

Title : Case Study On Amazon EC2 and learn about Amazon EC2 Web Services

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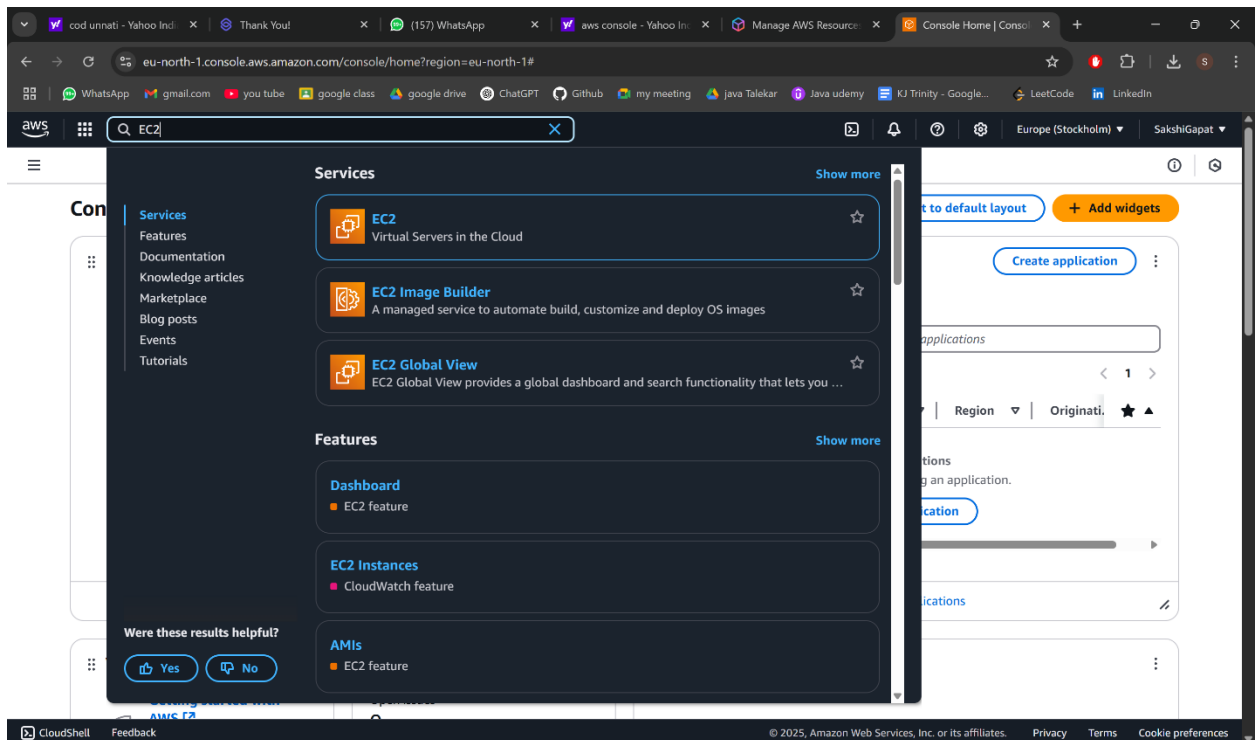
Class : TE Computer Department

