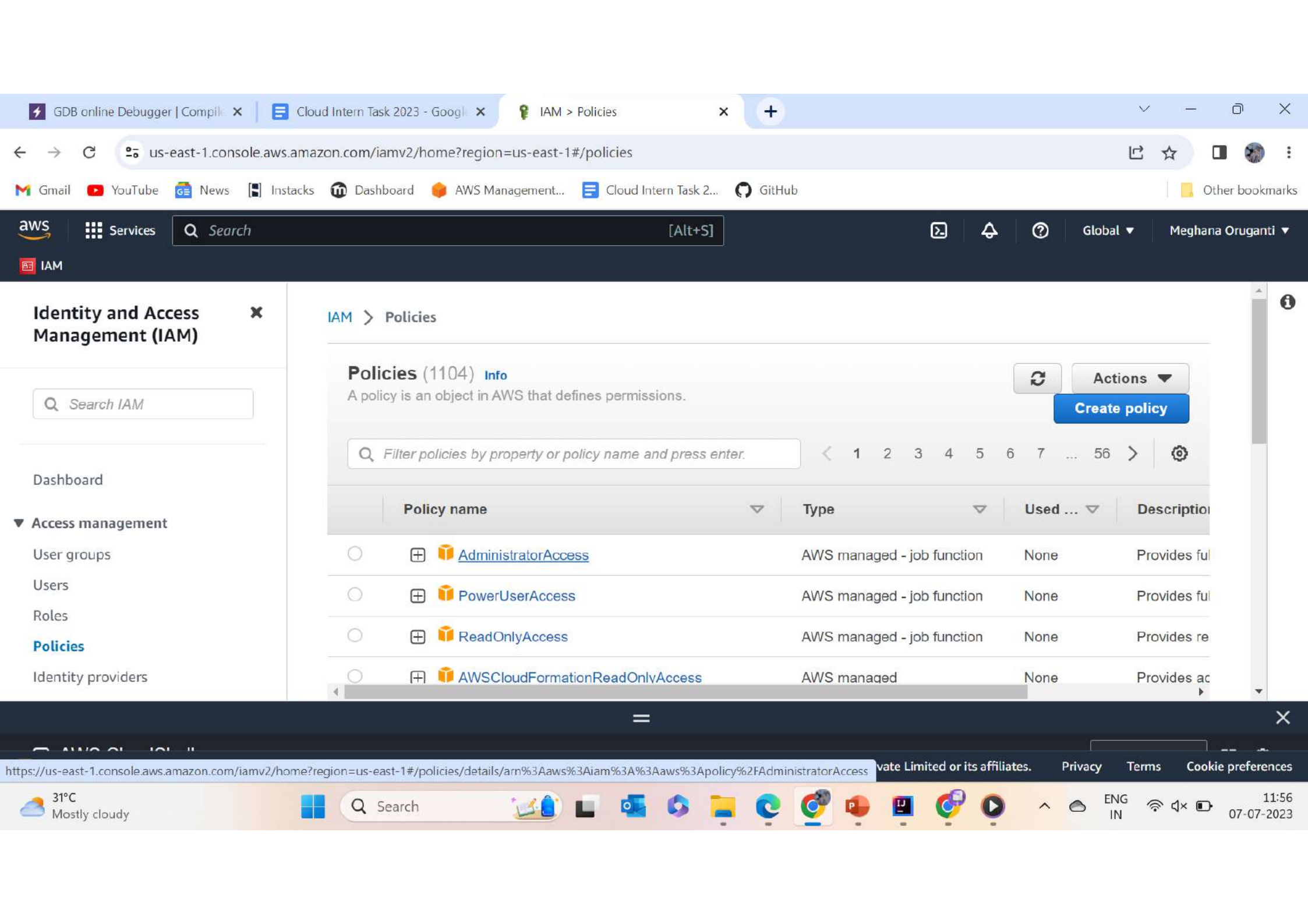
### IAM > User groups

User groups (1) Info

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Filter User groups by property or group name and press enter

	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	Admin	0	Not defined	Now





Identity and Access Management (IAM) x

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

IAM > Policies > AdministratorAccess

AdministratorAccess

Provides full access to AWS services and resources.

Policy details

Type	Creation time	Edited time	ARN
AWS managed - job function	February 07, 2015, 00:09 (UTC+05:30)	February 07, 2015, 00:09 (UTC+05:30)	arn:aws:iam::aws:policy/AdministratorAccess

