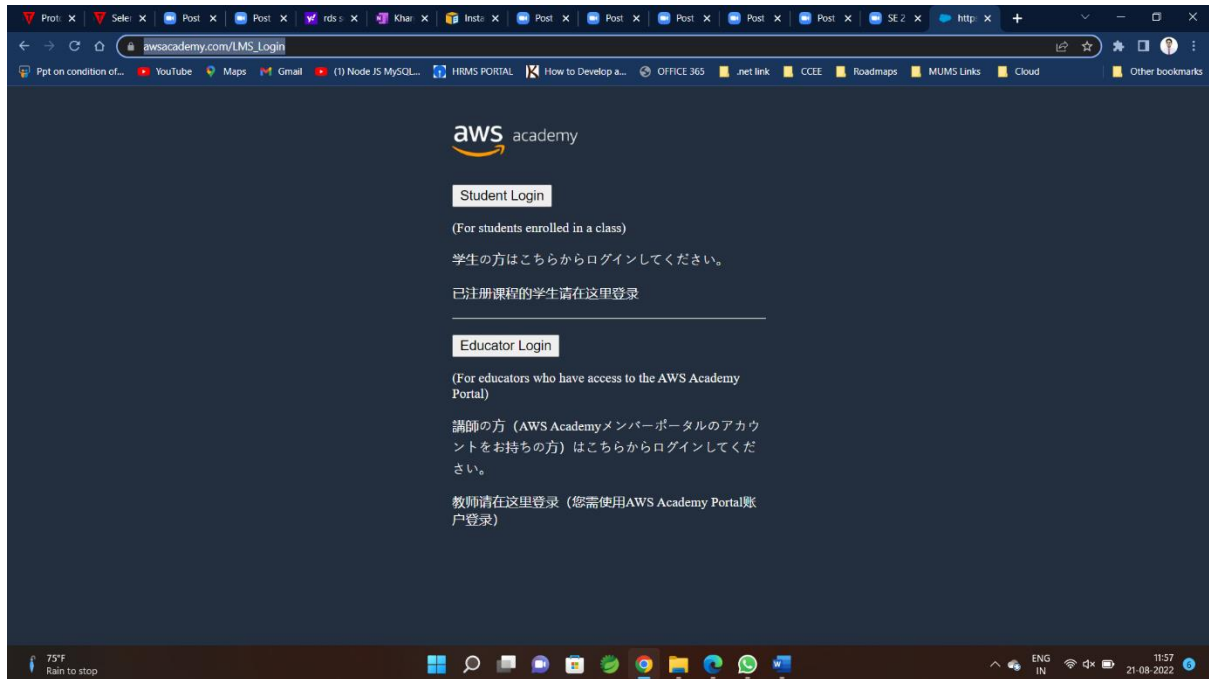


# To Create EC2

## Step-1

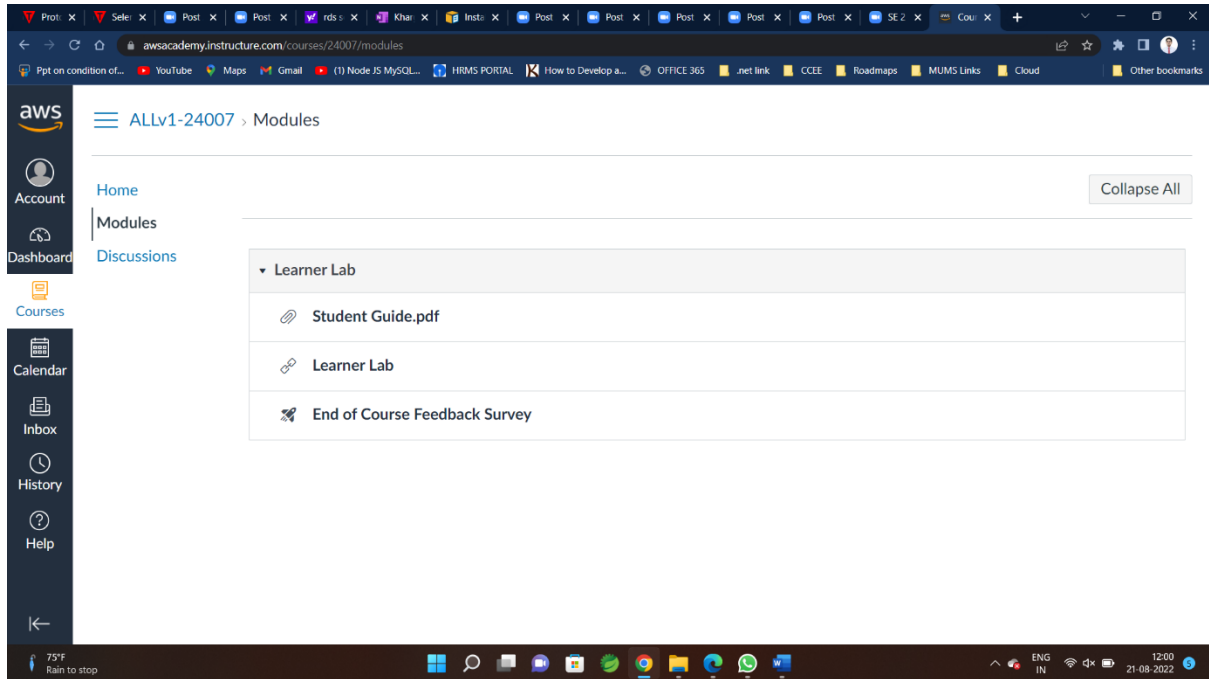
Login to AWS cloud

[https://www.awsacademy.com/LMS\\_Login](https://www.awsacademy.com/LMS_Login)