Subject : Cloud Computing

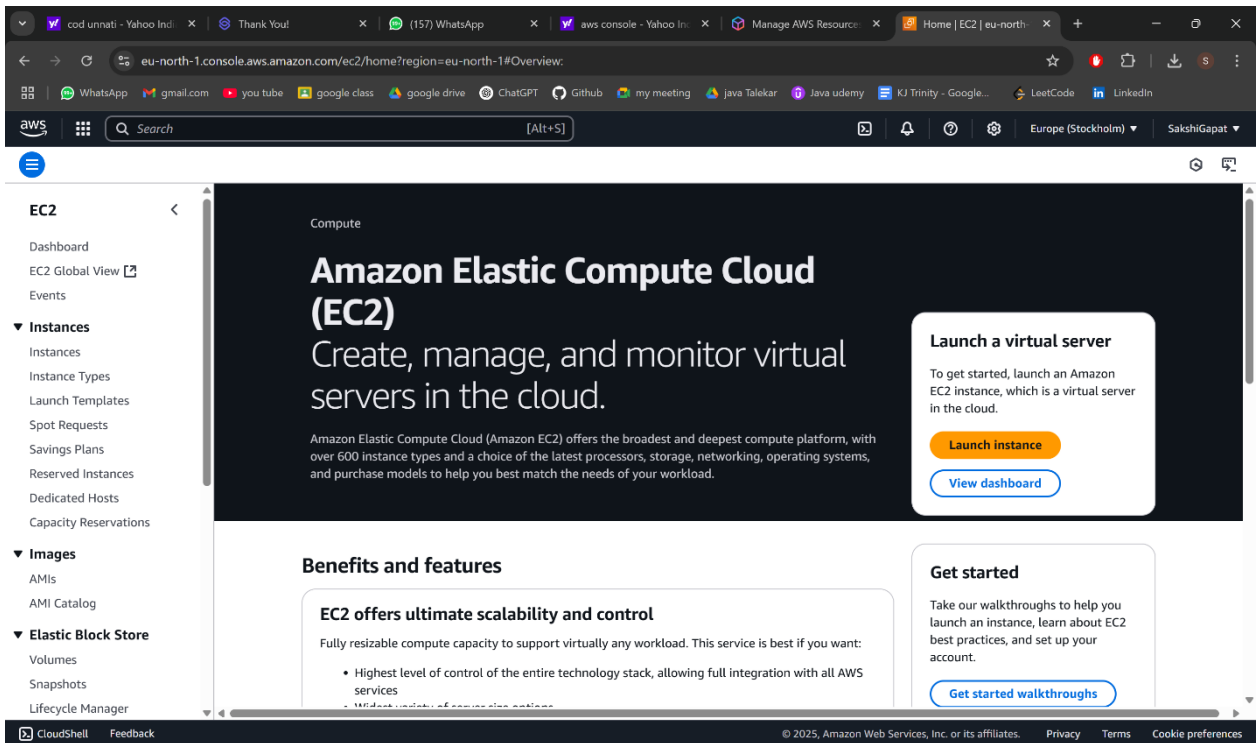
Date :

Step 1 : Sign-in to AWS account and open IAM console by using the following link - <https://console.aws.amazon.com/iam/> .

