AWS CLOUD ASSIGNMENT 1

NAME: Anjan Padmanabhaiah

BATCH NO: DevOps SA2504024

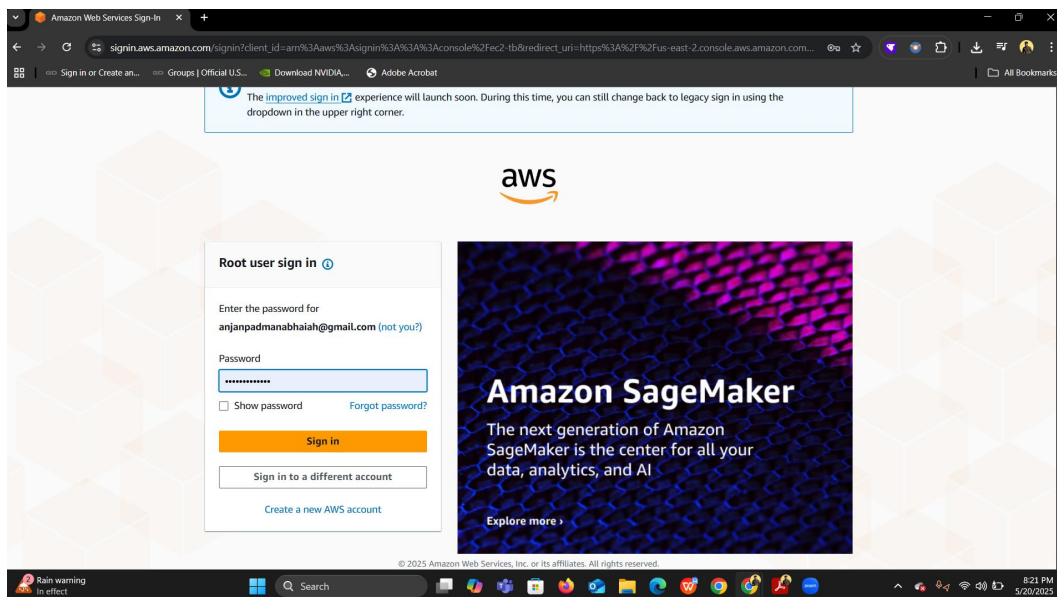**EMAIL ID:** anjanpadmanabhaiah@gmail.com

Question 1. Demonstrate the AWS EC2 Ubuntu Instance Creation steps and connect to EC2 Instance using Mobaxterm/putty agent