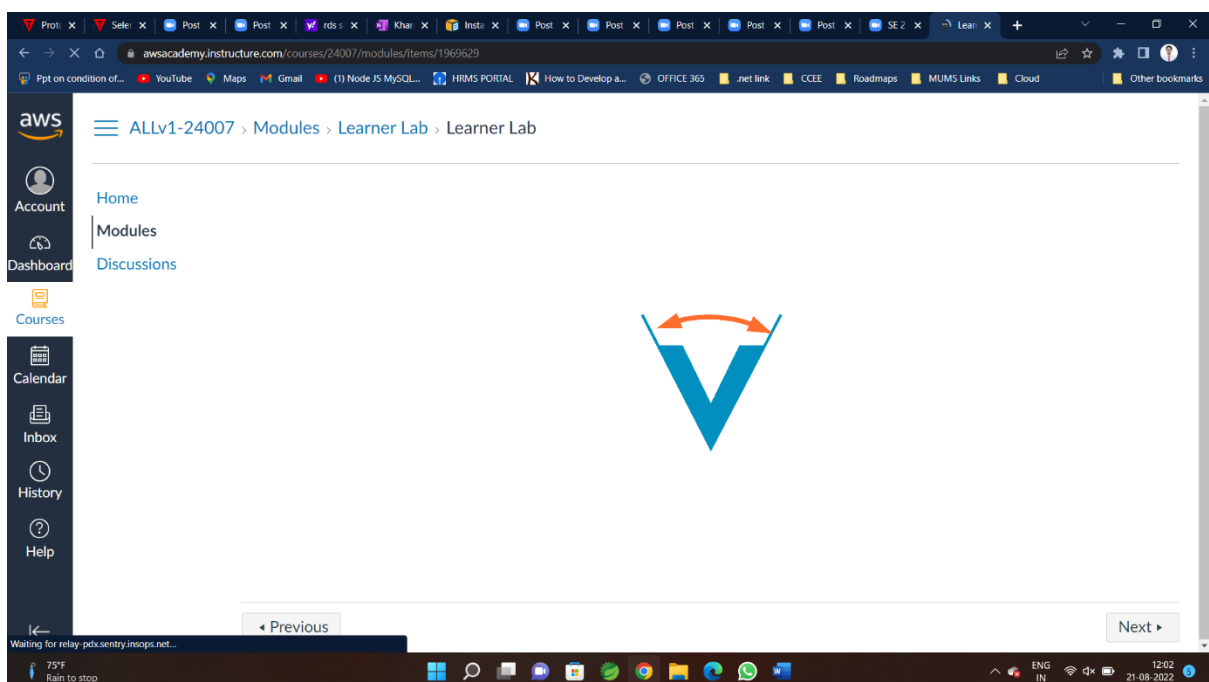


## Step-2

After Login Go to Course → click on  
Module → Learner Lab



## Step-3 Lab Starting GUI is shown as below



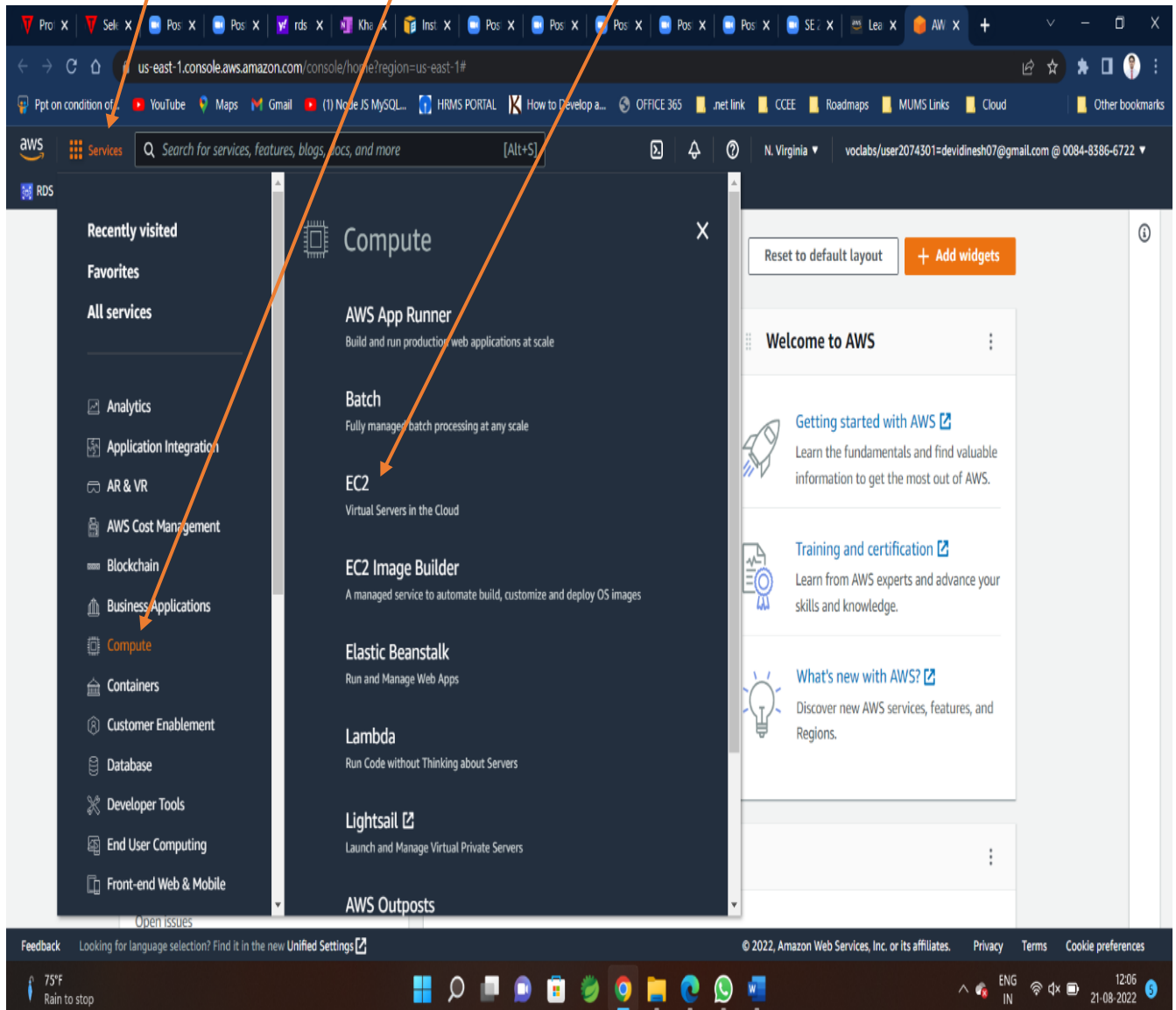
## Step-4

## Click on AWS

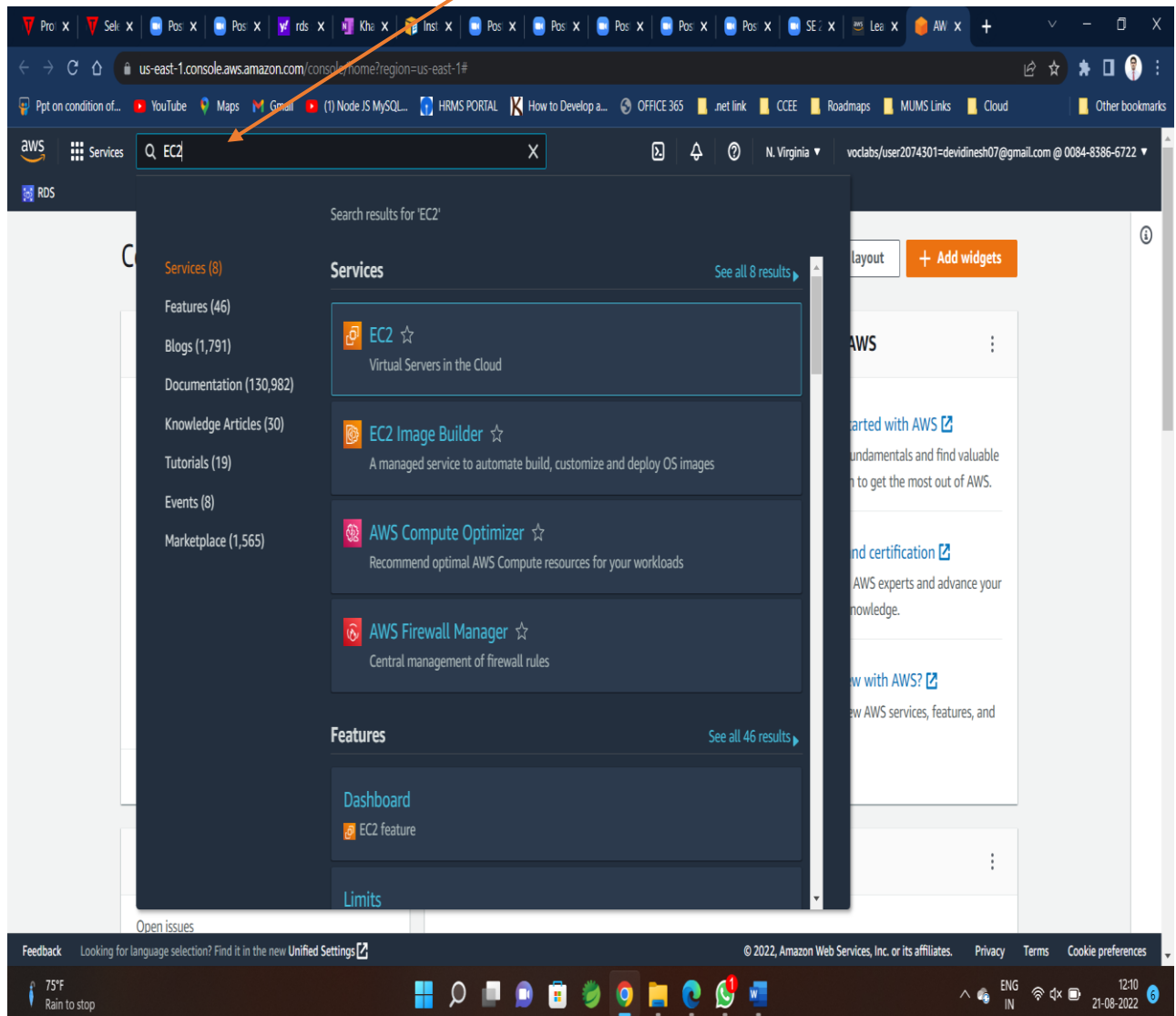
The screenshot shows the AWS Academy Instructure LMS interface. The top navigation bar includes a search bar and a list of tabs. The 'AWS' tab is highlighted, and an orange arrow points to it. The main content area displays the 'Learner Lab' page, which includes a terminal window with the command prompt 'ddd\_v1\_w\_FYc\_1341748@runweb596541:~\$' and a list of links on the right side. The links are: [Environment Overview](#), [Environment Navigation](#), [Access the AWS Management Console](#), [Region restriction](#), [Service usage and other restrictions](#), [Using the terminal in the browser](#), [Running AWS CLI commands](#), [Using the AWS SDK for Python](#), [Preserving your budget](#), [Accessing EC2 instances](#), [SSH Access to EC2 instances](#), and [SSH Access from Windows](#). The bottom of the screen shows a Windows taskbar with various application icons and a system tray with the date and time.