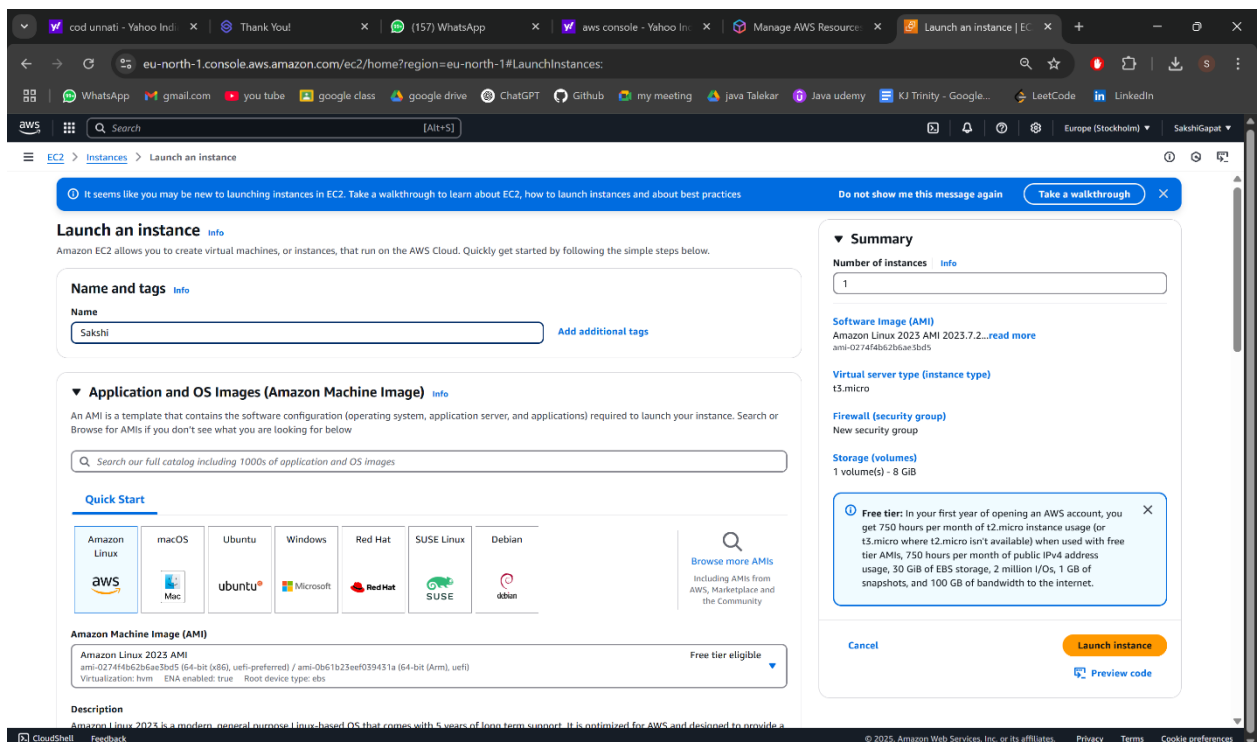
Step 2 : Navigate to EC2 instance page



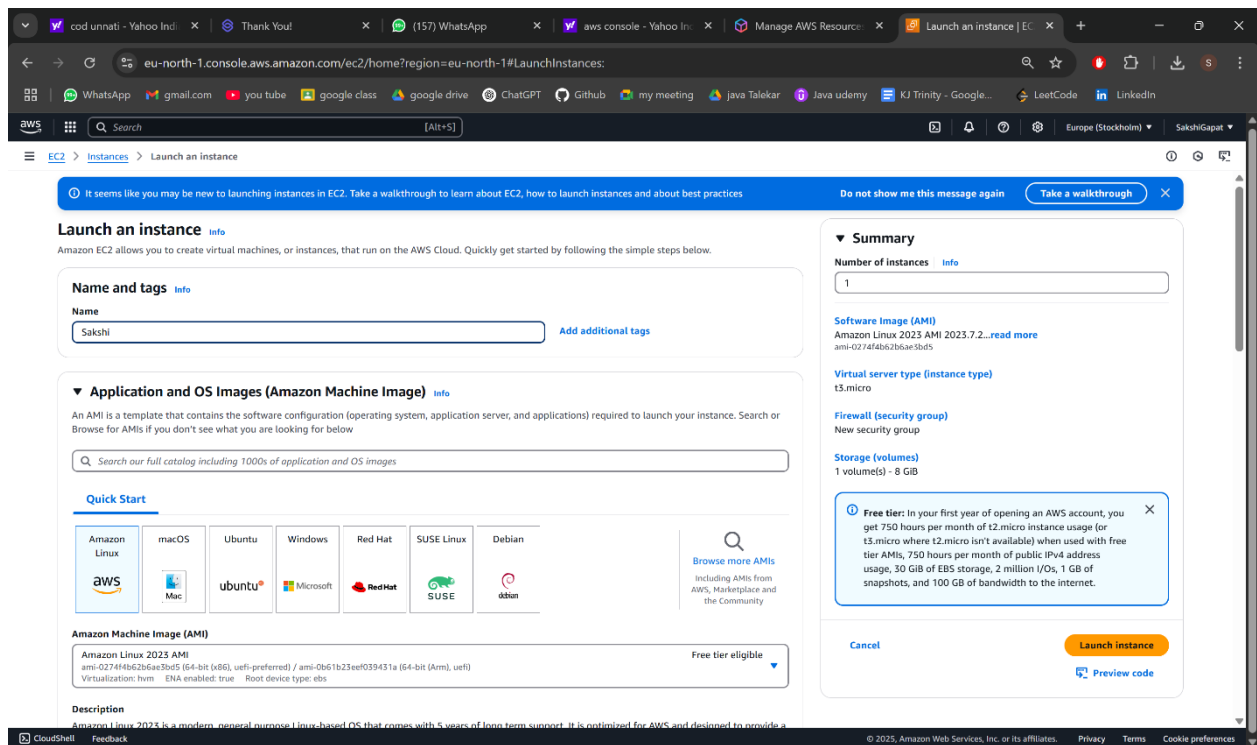
Step 3 : Follow following steps to create EC2 instance in VM using required AMI



