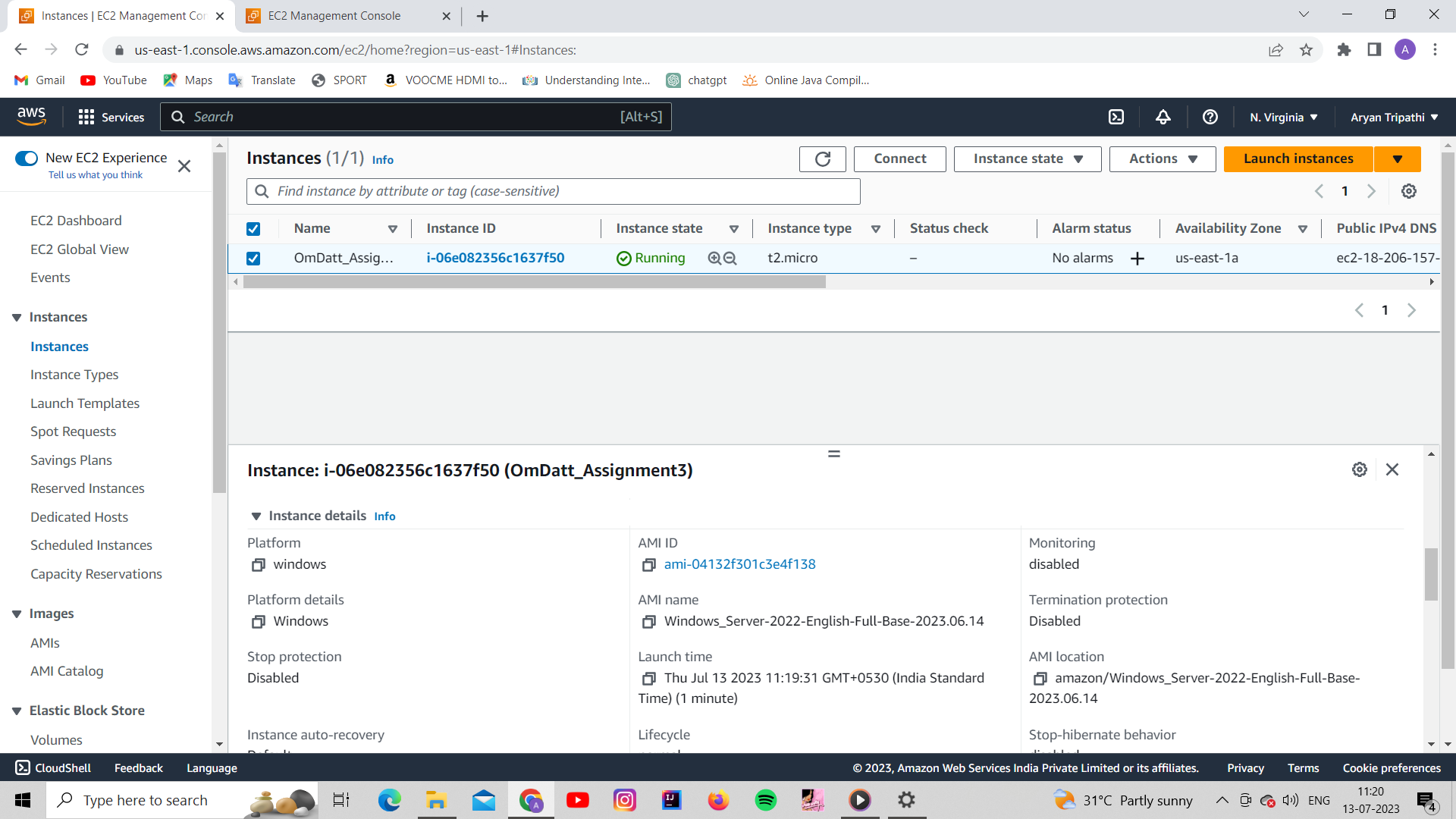
**Assignment-3**

InternshipJOVAC Hands on DevOps Using AWS Tools