## Step-5 To create EC2

Go to Services → Compute → EC2

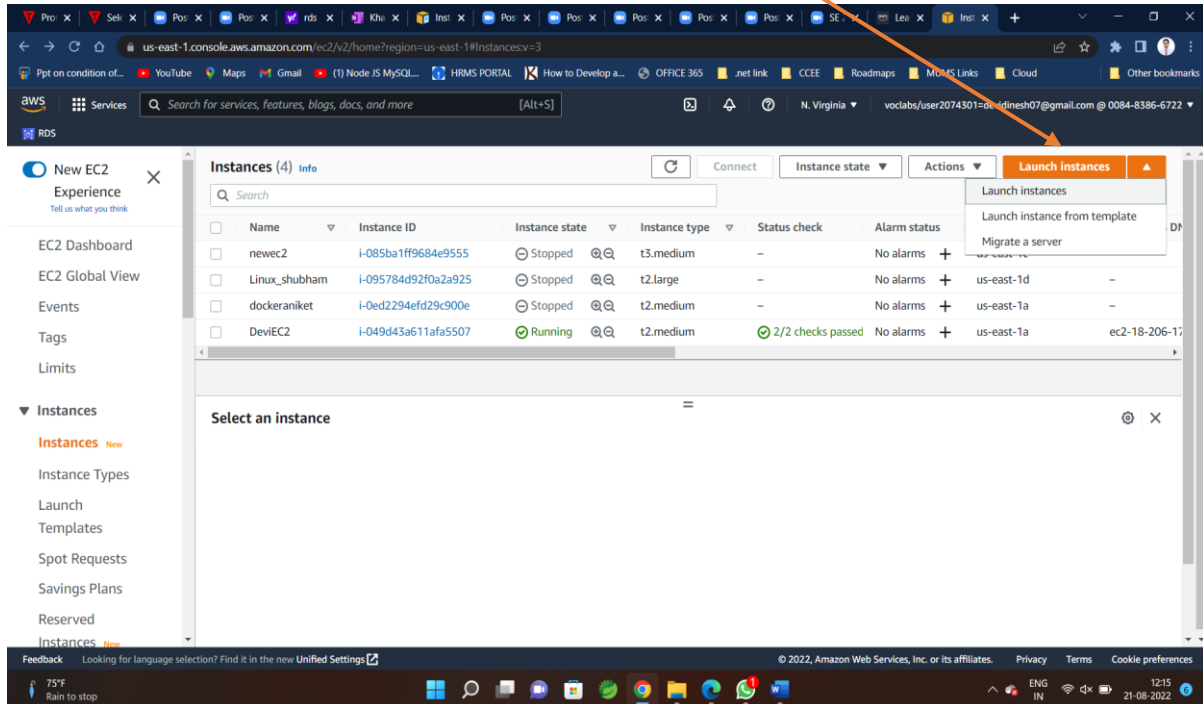


**Or** if you now the service Name Directly Type in search Bar –Name of Service (ex.EC2)

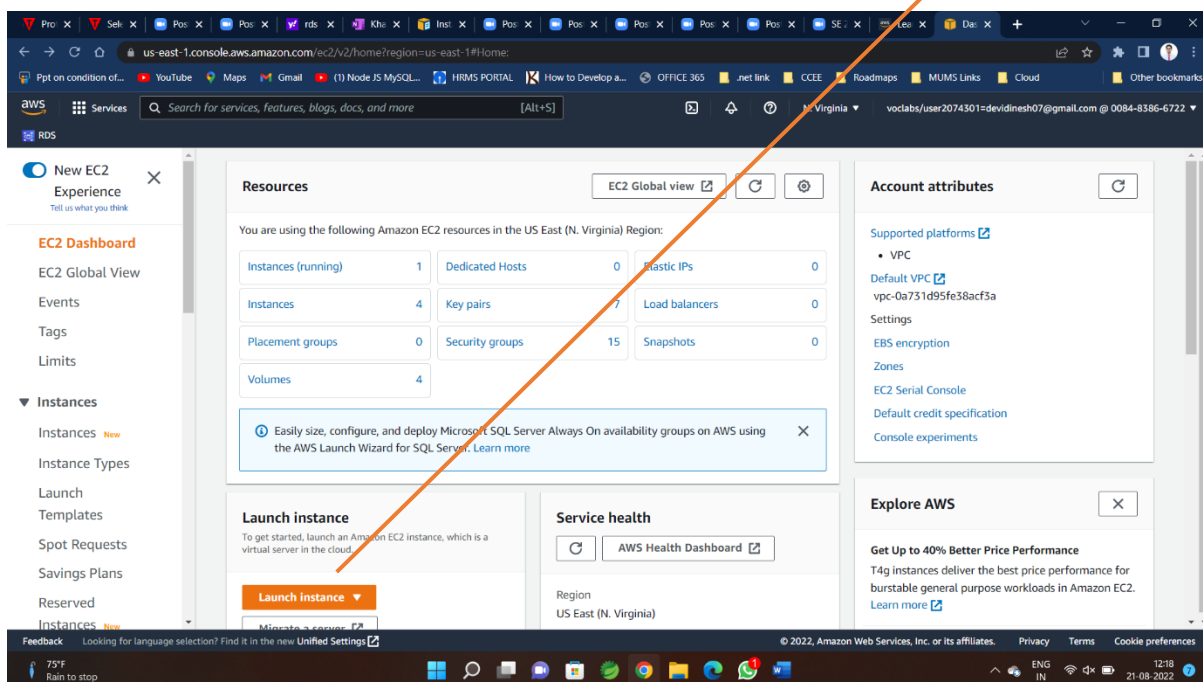


