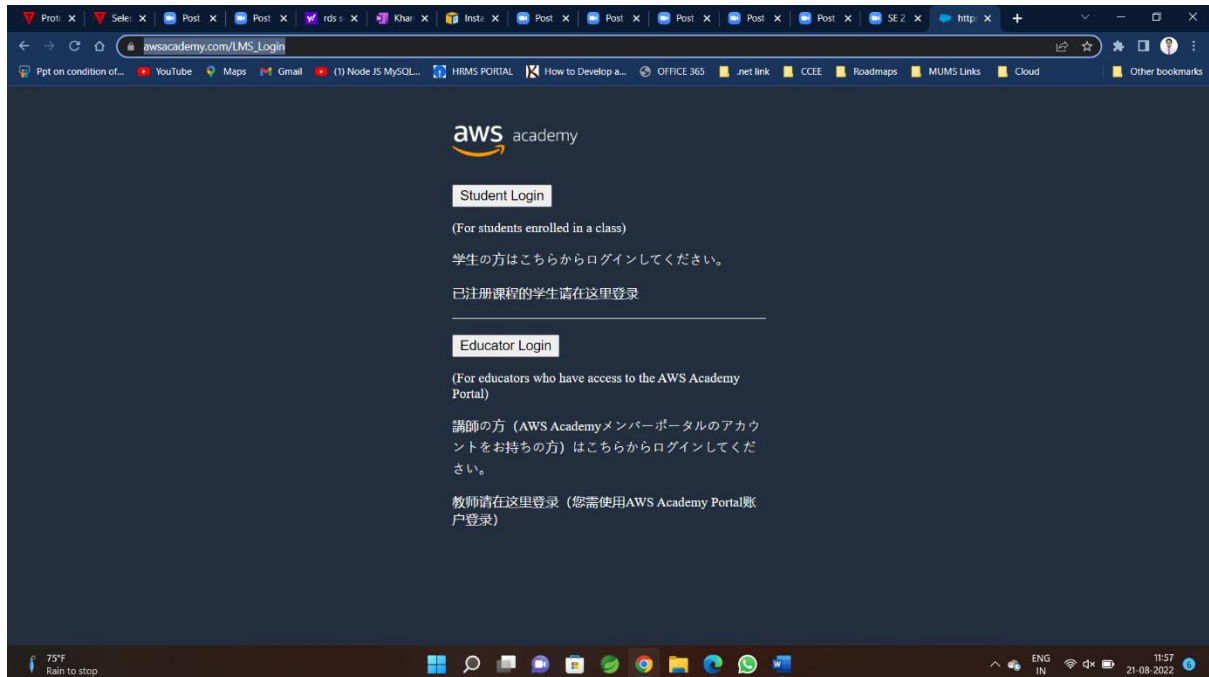


# To Create EC2

## Step-1

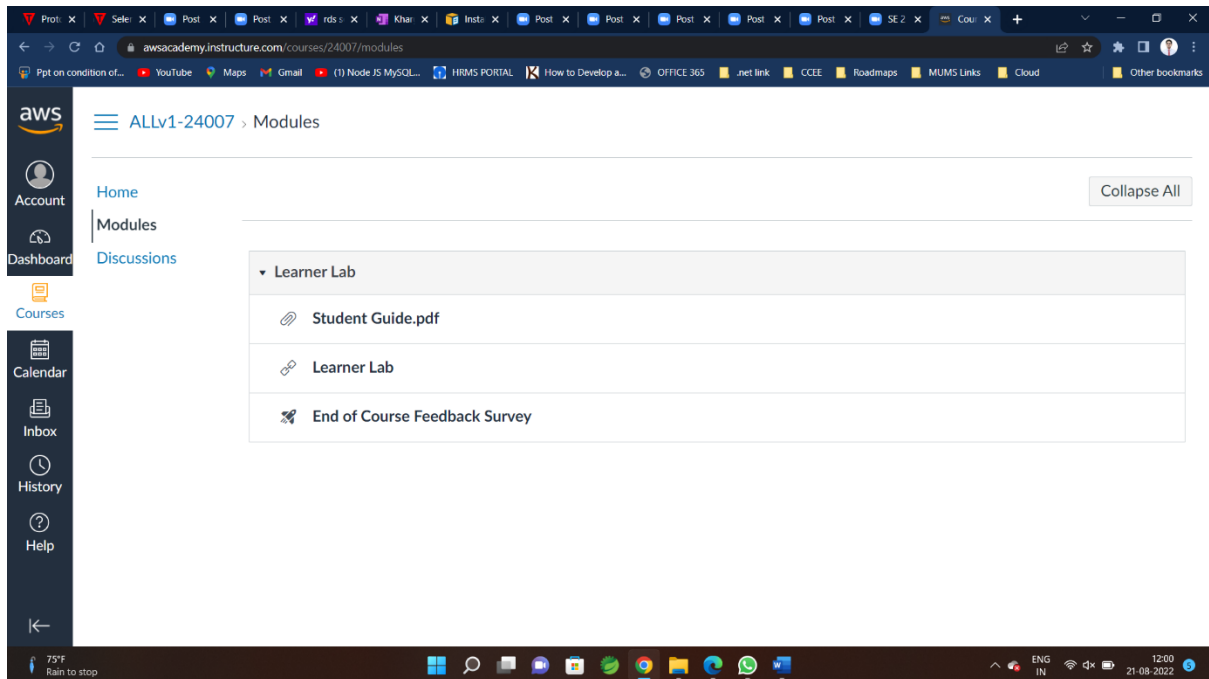
Login to AWS cloud

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

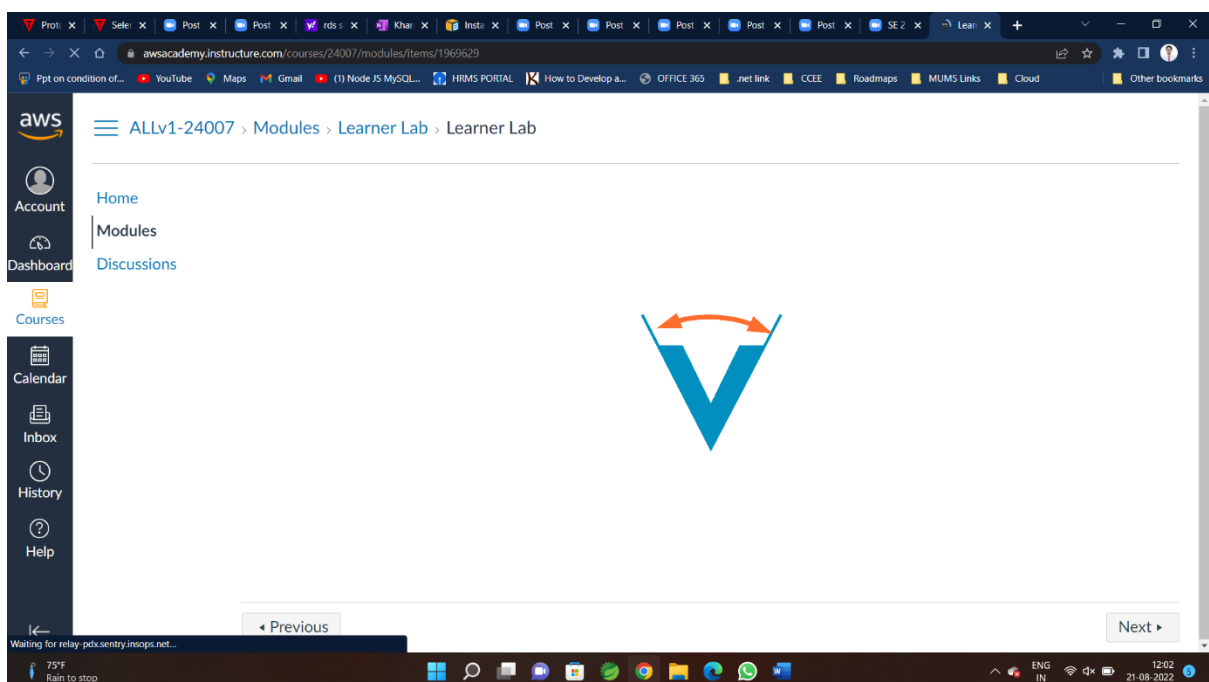


## Step-2

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



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