Permissions Entities attached Policy versions Access Advisor

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

IAM > Users

Users (0) Info

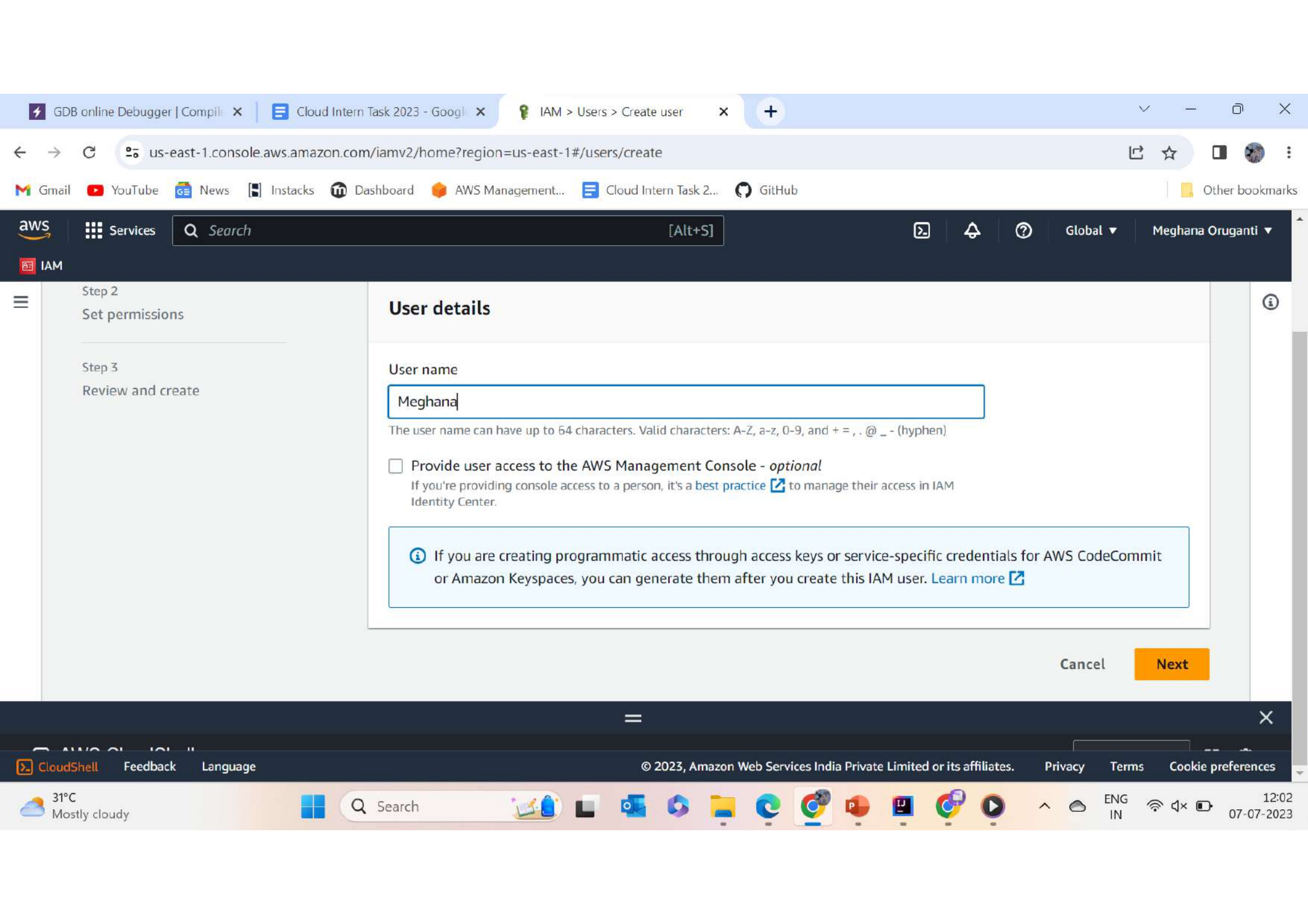
An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