Solution:
To launch AWS EC2 Ubuntu instance and connect using Mobaxterm/putty agent can be done using following steps:
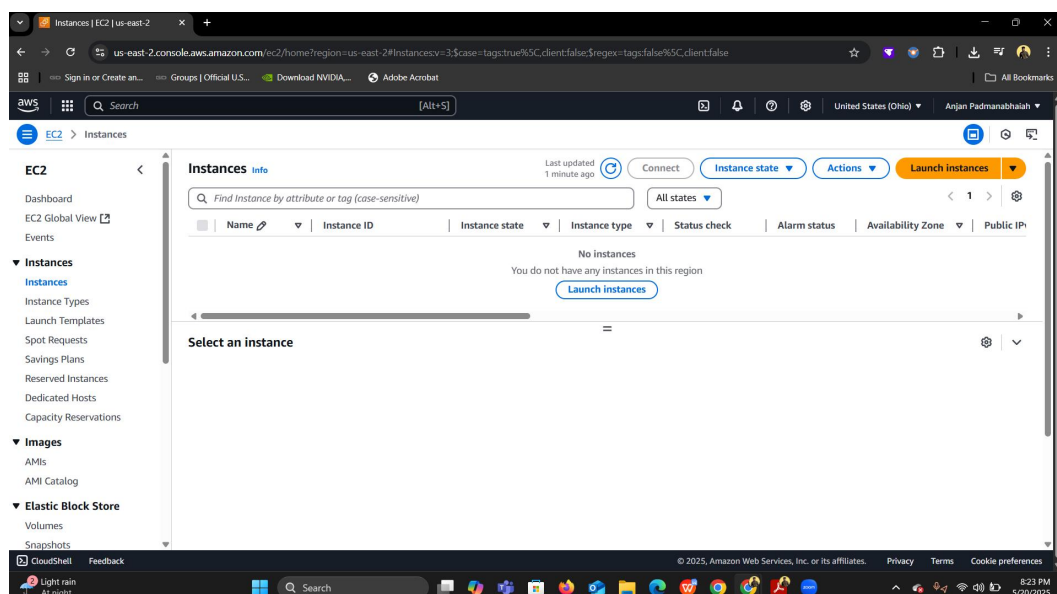
Step 1:
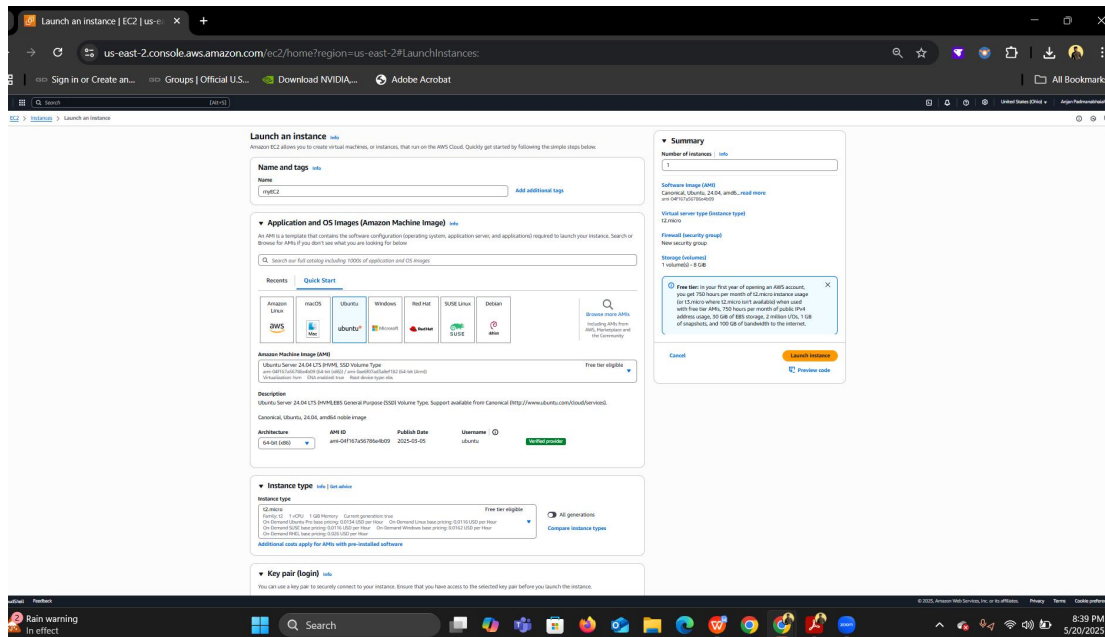Login to AWS account using console :

Step 2 :
Open EC2 Dashboard
- In home page search bar, find for ec2
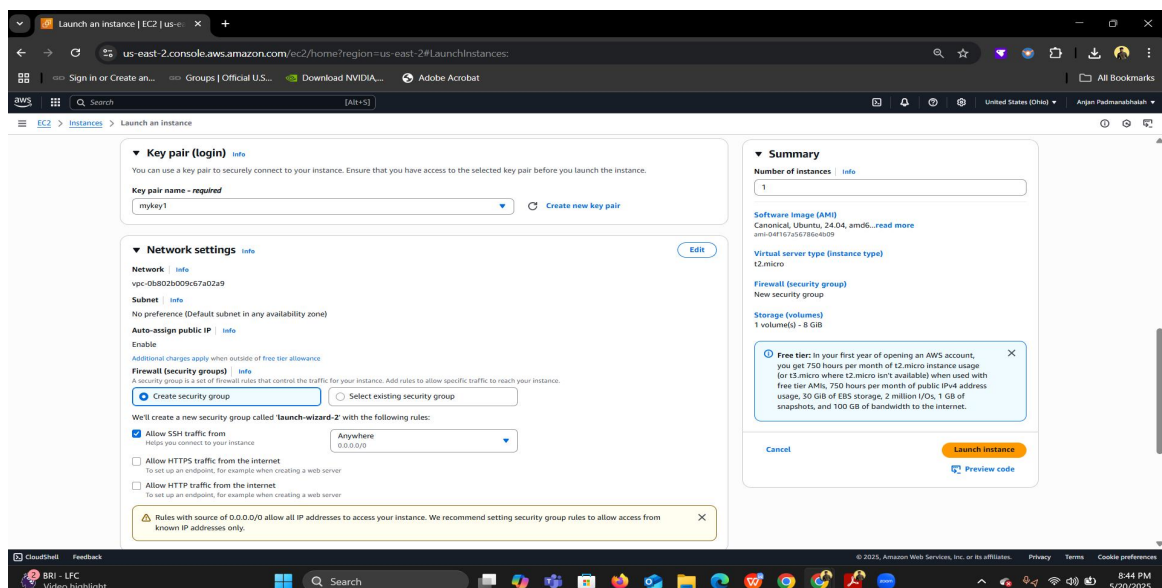- Click on EC2 to open ec2 dashboard