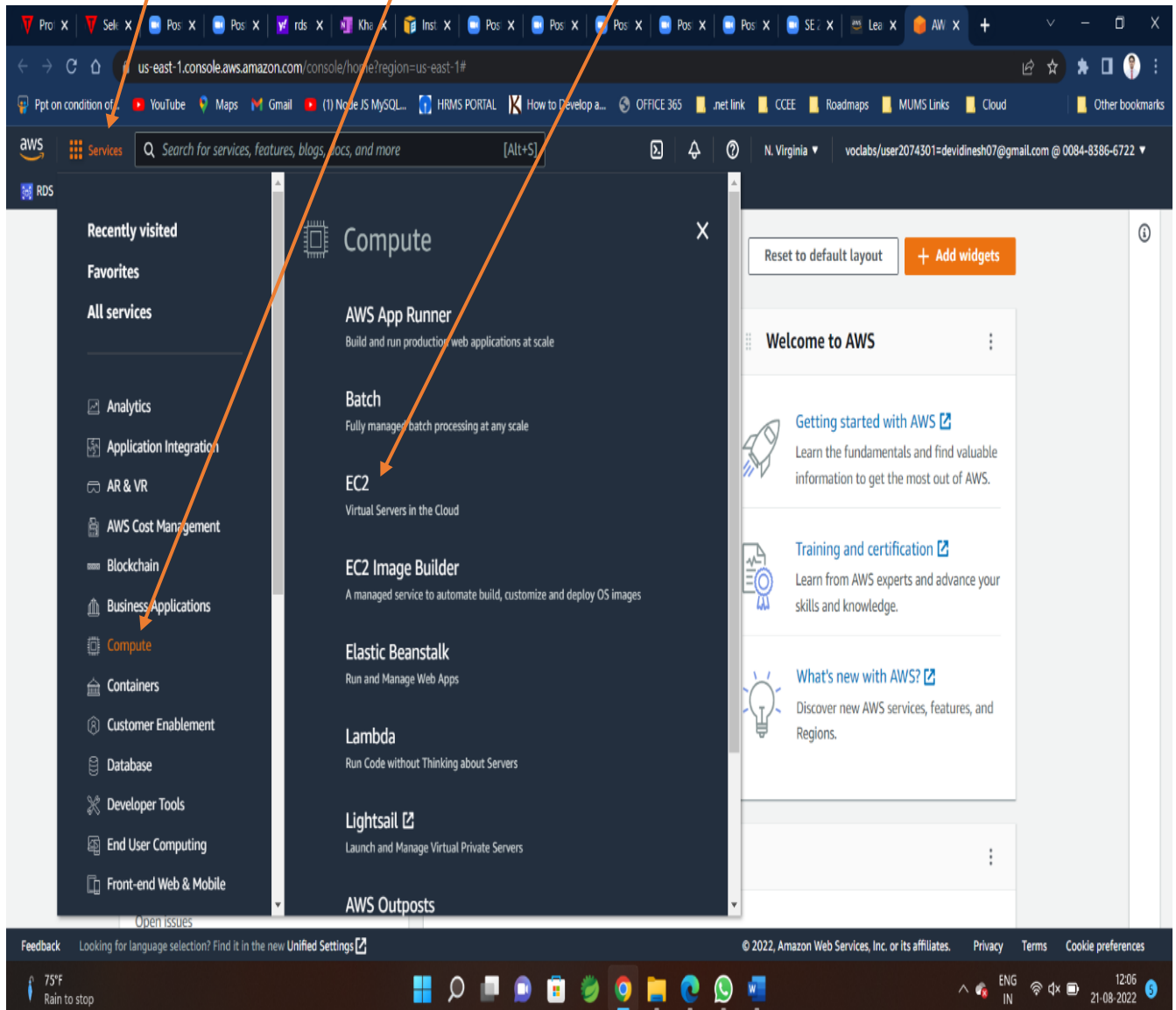
## Step-4

## Click on AWS

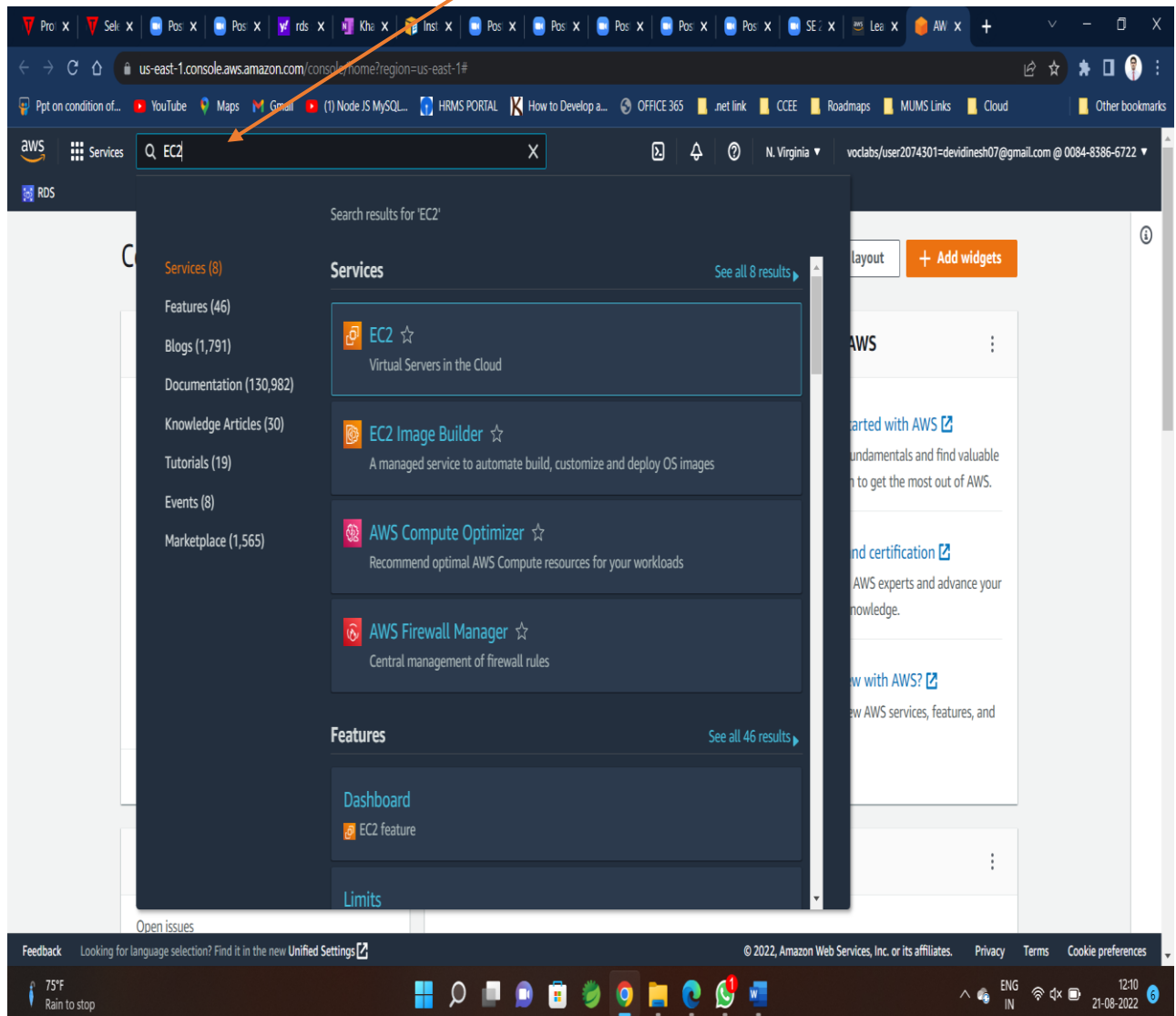
The screenshot shows the AWS Academy Instructure LMS interface. The top navigation bar includes a breadcrumb trail: **ALLv1-24007 > Modules > Learner Lab > Learner Lab**. Below this, the page title is **Learner Lab**. The main content area is divided into two sections. On the left, there is a terminal window with the prompt `ddd_v1_w_FYc_1341748@runweb596541:~$`. On the right, there is a sidebar titled **Learner Lab** containing a list of links: [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 page features a navigation bar with **Previous** and **Next** buttons. The bottom status bar shows the system clock at 12:03 on 21-08-2022.