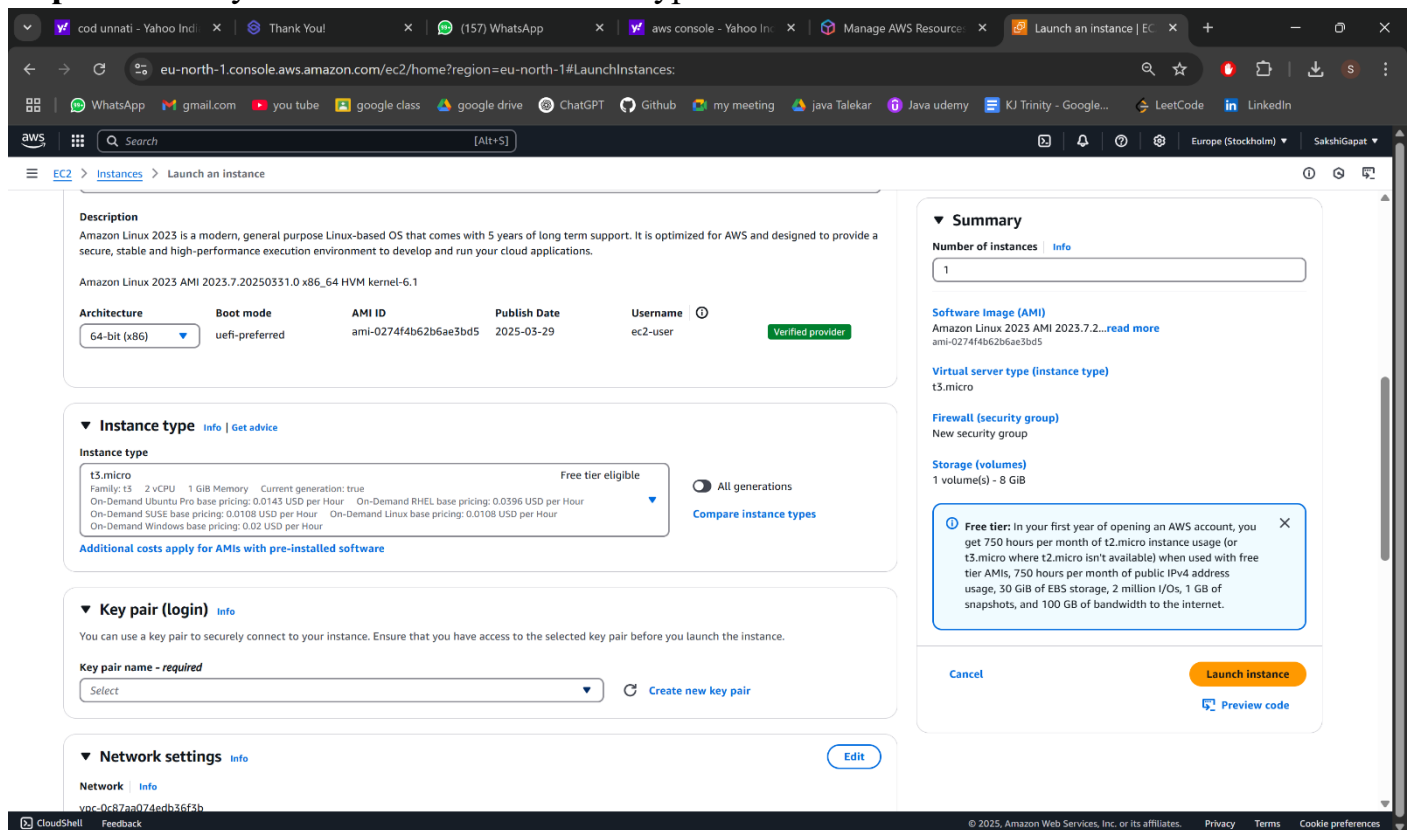
Step 4 : Name an instance