Step 3:
Launch a Instance

- To Launch an instance we have to click on launch instance,
- Name your instance, I am naming my instance as myEC2
- Select AMI as Ubuntu server
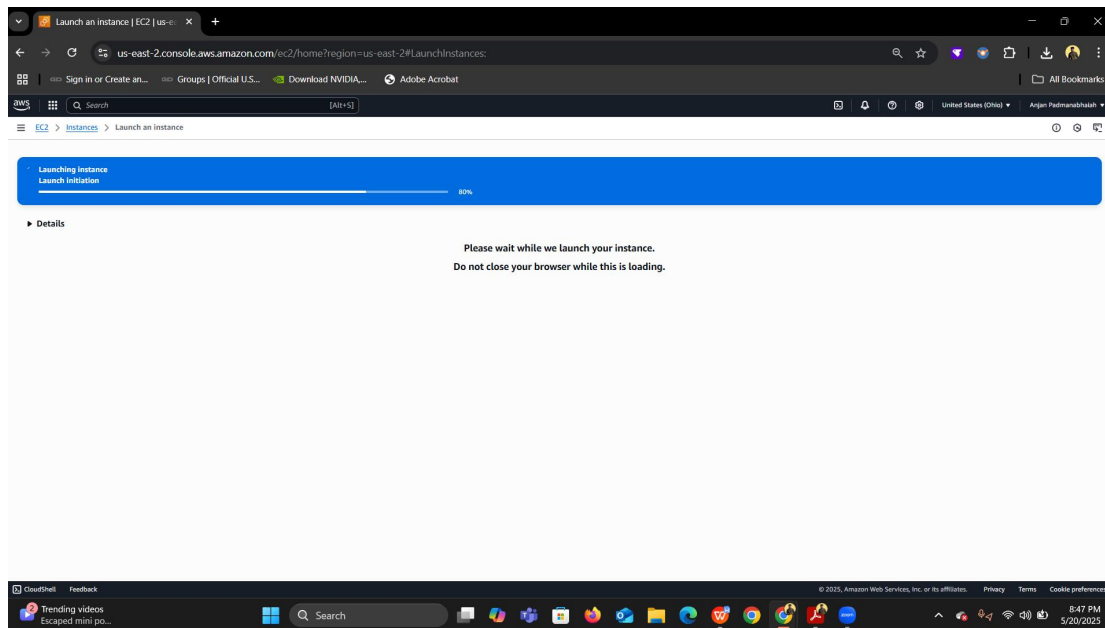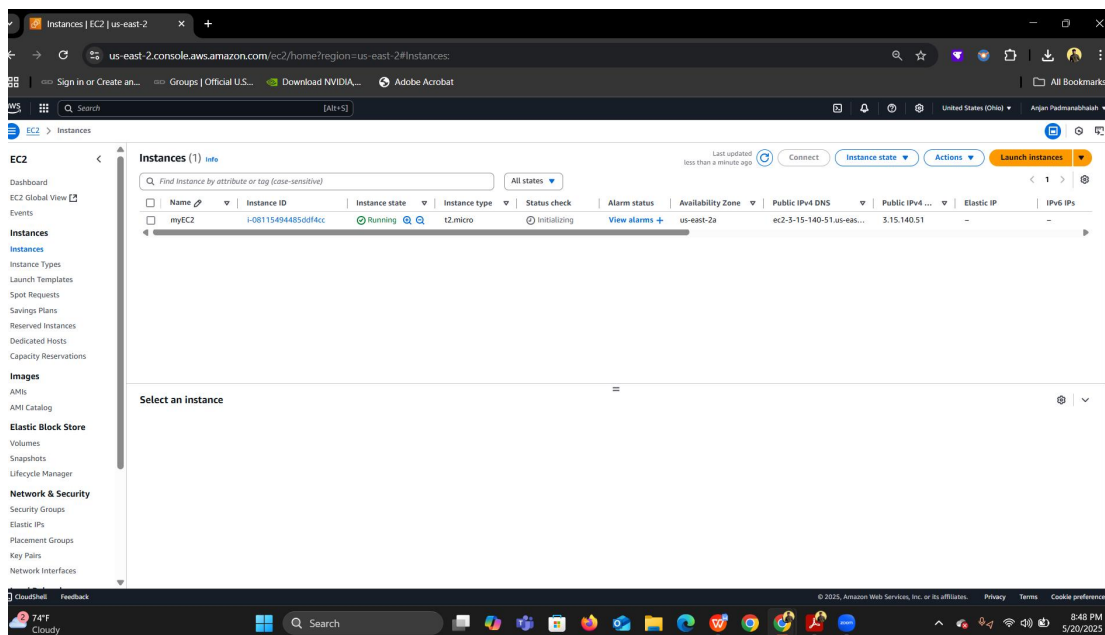- Also select instance type to t2.micro