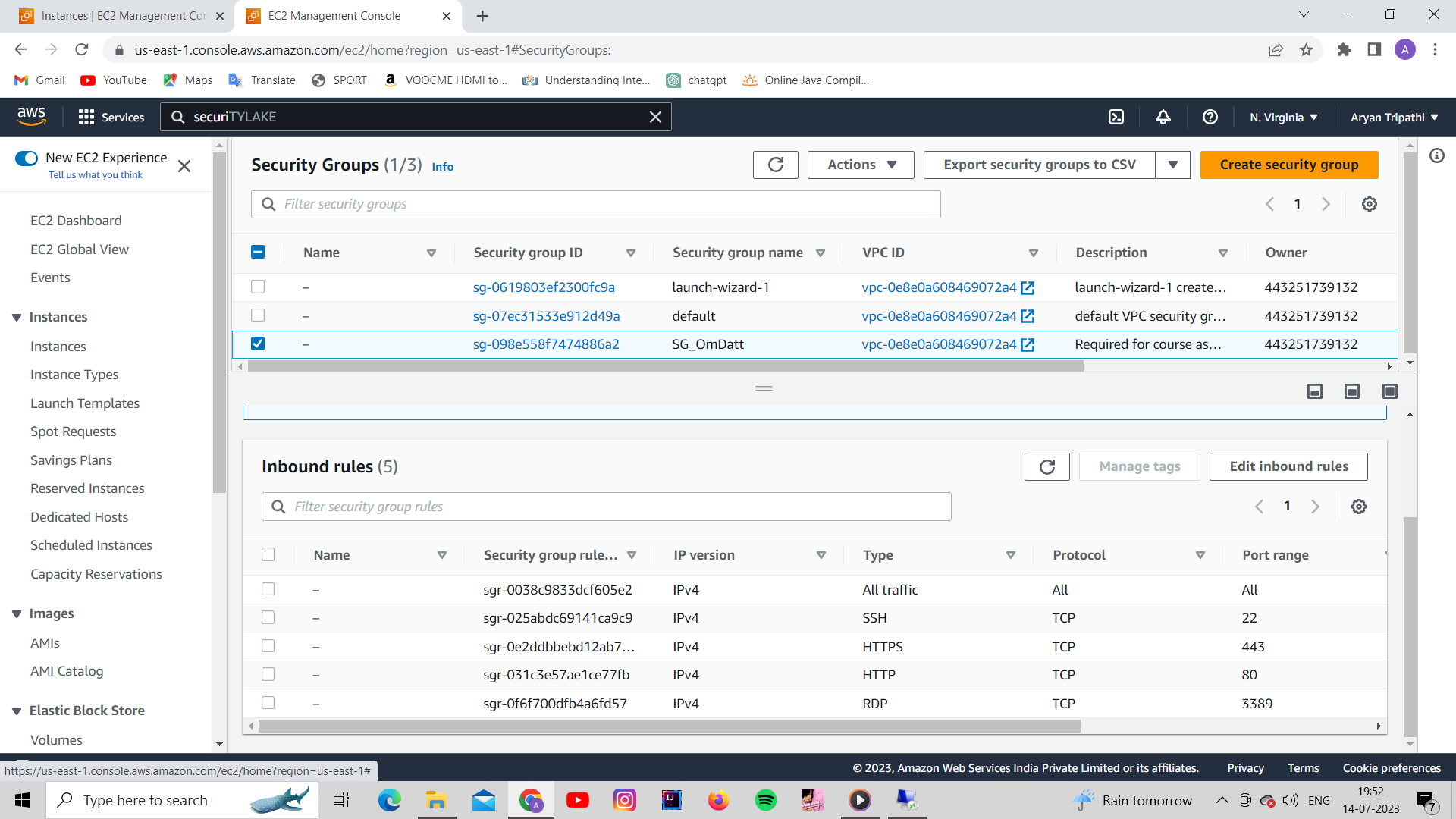
**Name: Om Datt Tripathi University Roll