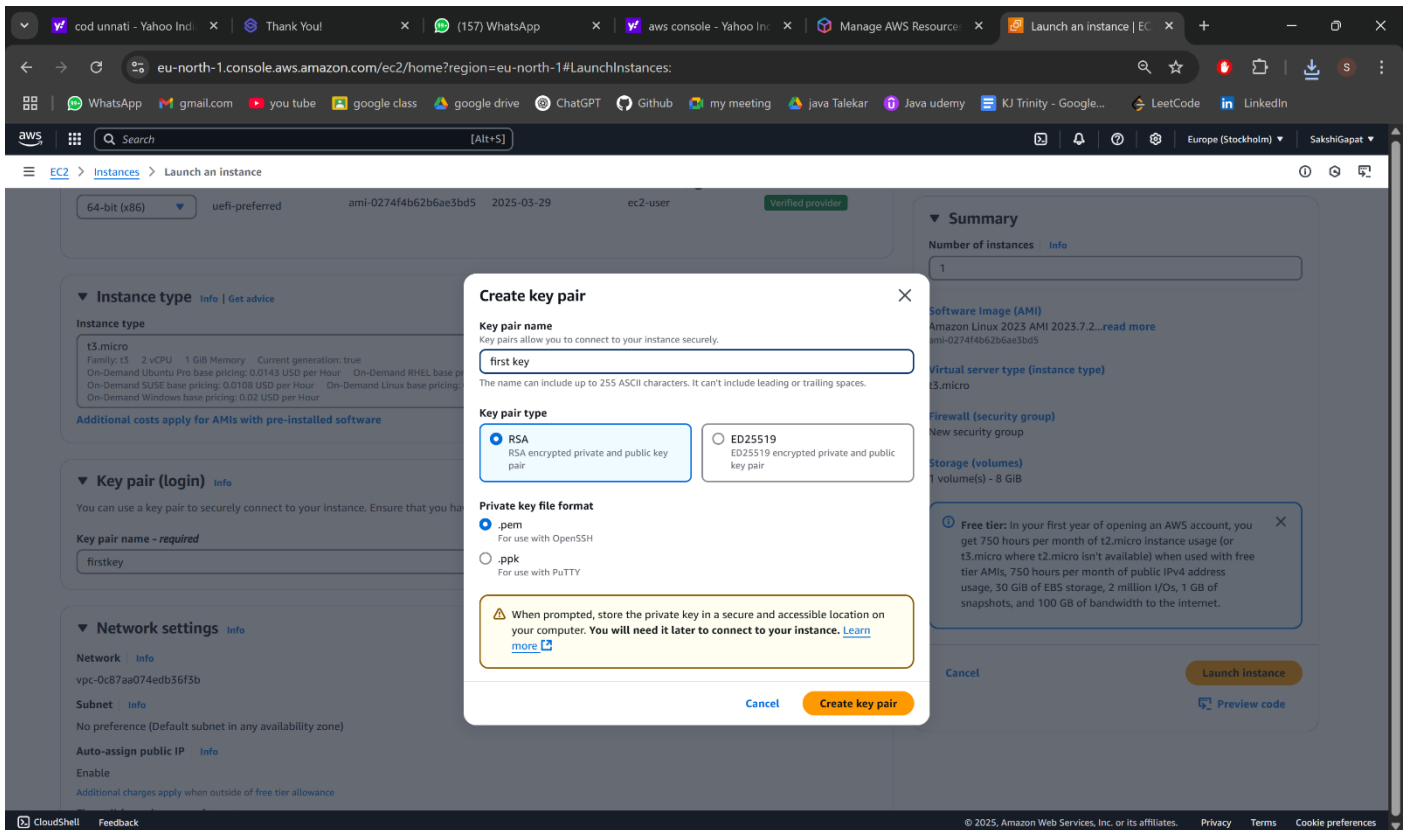
Step 5 Choose your OS and Software i.e. AMI