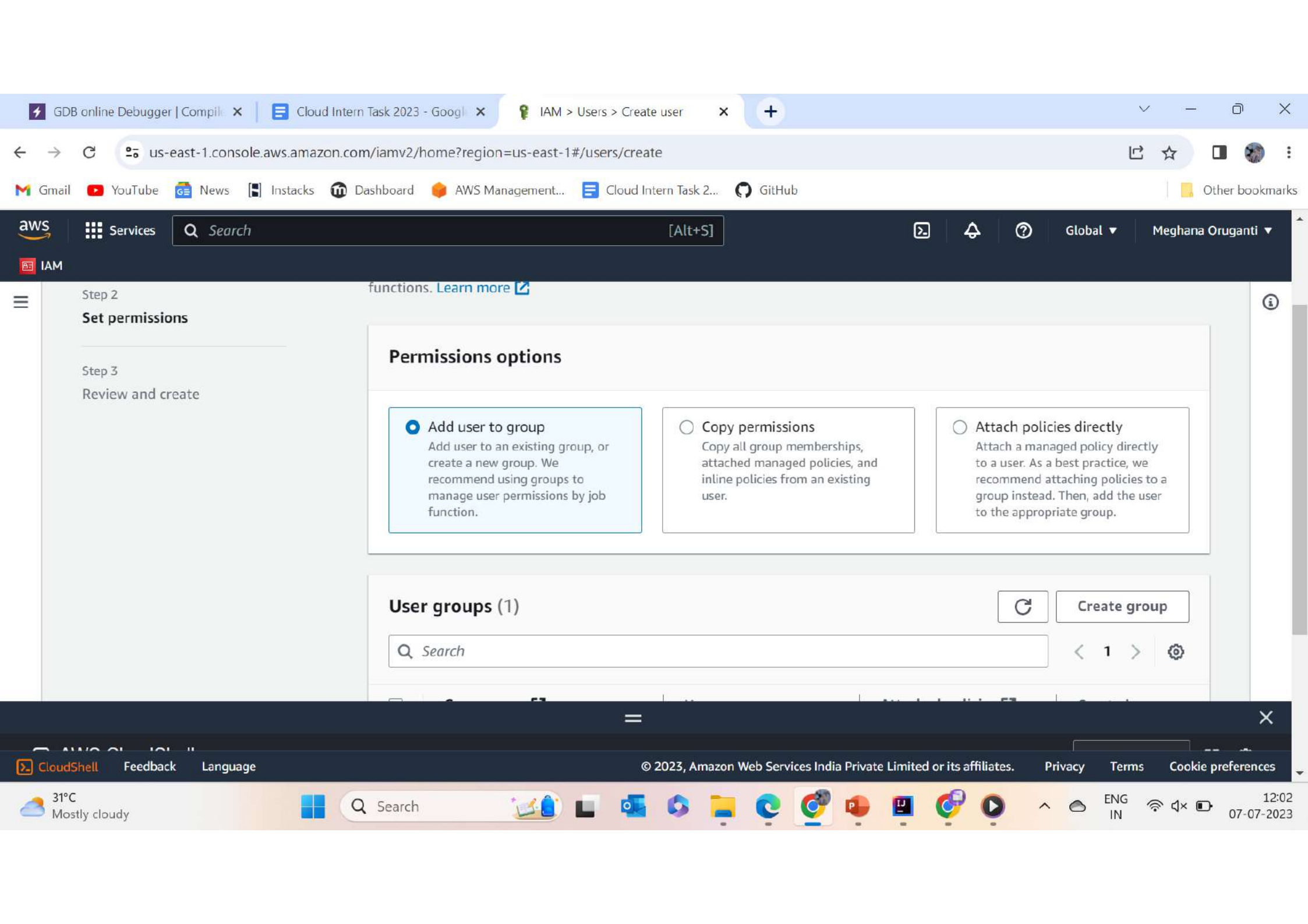
Find users by username or access key

1

Settings

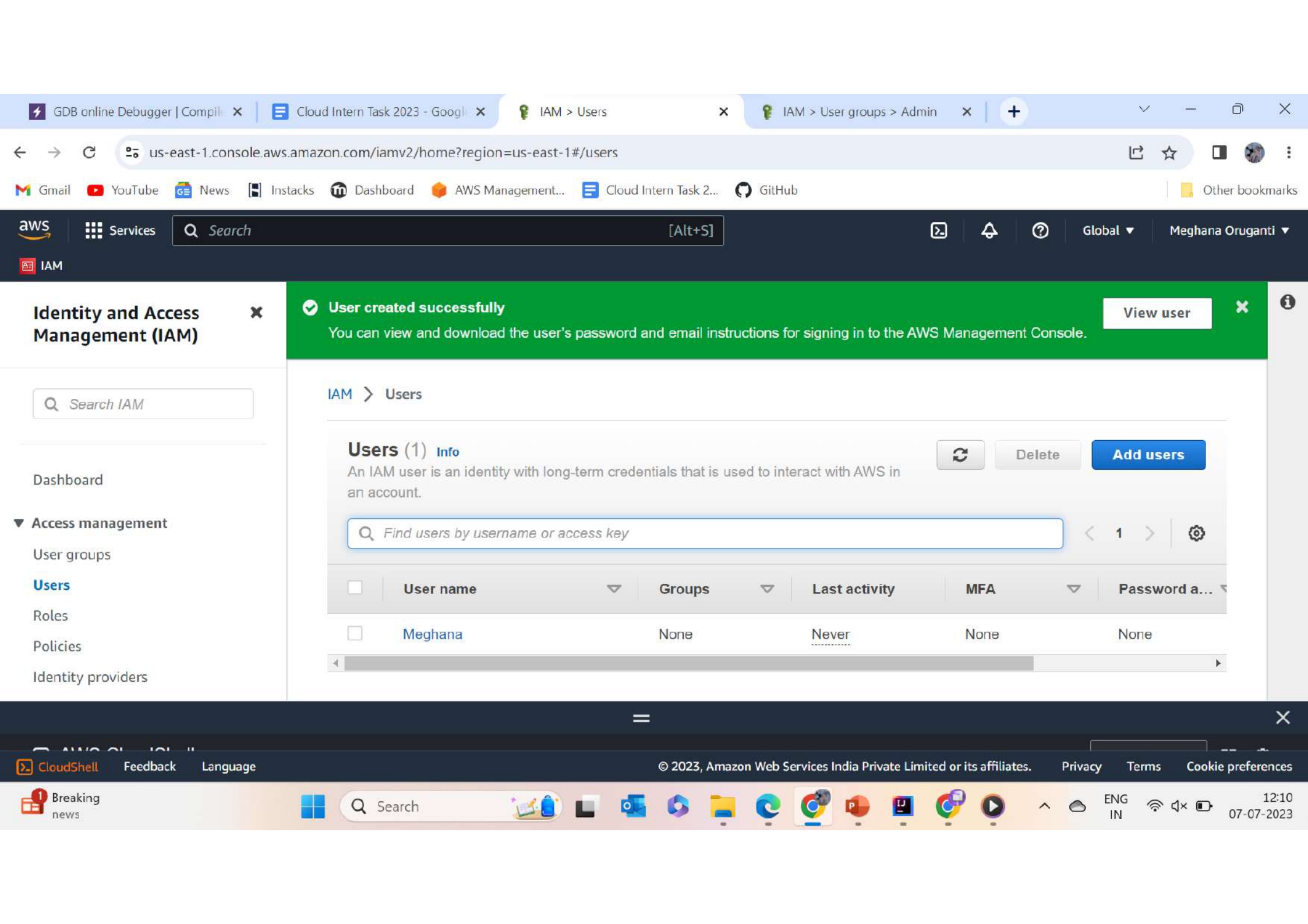
User name	Groups	Last activity	MFA	Password age
No resources to display				