no:2115000688**

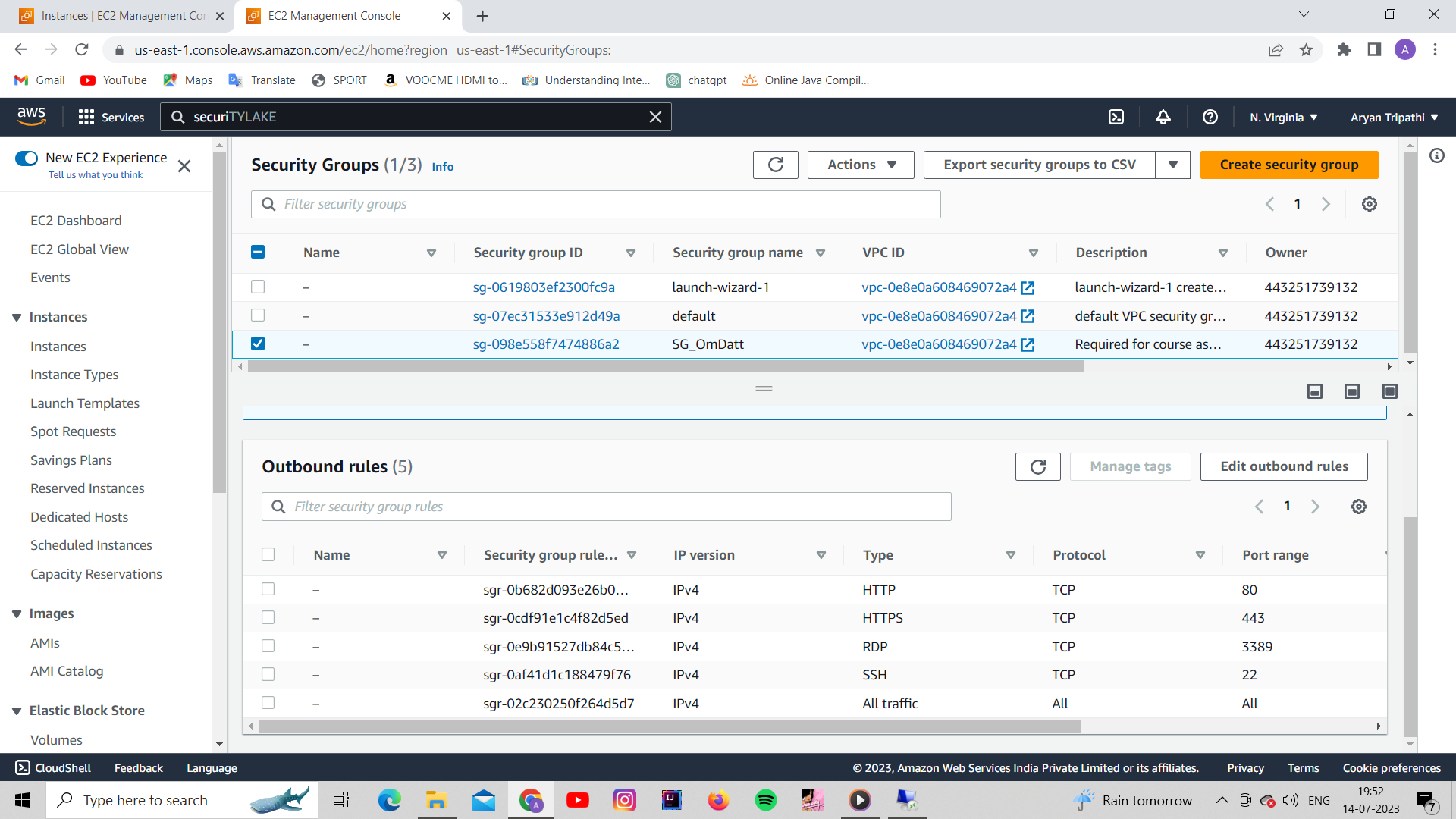
**TASK 1**

1. Create an EC2 <FirstName\_Assignment3> instance