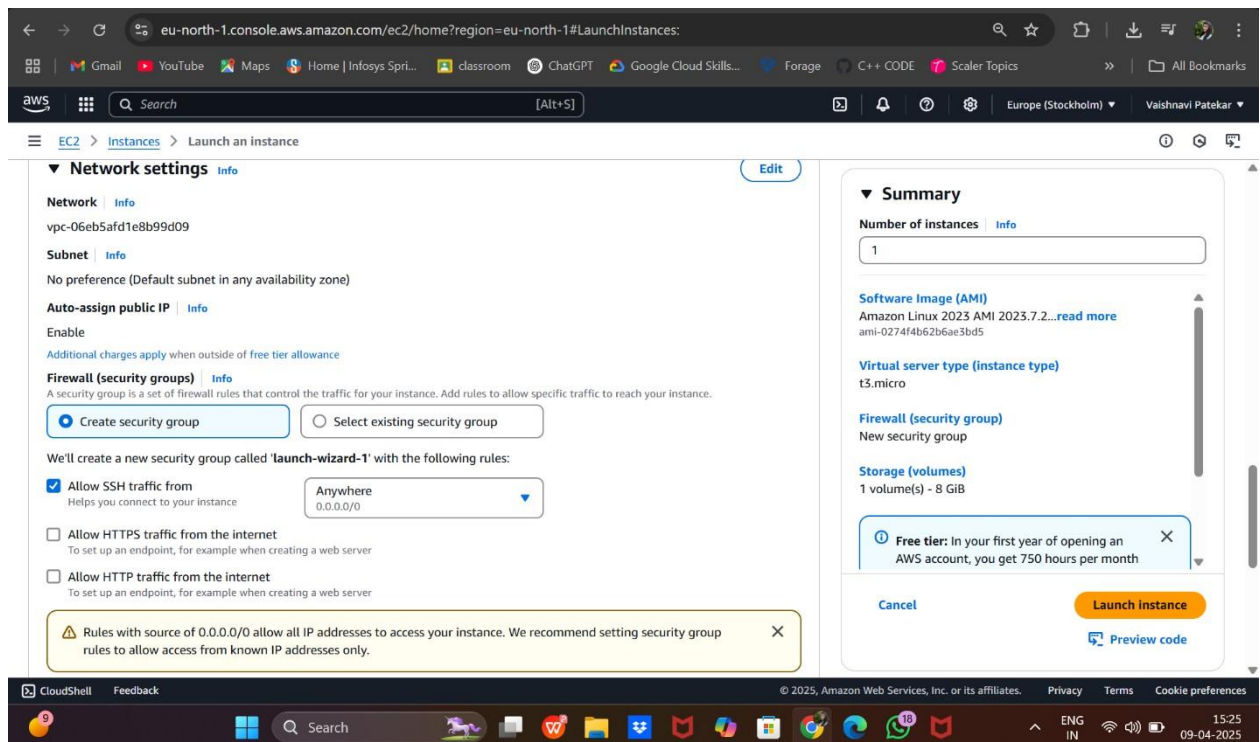
Step 6 Choose your hardware i.e. instance type