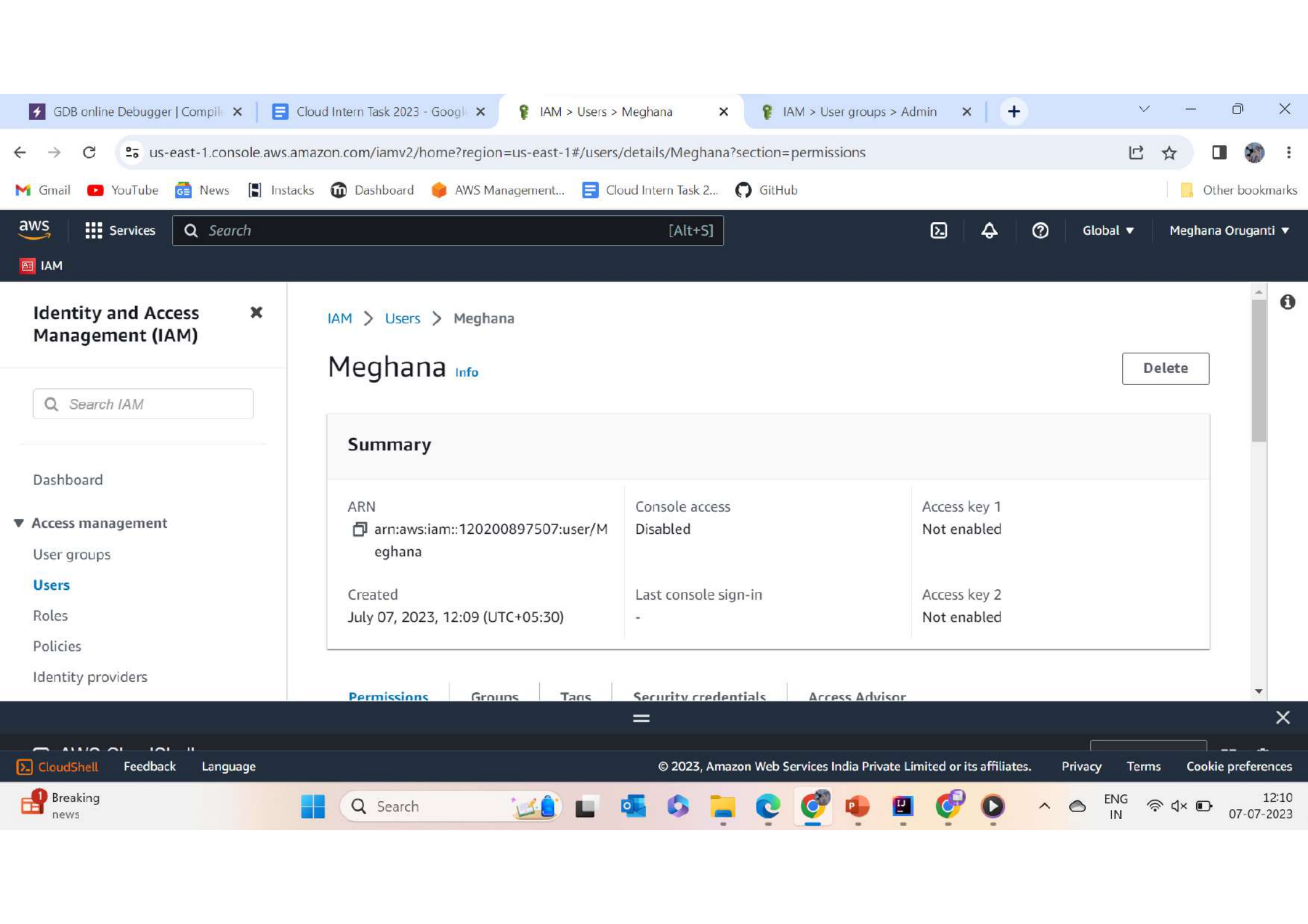


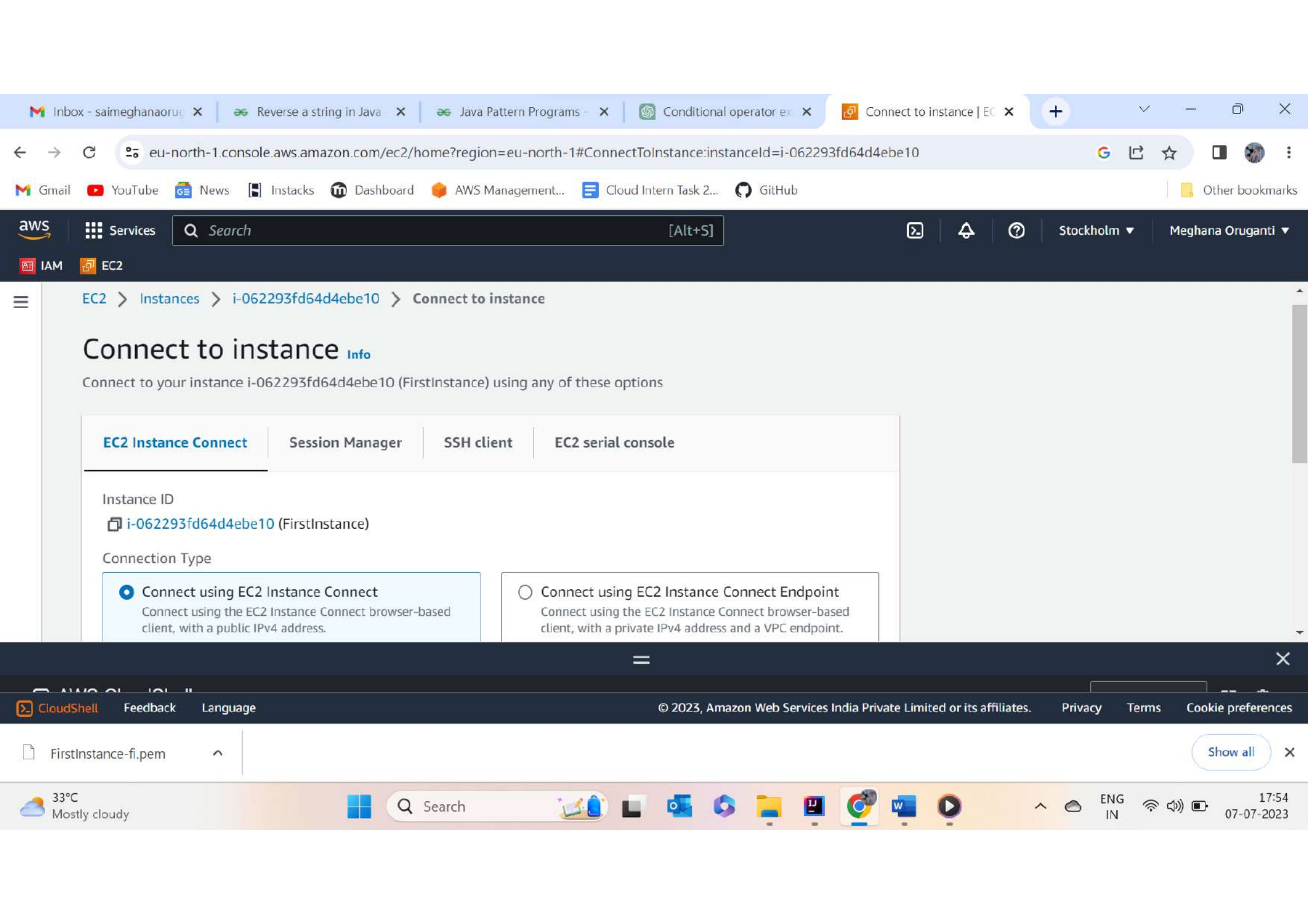




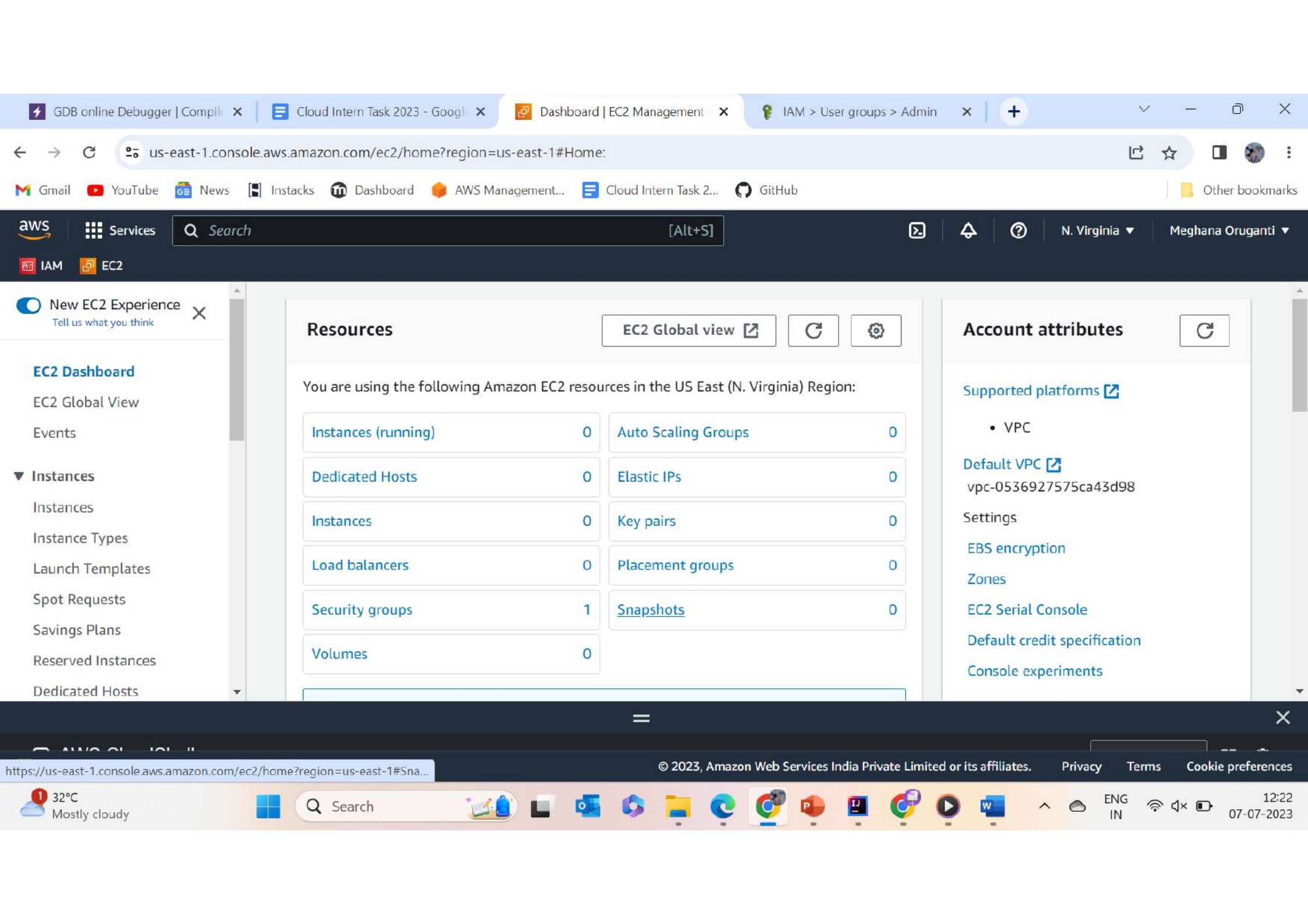


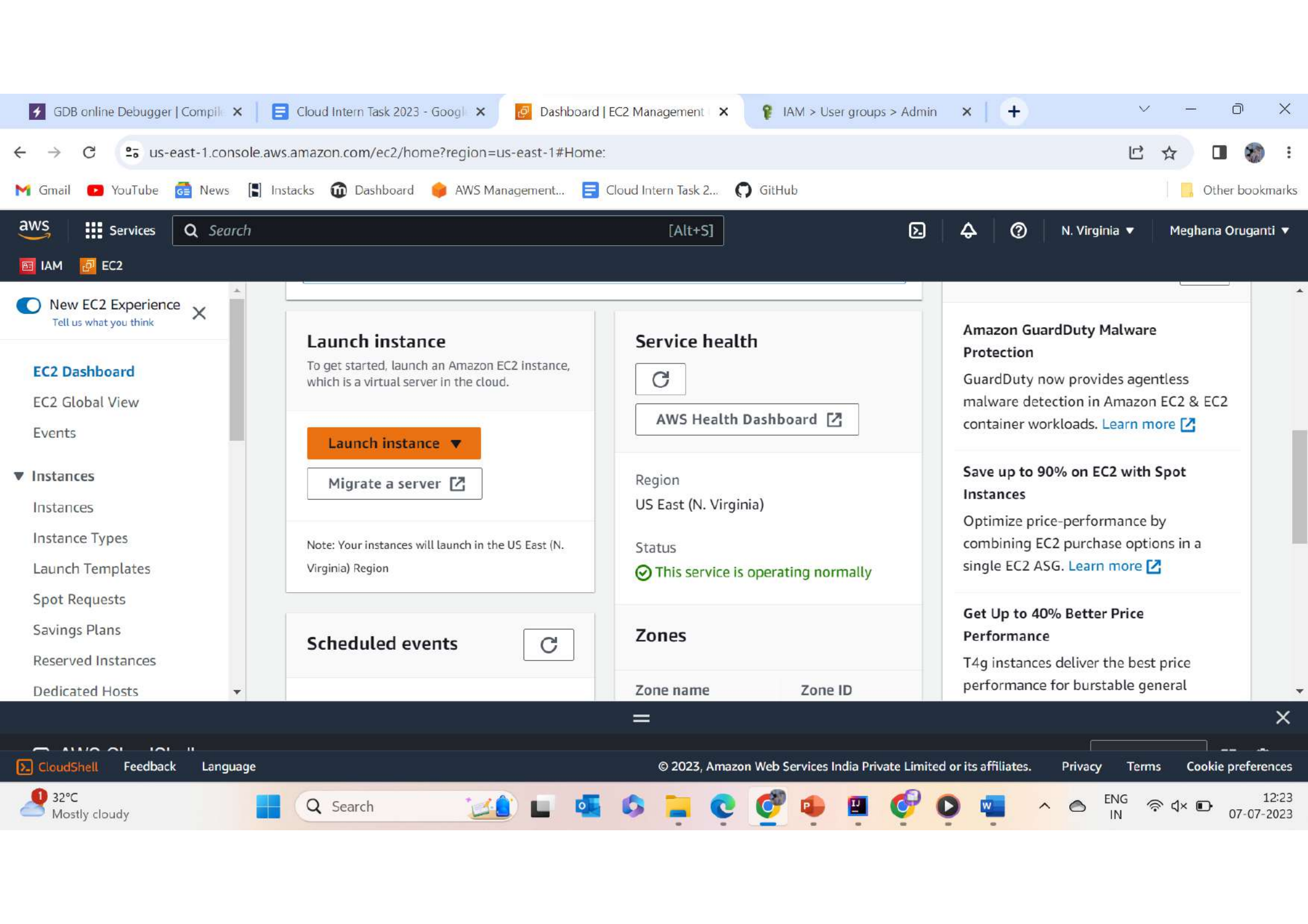