using Windows image t2 micro

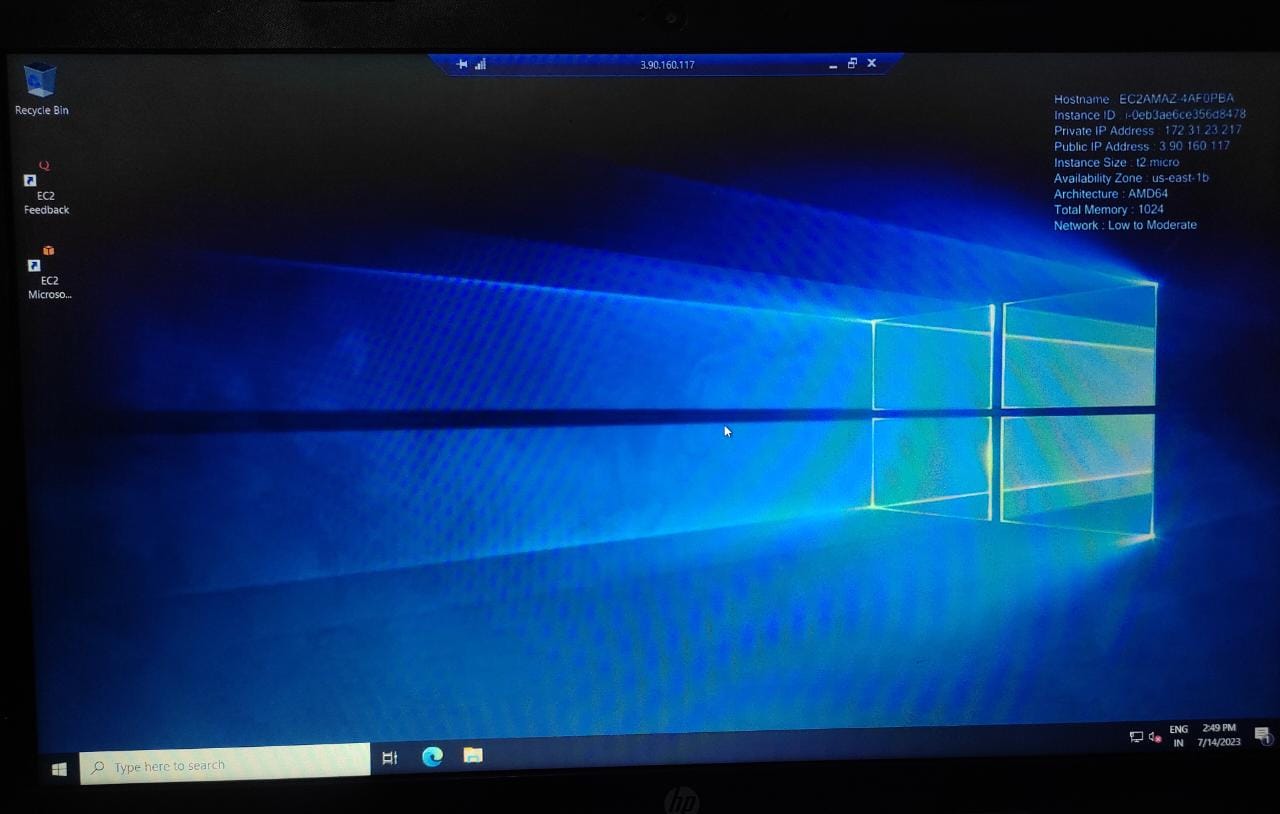