## Step-5 To create EC2

Go to Services → Compute → EC2

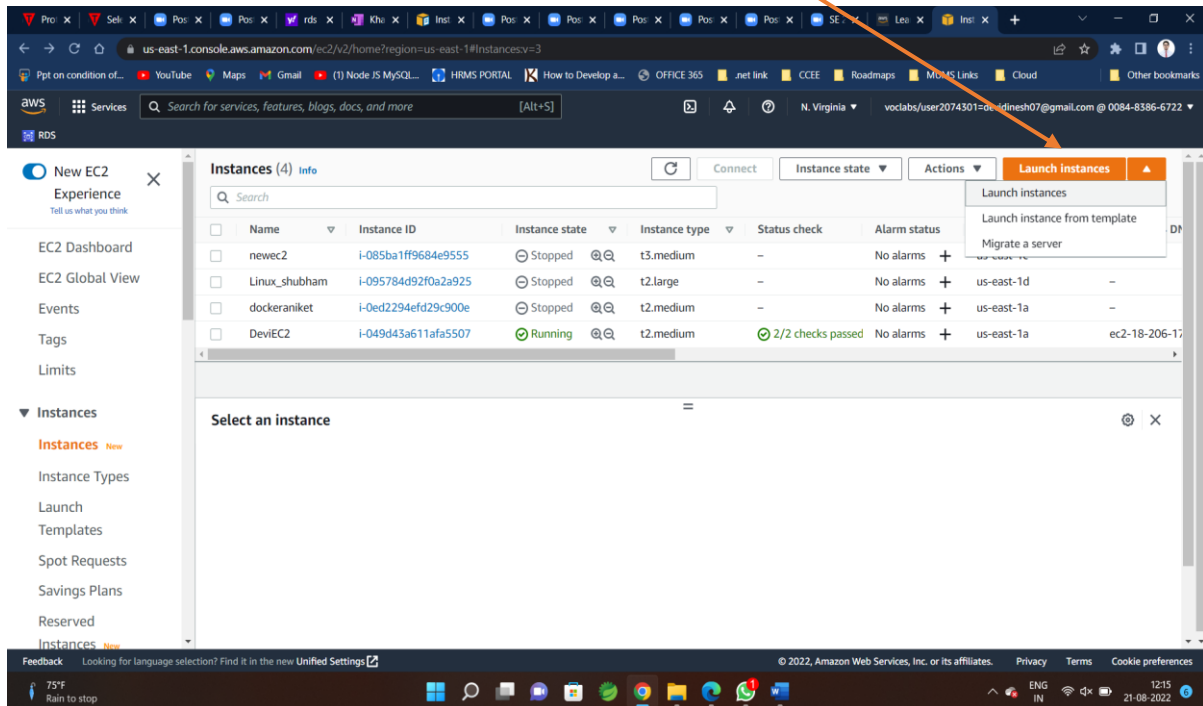


**Or** if you now the service Name Directly Type in search Bar –Name of Service (ex.EC2)

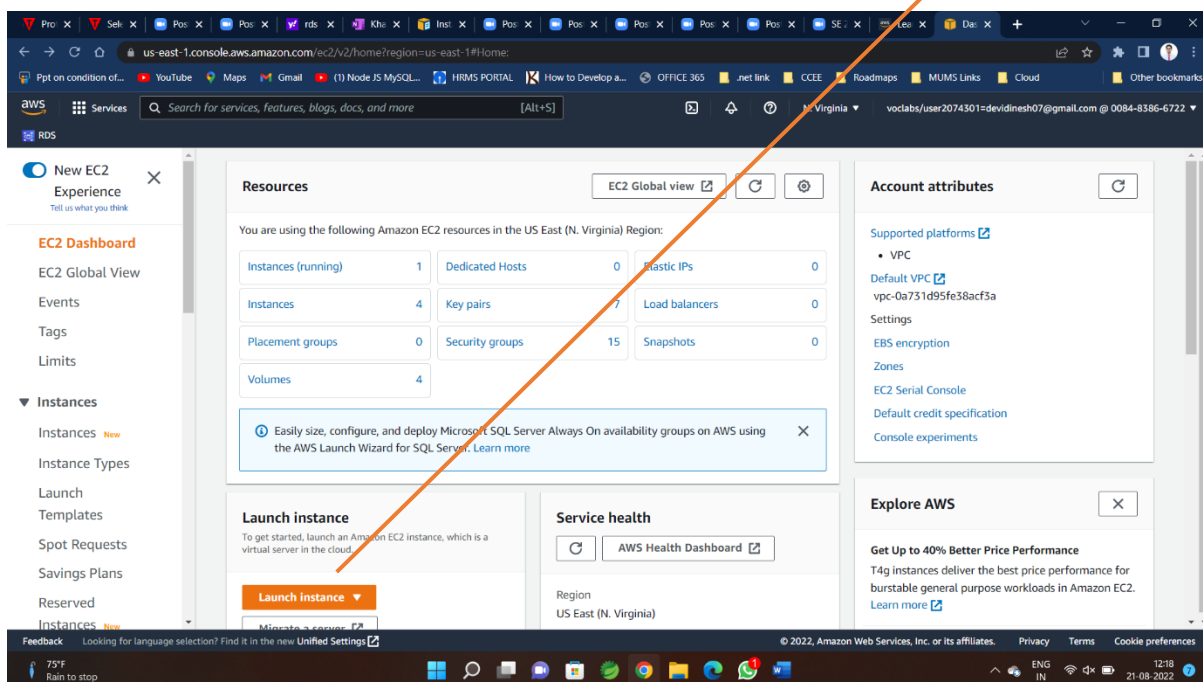