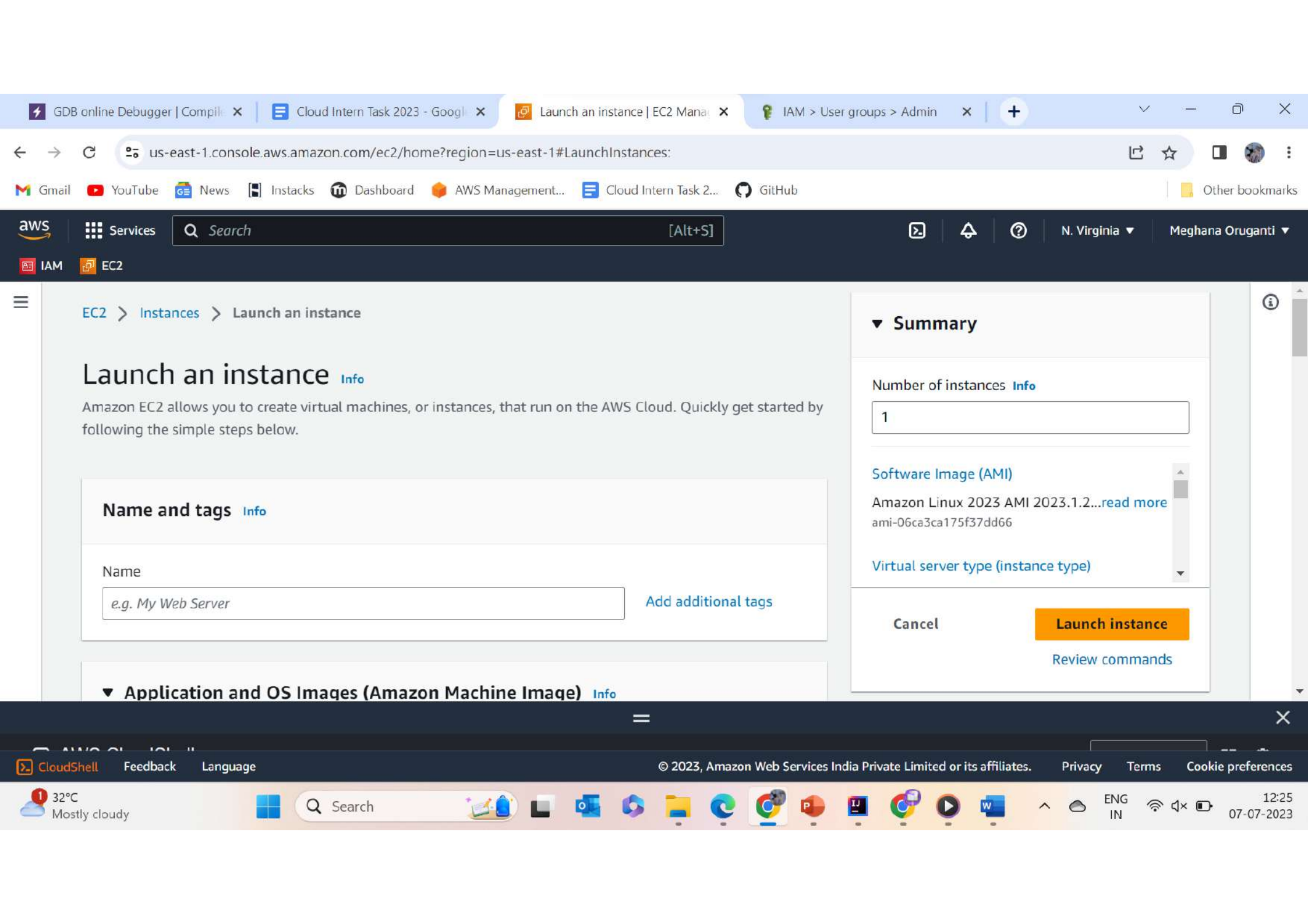












Name and tags [Info](#)

Name

FirstInstance

Add additional tags

### ▼ Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

 Search our full catalog including 1000s of application and OS images

## Quick Start

### ▼ Summary

Number of instances [Info](#)