Step 4:

- In next option Key Pair I have created a new key pair named mykey1

Keeping values of keypair as type = RSA, private key file format as .pem

- Keypair automatically downloaded.

Left other setting for default
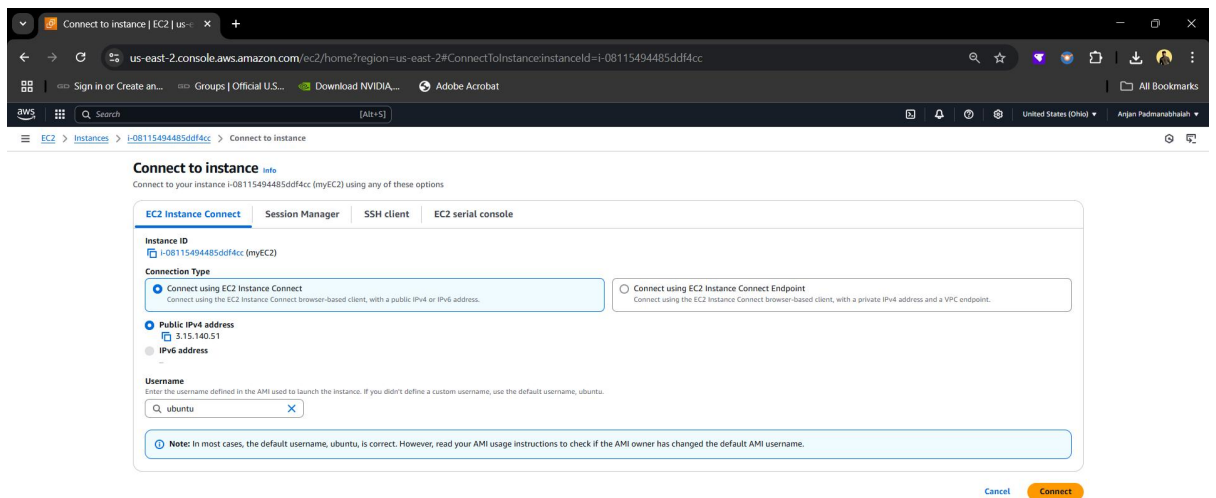
Instance is being Launched :