## Step-6

## Click on EC2 → Launch Instance

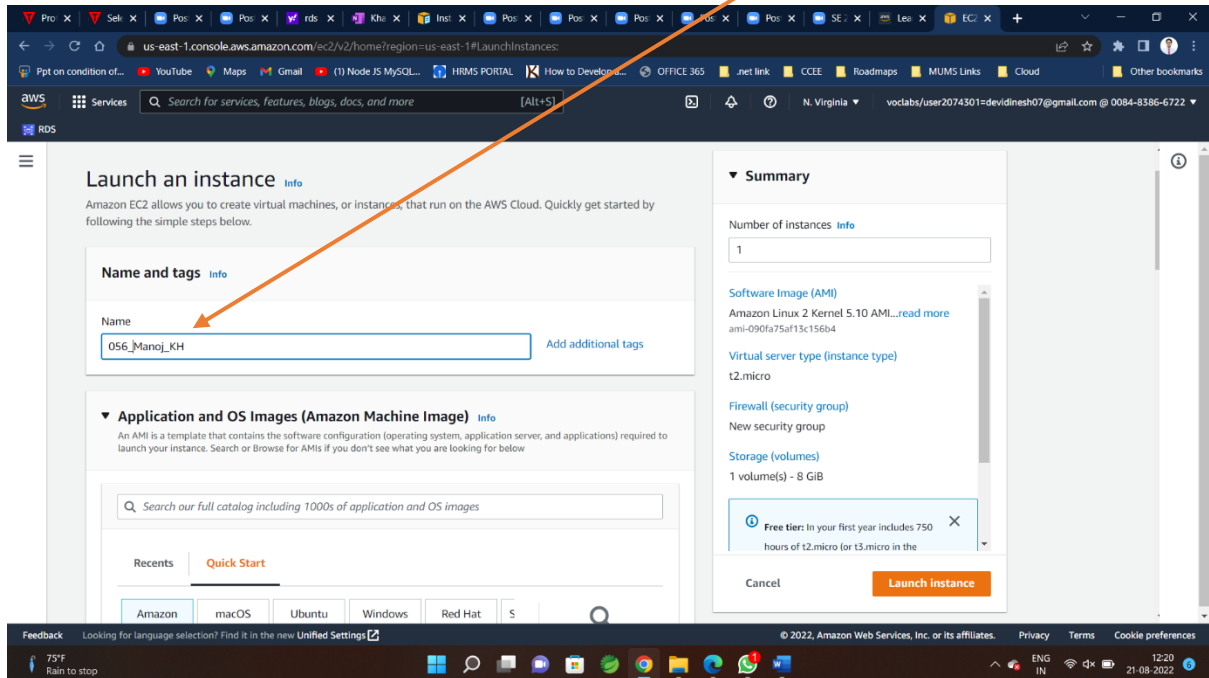


## Or Directly click here



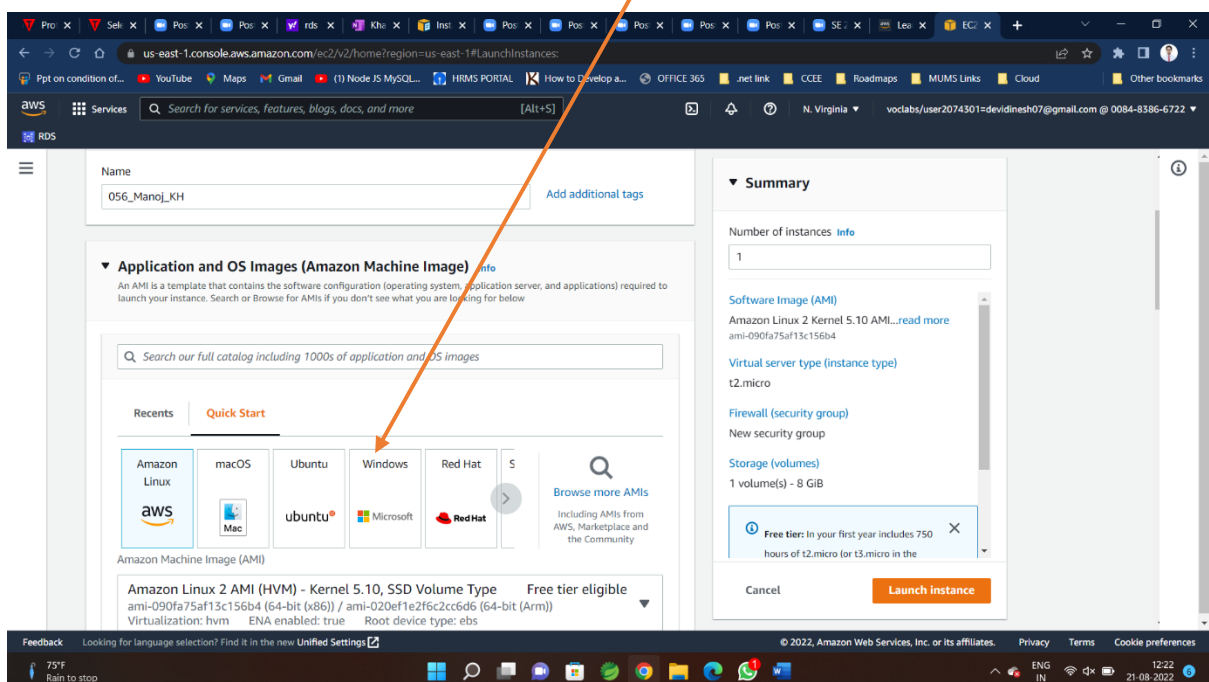
## Step-7

### Select Proper name for instance