1. Create and Attach a Security Group with ports SSH, HTTP, HTTPS, All Traffic, RDP



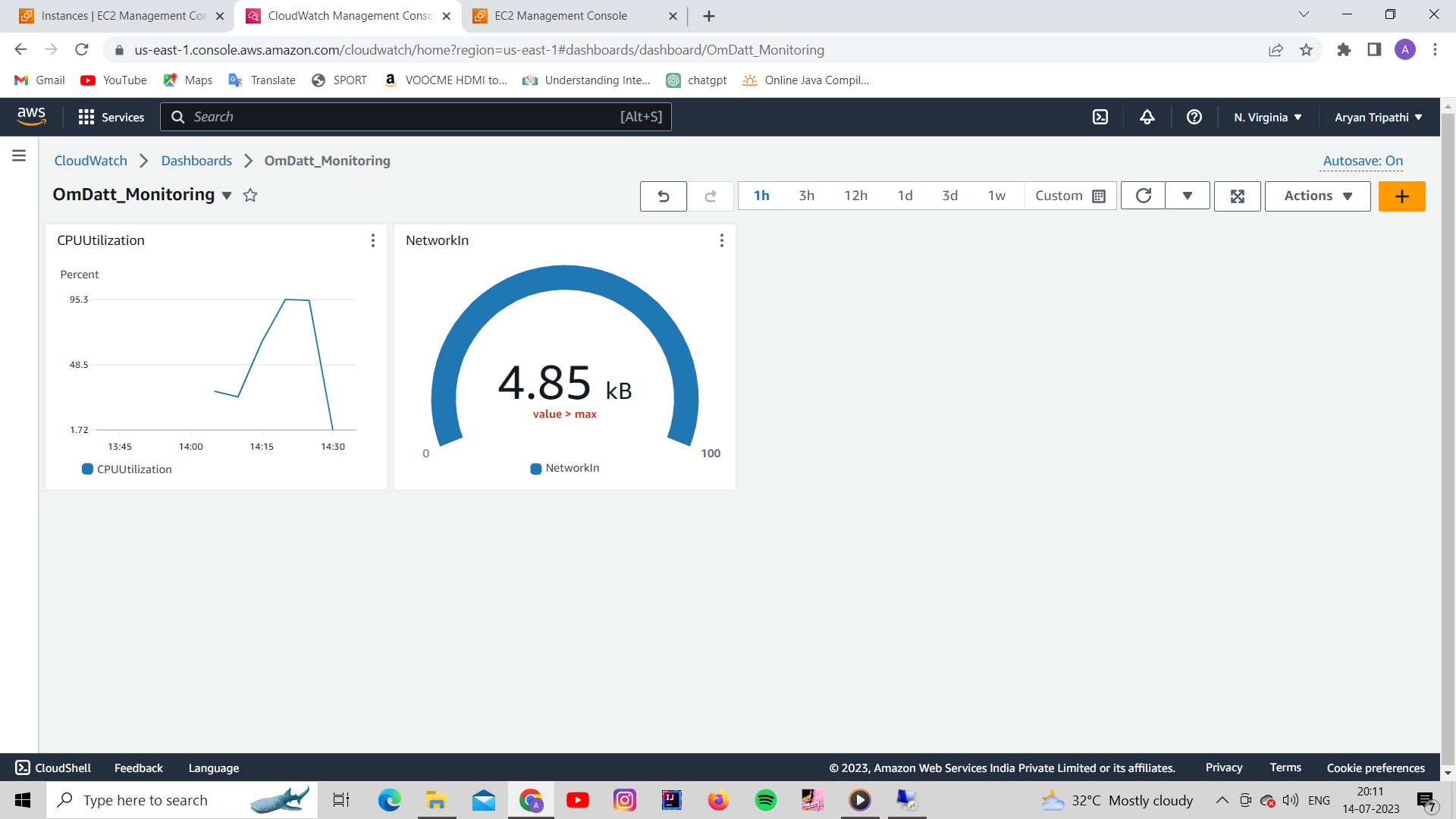