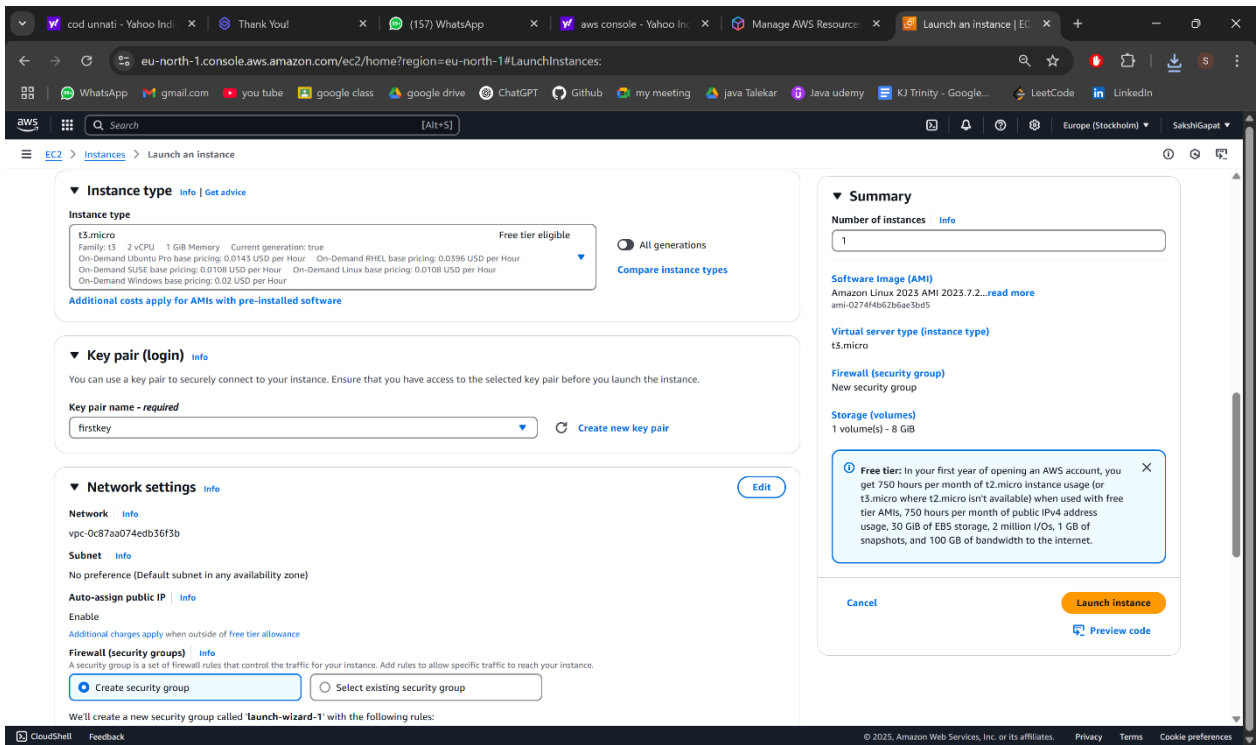
Step 7 : Create Key pair for authorization