## Step-6

## Click on EC2 → Launch Instance

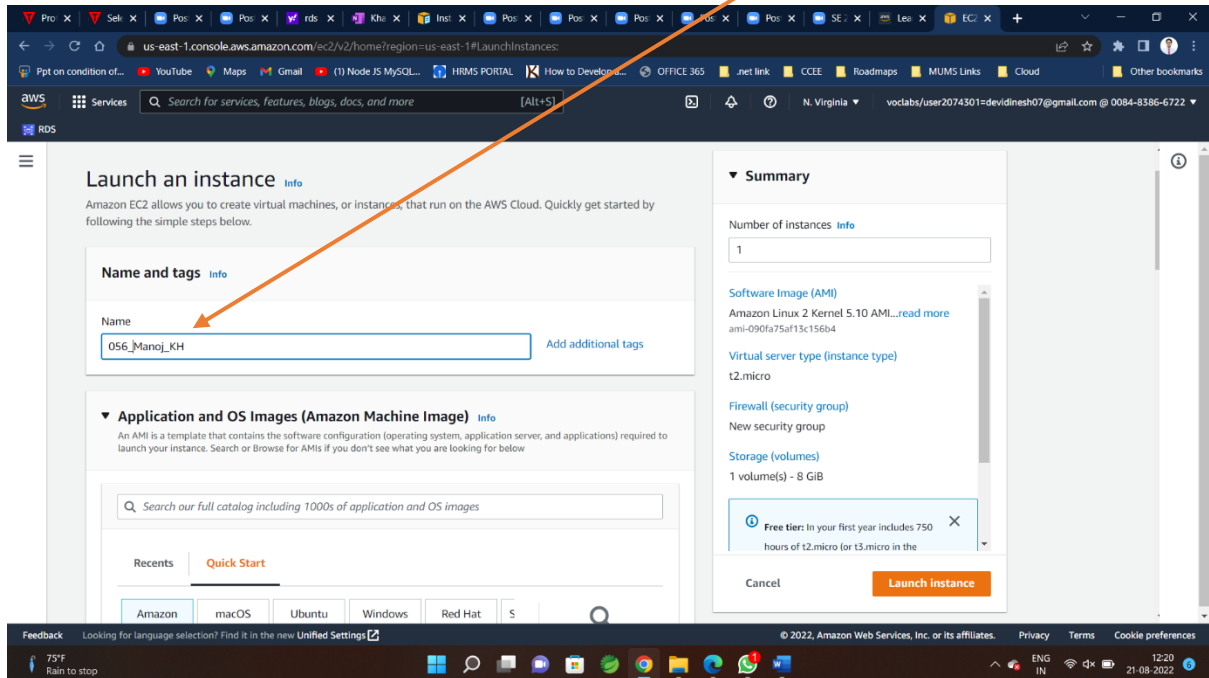


## Or Directly click here



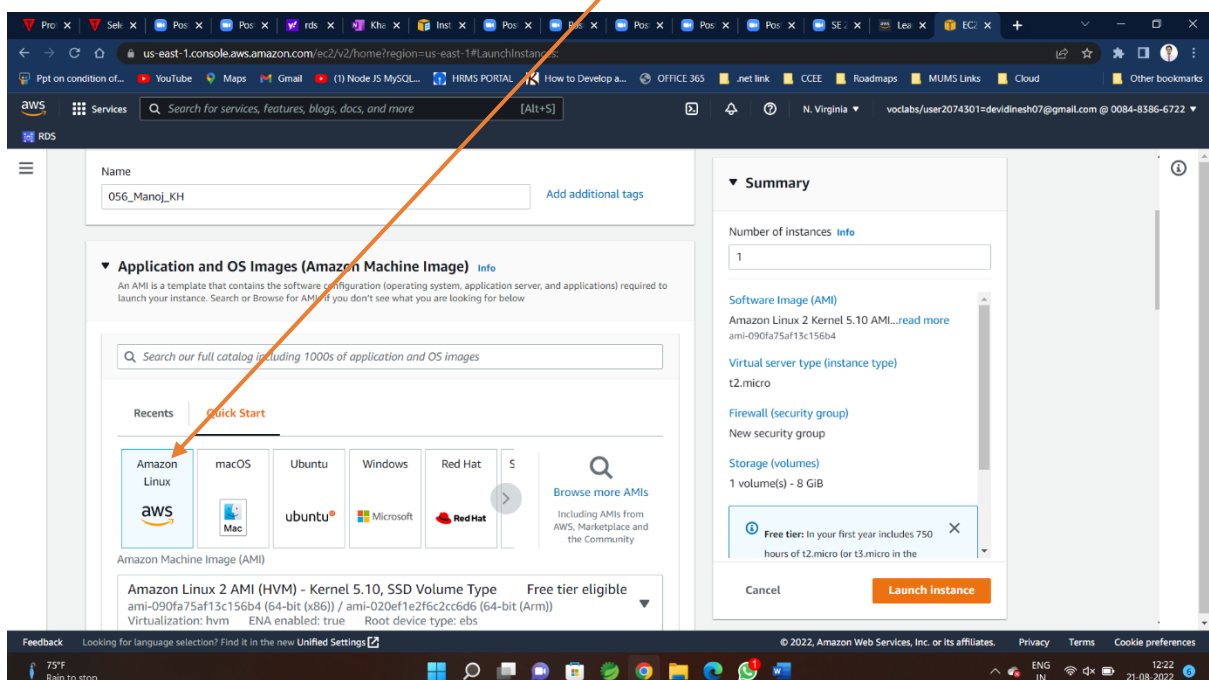
## Step-7

### Select Proper name for instance