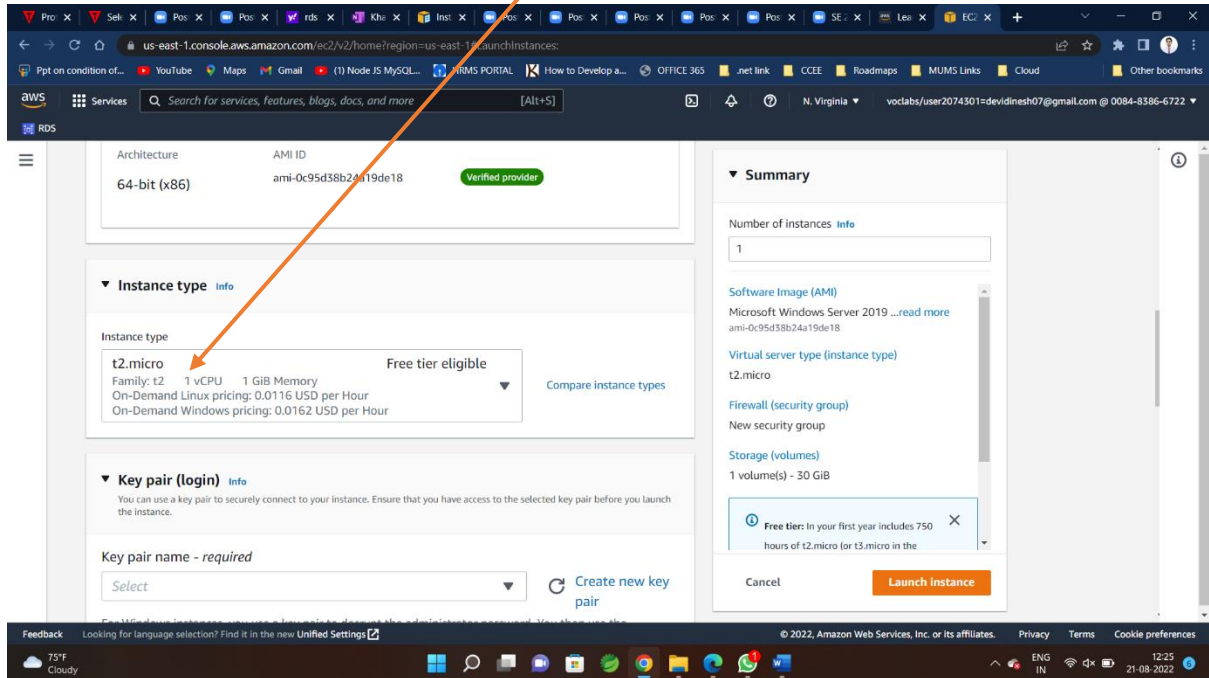
## Step-8

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



## Step-9

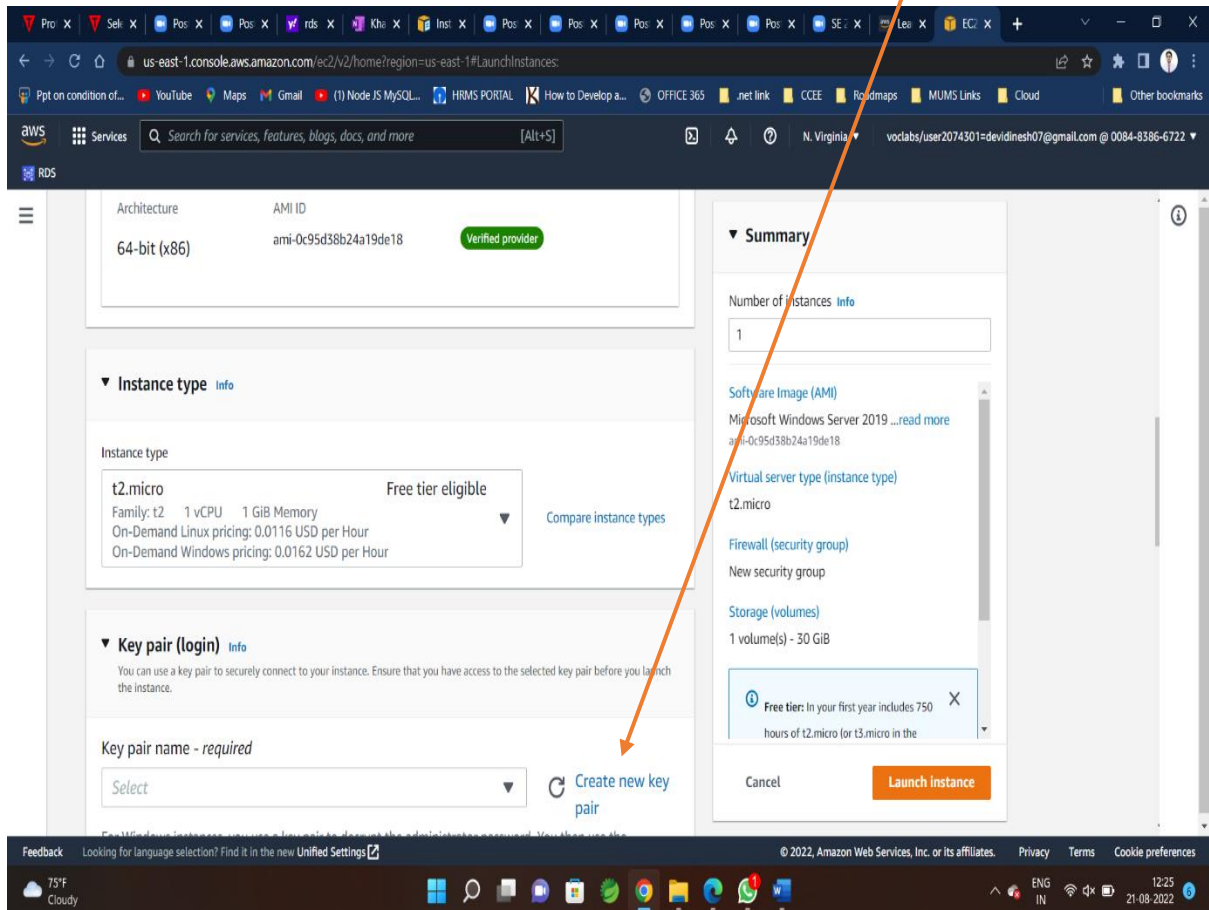
# Select proper instance Type as per Requirement