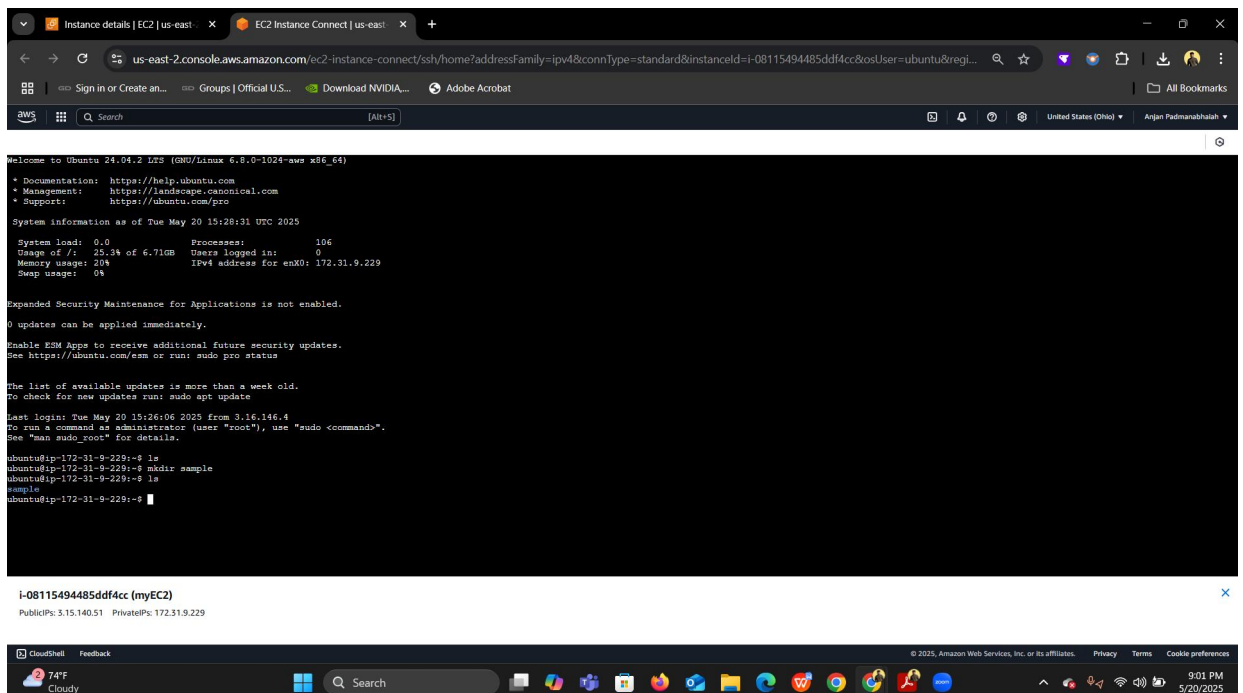# Instance running in us-east-2a location visible on EC2 dashboard :

Step 5 : confirming the instance being running or not

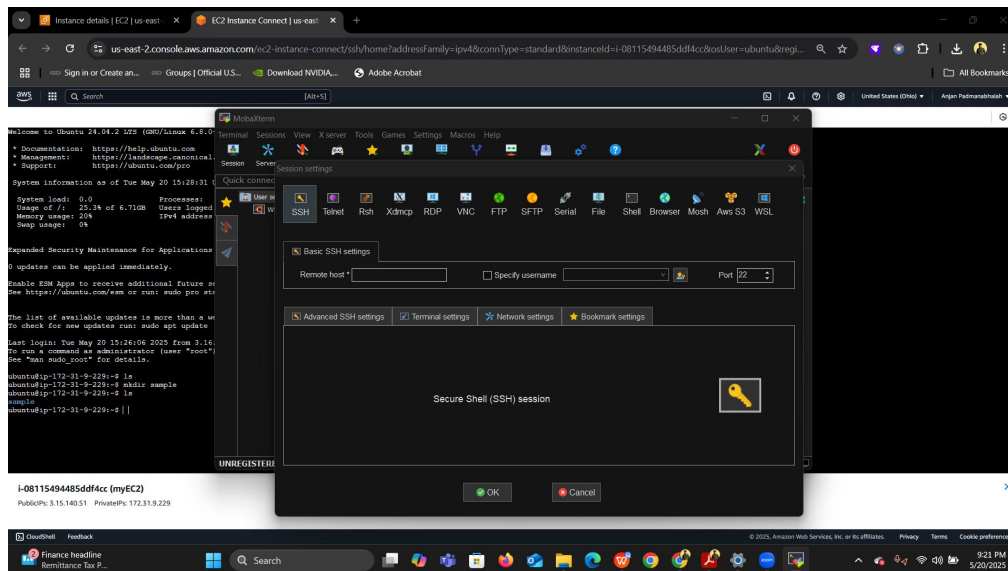- Click on instance ID and select connect.

- **Instance created and connected on browser tab**

Part 2 : Connecting EC2 using MobaXterm

- Installed MobaXterm and opened connection to SSH window.
- Adding my instance details like public DNS and uploading .pem keypair file to connect to instance

Successfully Connected to EC2 server using SSH in MobaXterm :