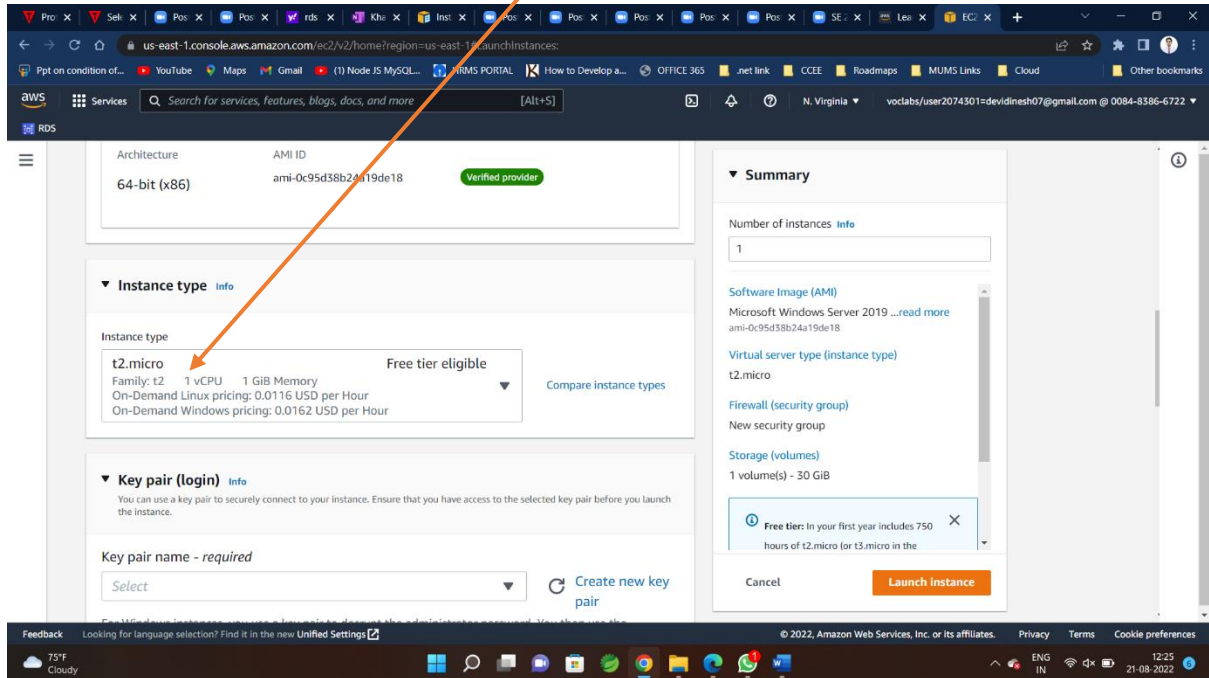
## Step-8

### Select OS as per Requirements(windows/Amazon Linux/macOS ) etc



## Step-9

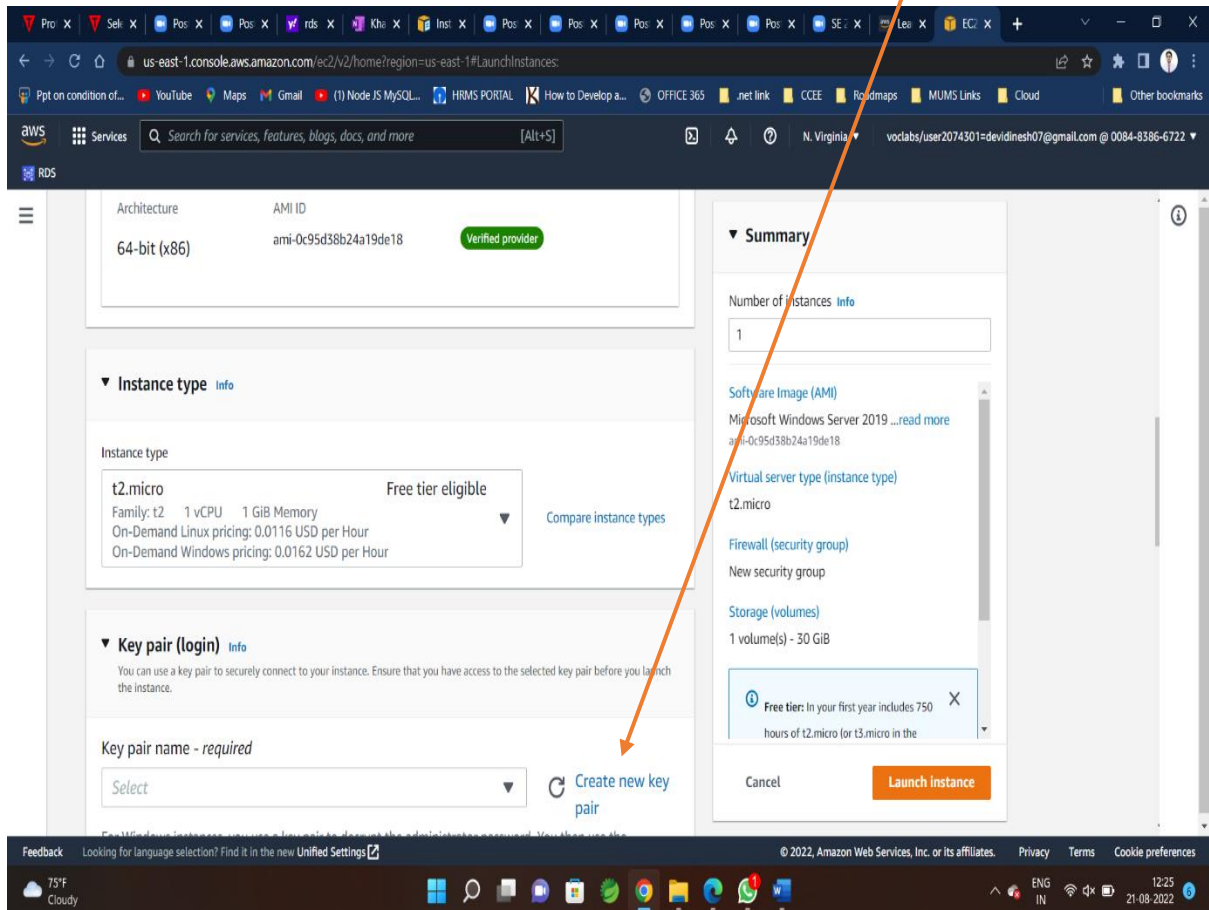
### Select proper instance Type as per Requirement