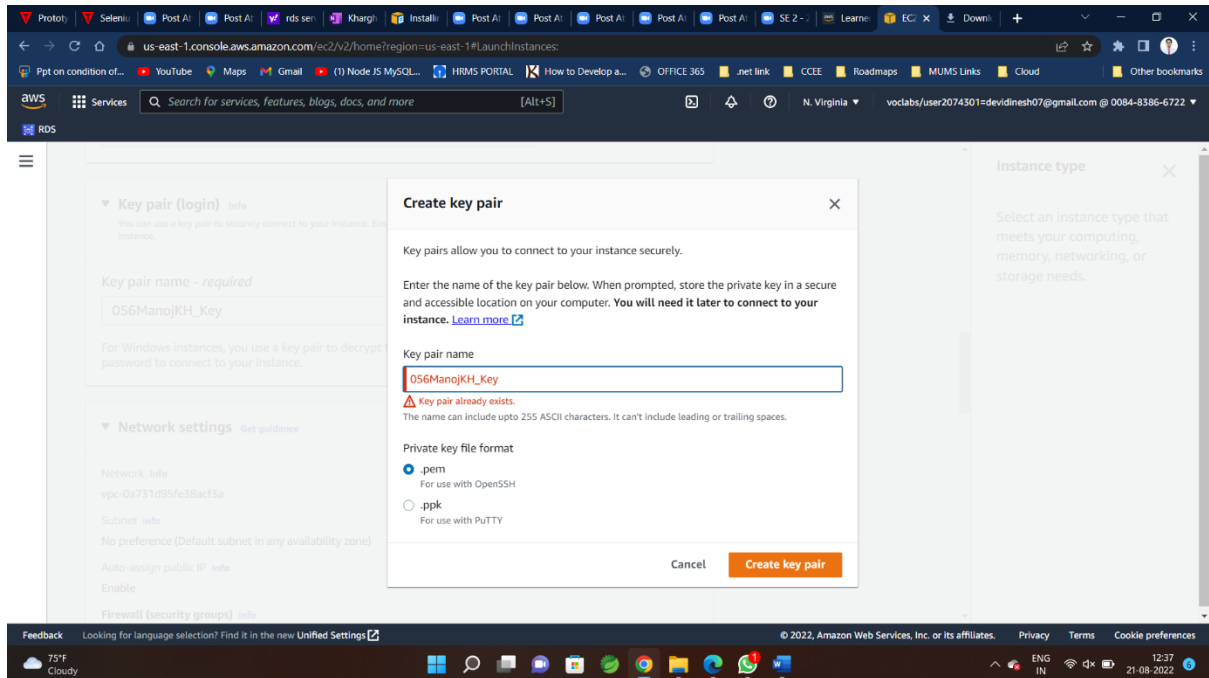
## Step-10

If instance Creating for first time → Create new key Pair

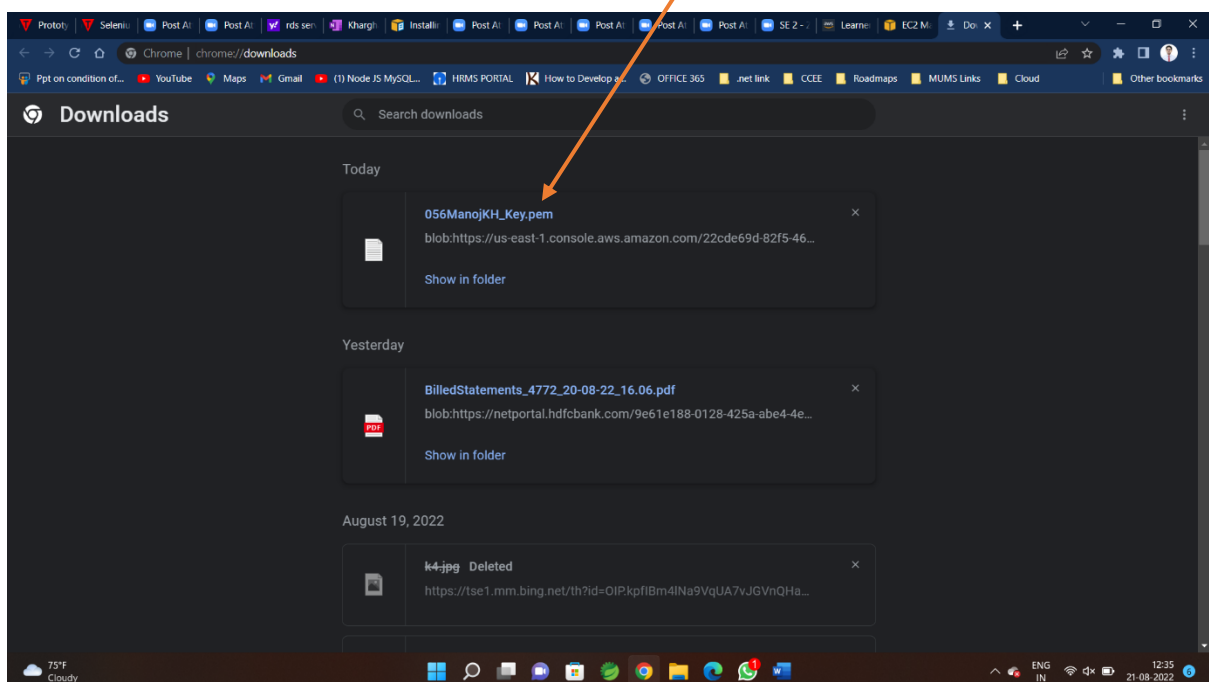


## Step 10.1

### Give proper name for key value pair

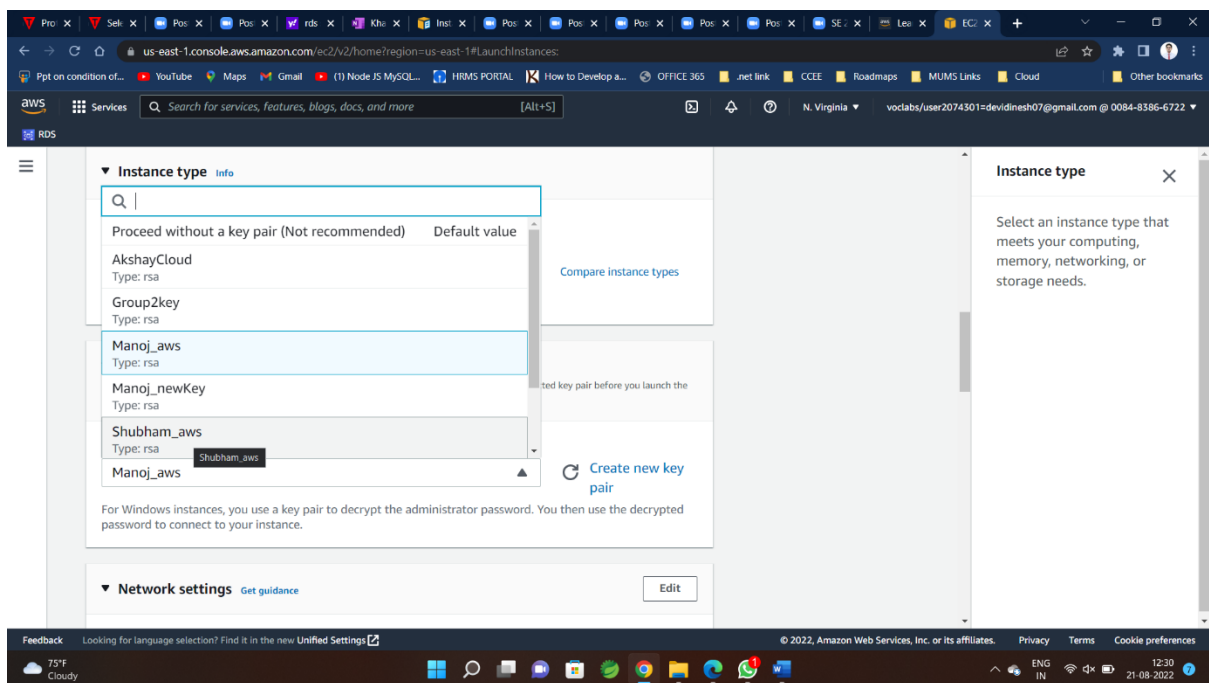


## Step 10.2 keep downloaded .pem file at safe place for further use and security purpose



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

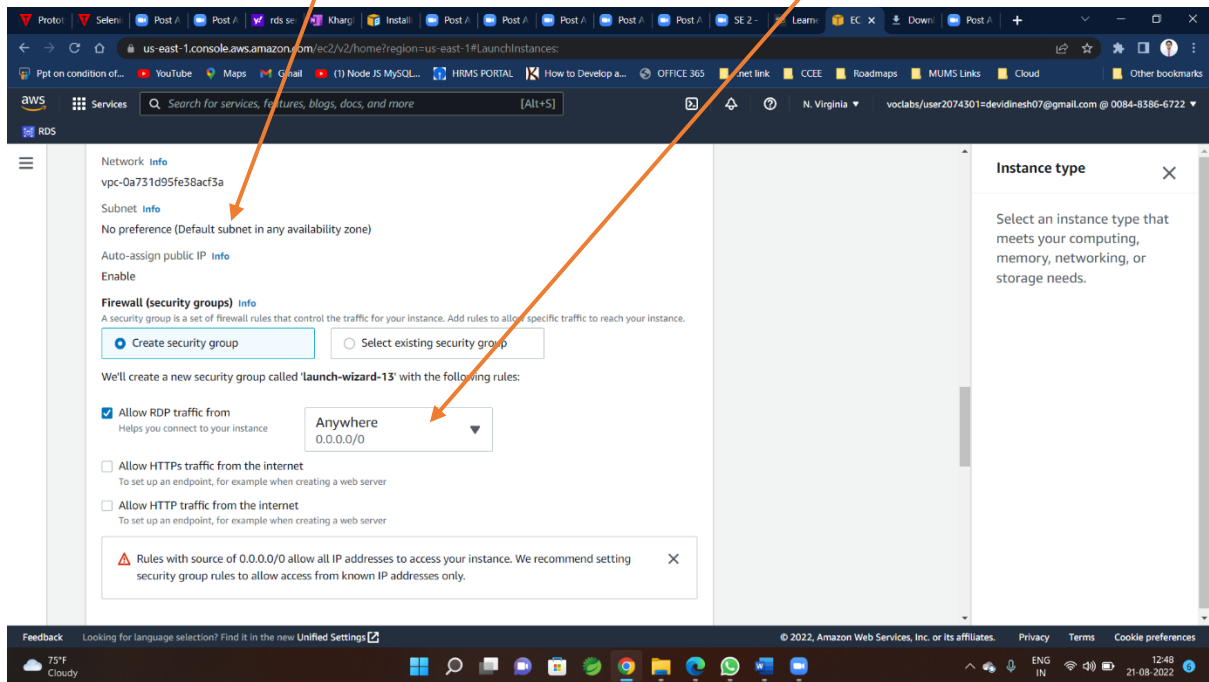
**Reaccommodate to use existing key value pair for all instances**



## Step-11

Initially firewall(Security groups)→create security groups

And keep allow RDP traffic From Anywhere



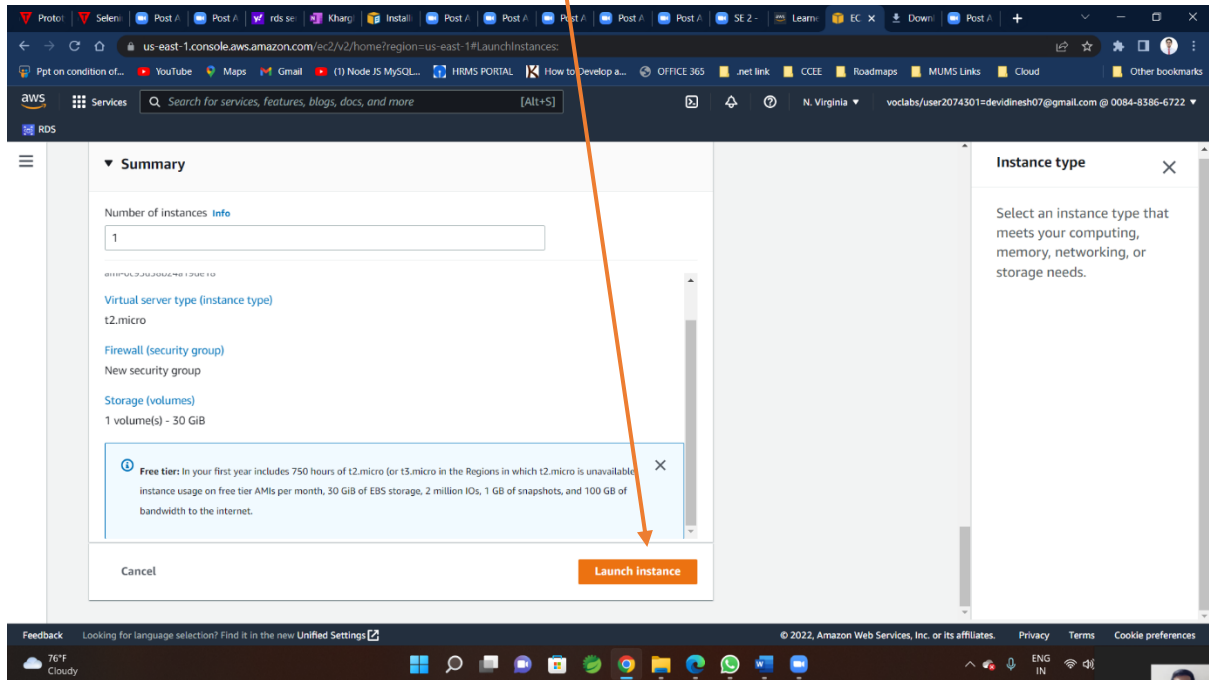
## Step-12

### 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 warning message states: '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.' Below the table, there is a note: 'Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage'. An 'Add new volume' button is present. On the right, the 'Instance type' panel is visible, prompting the user to 'Select an instance type that meets your computing, memory, networking, or storage needs.' The bottom of the screen shows the Windows taskbar with various application icons and system status indicators.

## Step-13

### Click on Launch Instance



# Step-14

## Success message for instance created