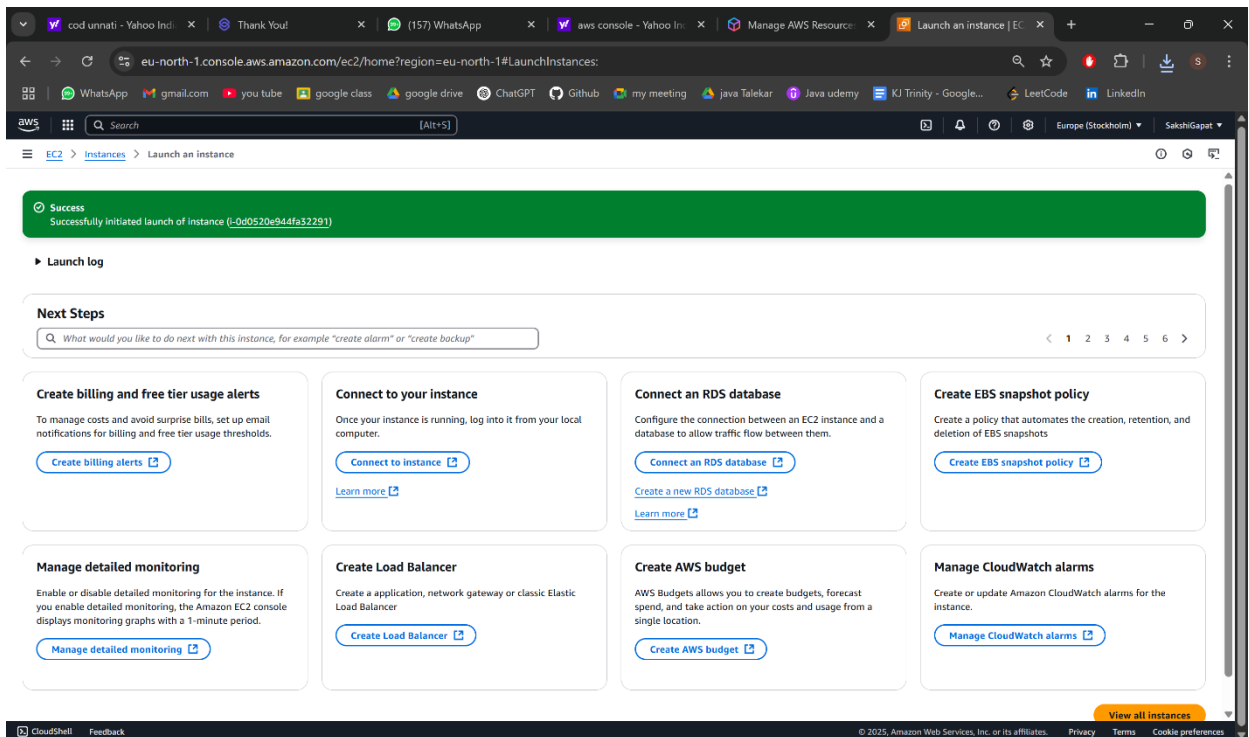
Step 8 : Configure network for enabling network access



Step 9 : Configure your storage



Step 10 :Launch the instance



Step 11 : Connect to the instance and Start Working

eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#ConnectToInstance:instanceId=i-0d0520e944fa32291

EC2 > Instances > i-0d0520e944fa32291 > Connect to instance

Connect to instance Info

Connect to your instance i-0d0520e944fa32291 (Sakshi) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance ID
i-0d0520e944fa32291 (Sakshi)

Connection Type

☒ Connect using EC2 Instance Connect
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 or IPv6 address.

☐ Connect using EC2 Instance Connect Endpoint
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

Public IPv4 address
13.60.163.243

IPv6 address

Username
Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ec2-user.

ec2-user

Note: In most cases, the default username, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel Connect

CloudShell Feedback

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eu-north-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0d0520e944fa32291&osUser=ec2-user

Amazon Linux 2023

```
https://aws.amazon.com/linux/amazon-linux-2023
```

ec2-user@ip-172-31-39-194 ~\$

i-0d0520e944fa32291 (Sakshi)

PublicIPs: 13.60.163.243 PrivateIPs: 172.31.39.194

CloudShell Feedback

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Conclusion : Successfully Created an EC2 instance.