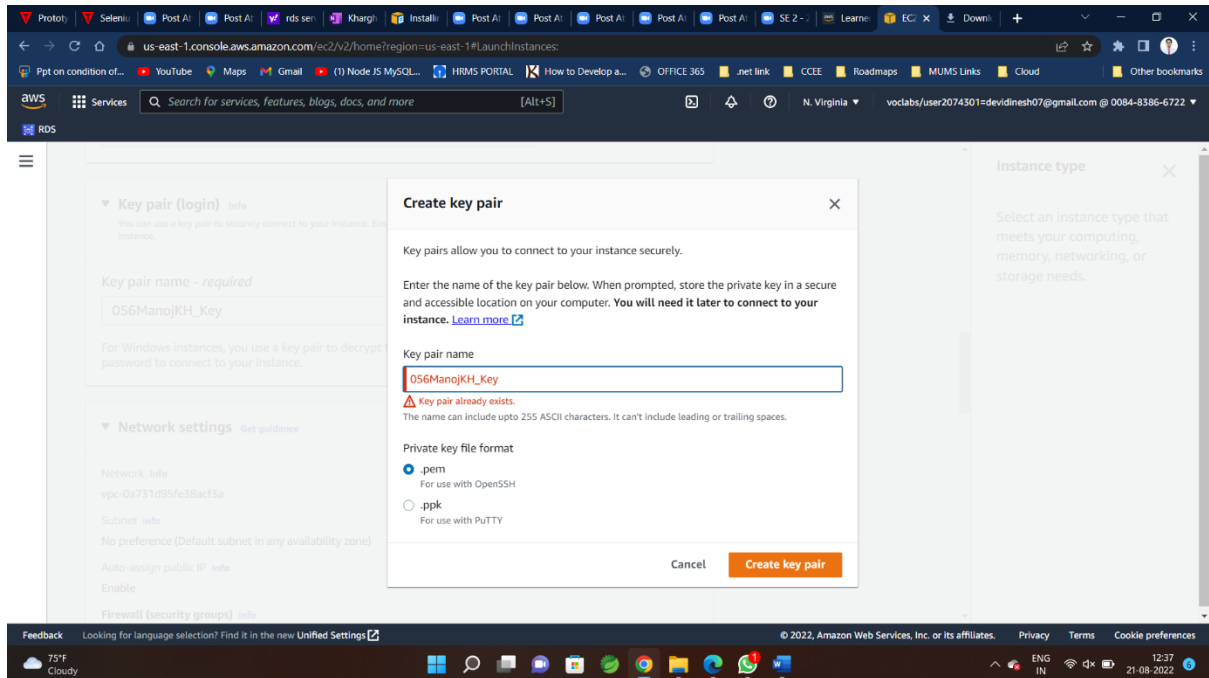
## Step-10

If instance Creating for first time → Create new key Pair

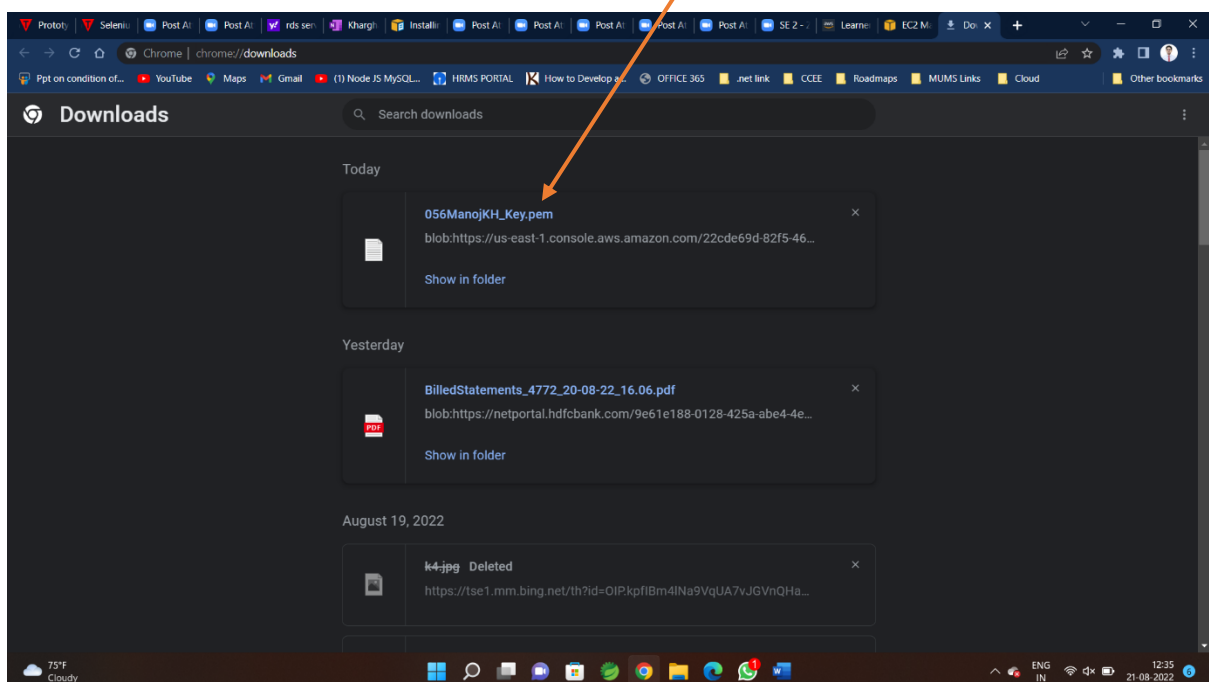


## Step 10.1

### Give proper name for key value pair

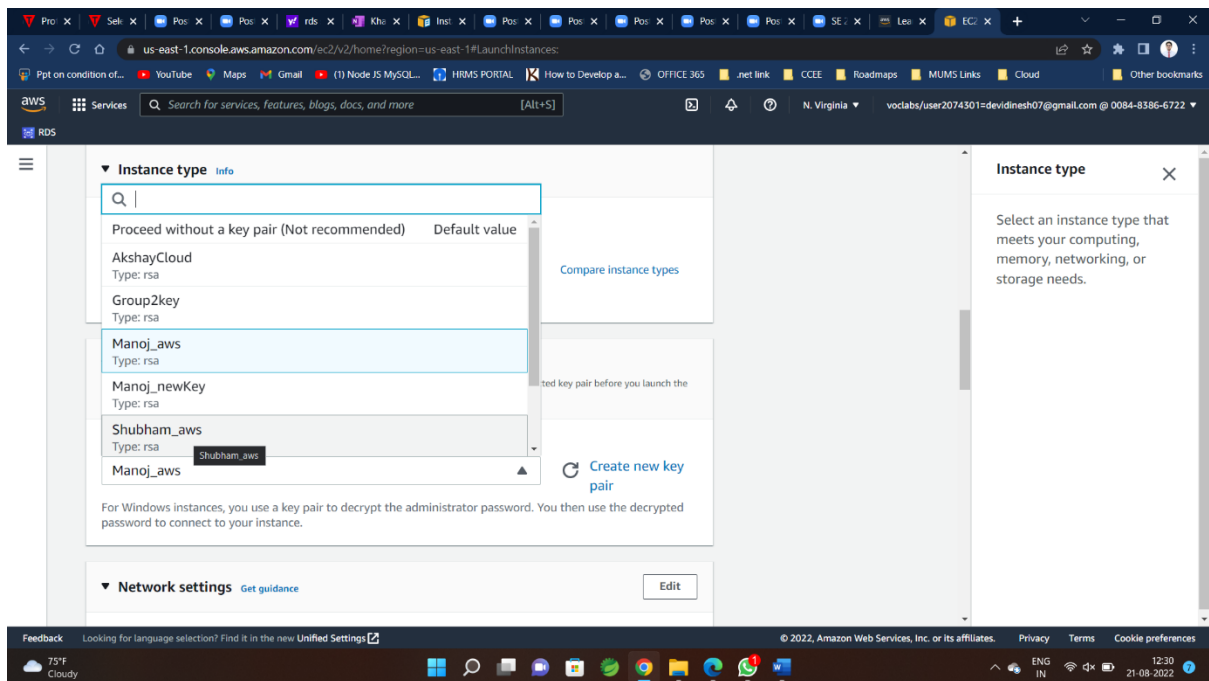


## Step 10.2 keep downloaded .pem file at safe place for further use and security purpose



**Or use from Drop Down(if already created)**

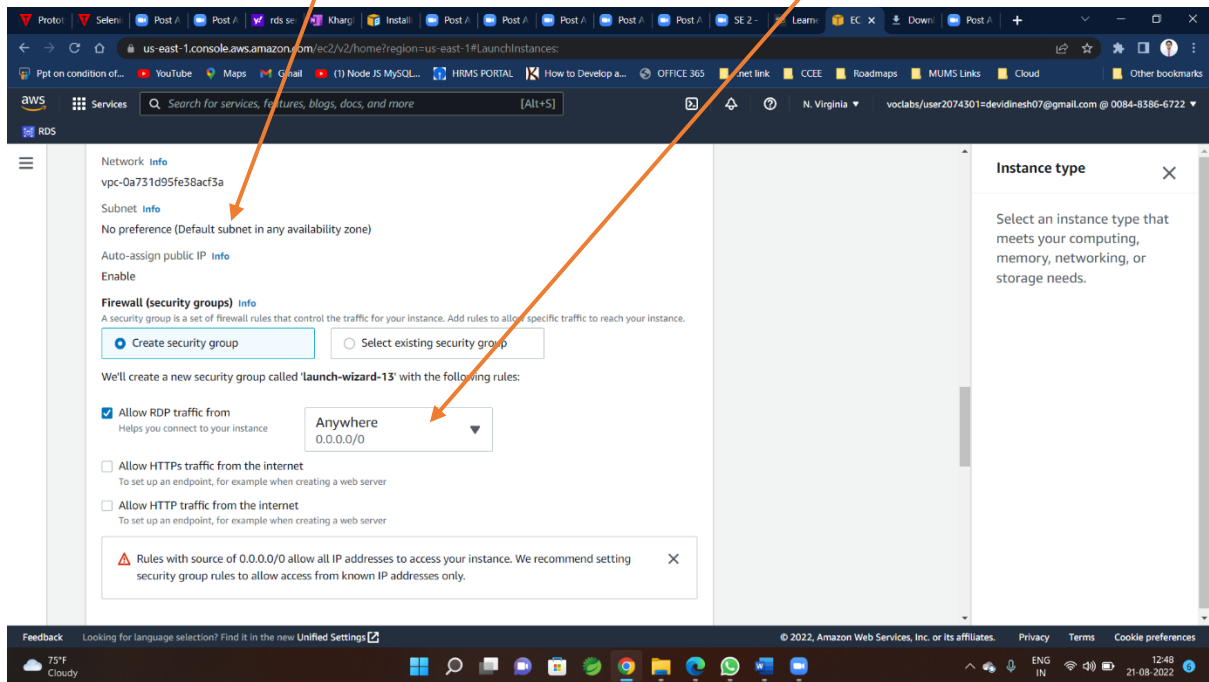
**Reaccommodate to use existing key value pair for all instances**



## Step-11

Initially firewall(Security groups)→create security groups

And keep allow RDP traffic From Anywhere



## Step-12

### Configure Storage → select as per requirement

The screenshot shows the AWS Management Console for an EC2 instance in the us-east-1 region. The 'Configure storage' section is expanded, showing a table with one volume: 1x 30 GiB gp2 Root volume. A note indicates that free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. An 'Add new volume' button is visible. The 'Instance type' sidebar on the right prompts the user to select an instance