1

### Software Image (AMI)

Amazon Linux 2023 AMI 2023.1.2...[read more](#)  
ami-06ca3ca175f37dd66

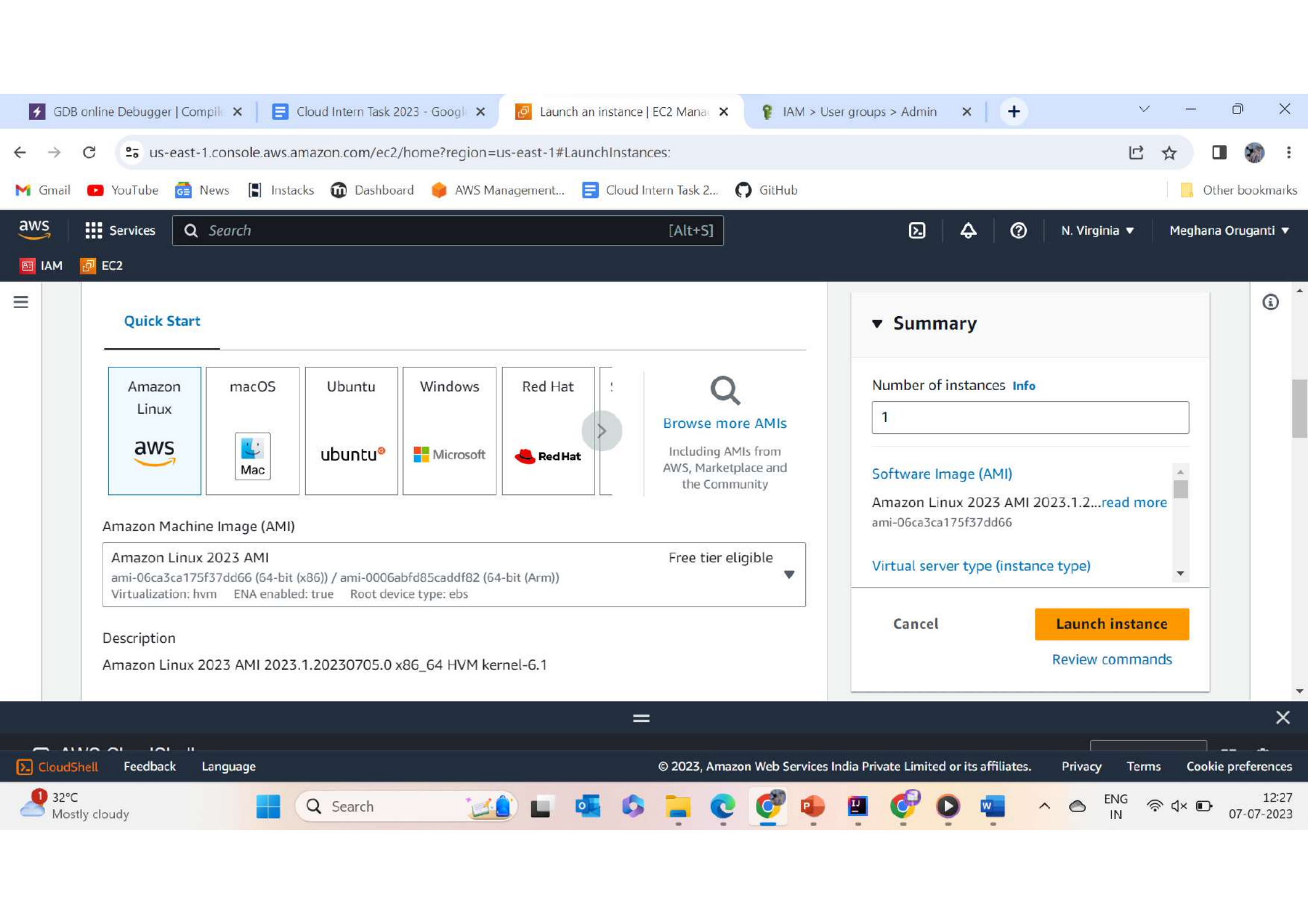
Virtual server type (instance type)

Cancel

### Launch instance

## Review commands





<input type="text" value="Q  "/>	
<b>t2.nano</b>	
Family: t2   1 vCPU   0.5 GiB Memory   Current generation: true	
On-Demand Linux pricing: 0.0058 USD per Hour	
On-Demand SUSE pricing: 0.0058 USD per Hour	
On-Demand Windows pricing: 0.0081 USD per Hour	
<b>t2.micro</b>	Free tier eligible
Family: t2   1 vCPU   1 GiB Memory   Current generation: true	
On-Demand Windows pricing: 0.0162 USD per Hour	
On-Demand SUSE pricing: 0.0116 USD per Hour	
On-Demand RHEL pricing: 0.0716 USD per Hour	
On-Demand Linux pricing: 0.0116 USD per Hour	
<b>t2.micro</b>	Free tier eligible
Family: t2   1 vCPU   1 GiB Memory   Current generation: true	
On-Demand Windows pricing: 0.0162 USD per Hour	
On-Demand SUSE pricing: 0.0116 USD per Hour	
On-Demand RHEL pricing: 0.0716 USD per Hour	
On-Demand Linux pricing: 0.0116 USD per Hour	

☒ All generations

## Compare instance types

### ▼ Summary

Number of instances [Info](#)1

## Software Image (AMI)

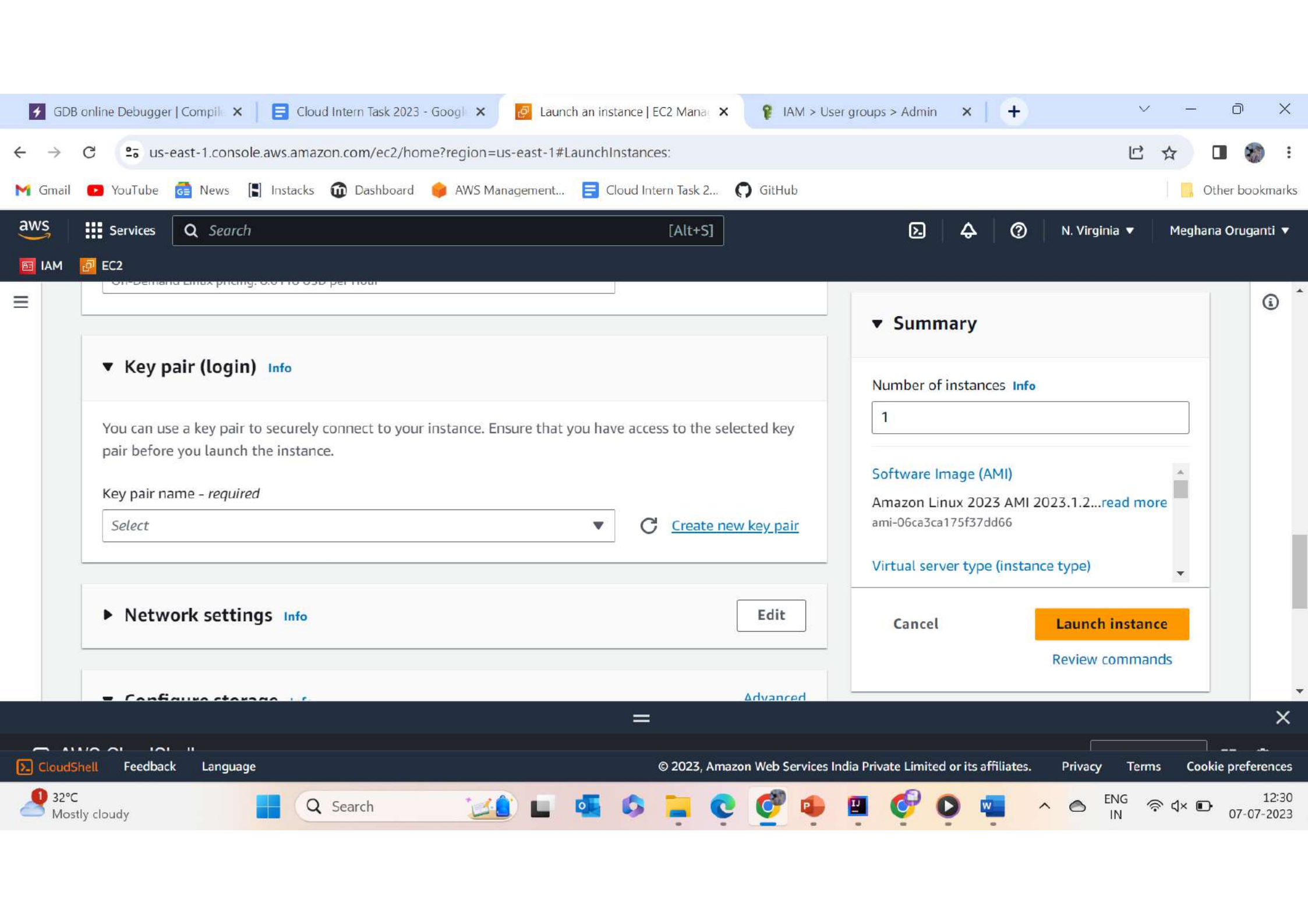
Amazon Linux 2023 AMI 2023.1.2...[read more](#)  
ami-06ca3ca175f37dd66