type based on computing, memory, networking, or storage needs. The bottom of the screen shows the Windows taskbar with various application icons and system status information.

us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:

Search for services, features, blogs, docs, and more [Alt+S]

Allow HTTPs traffic from the internet  
To set up an endpoint, for example when creating a web server

Allow HTTP traffic from the internet  
To set up an endpoint, for example when creating a web server

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

▼ Configure storage Info Advanced

1x 30 GiB gp2 Root volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance

0 x File systems Edit

Instance type

Select an instance type that meets your computing, memory, networking, or storage needs.

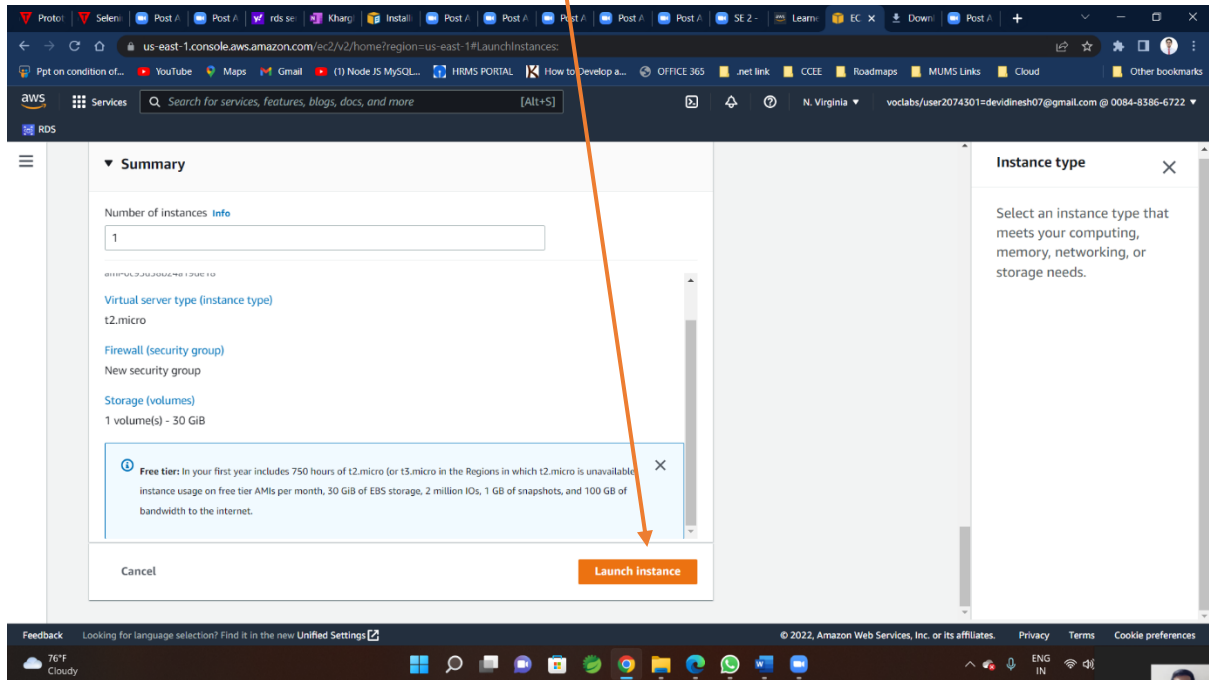
Feedback Looking for language selection? Find it in the new Unified Settings

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75°F Cloudy

## Step-13

### Click on Launch Instance



# Step-14

## Success message for instance created