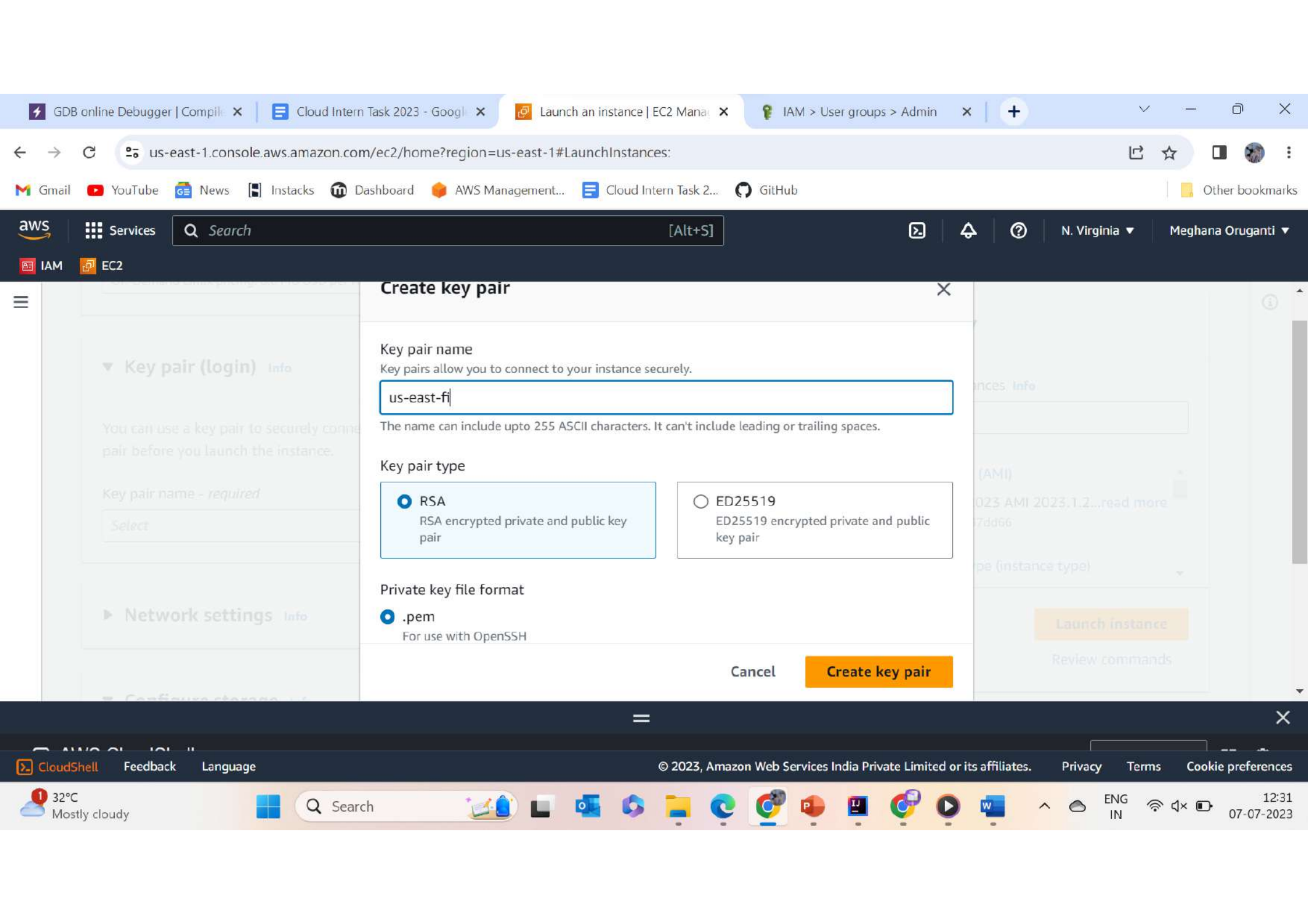
Virtual server type (instance type)

Cancel

### Launch instance

## Review commands







Network settings Info

Edit

Network Info

vpc-0536927575ca43d98

Subnet Info

No preference (Default subnet in any availability zone)

Auto-assign public IP Info

Enable

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

We'll create a new security group called 'launch-wizard-1' with the following rules:

Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.1.2...read more  
ami-06ca3ca175f37dd66

Virtual server type (instance type)

Cancel

Launch instance

Review commands

Subnet [Info](#)  
No preference (Default subnet in any availability zone)  
  
Auto-assign public IP [Info](#)  
Enable  
  
**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

default sg-00469d60413b236f1 X  
VPC: vpc-0536927575ca43d98

Compare security group rules

**Summary**

Number of instances [Info](#)  

1

Software Image (AMI)  
Amazon Linux 2023 AMI 2023.1.2...[read more](#)  
ami-06ca3ca175f37dd66

Virtual server type (instance type)

Cancel

Launch instance

[Review commands](#)