1. Connect your EC2 instance to RDP

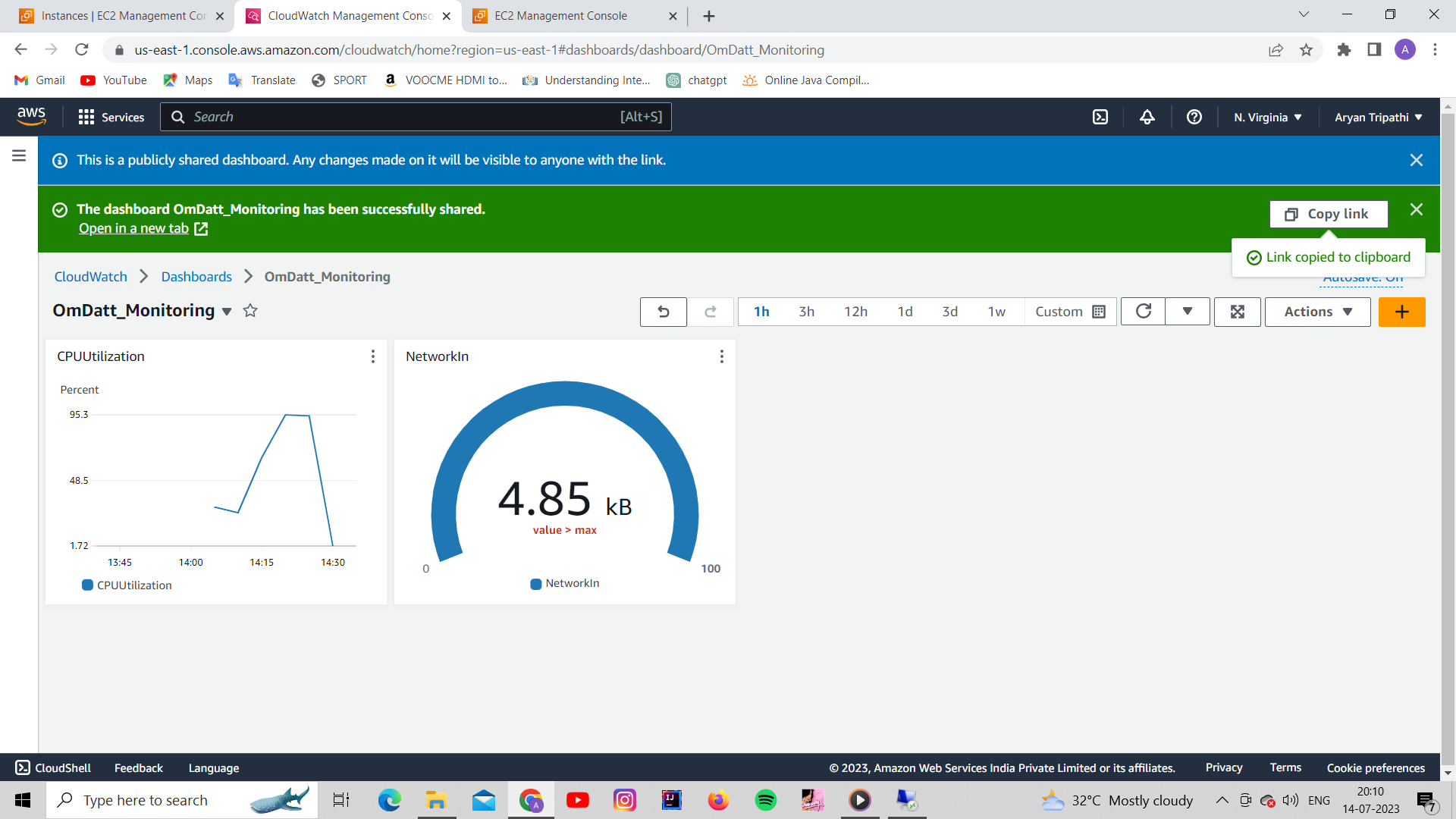


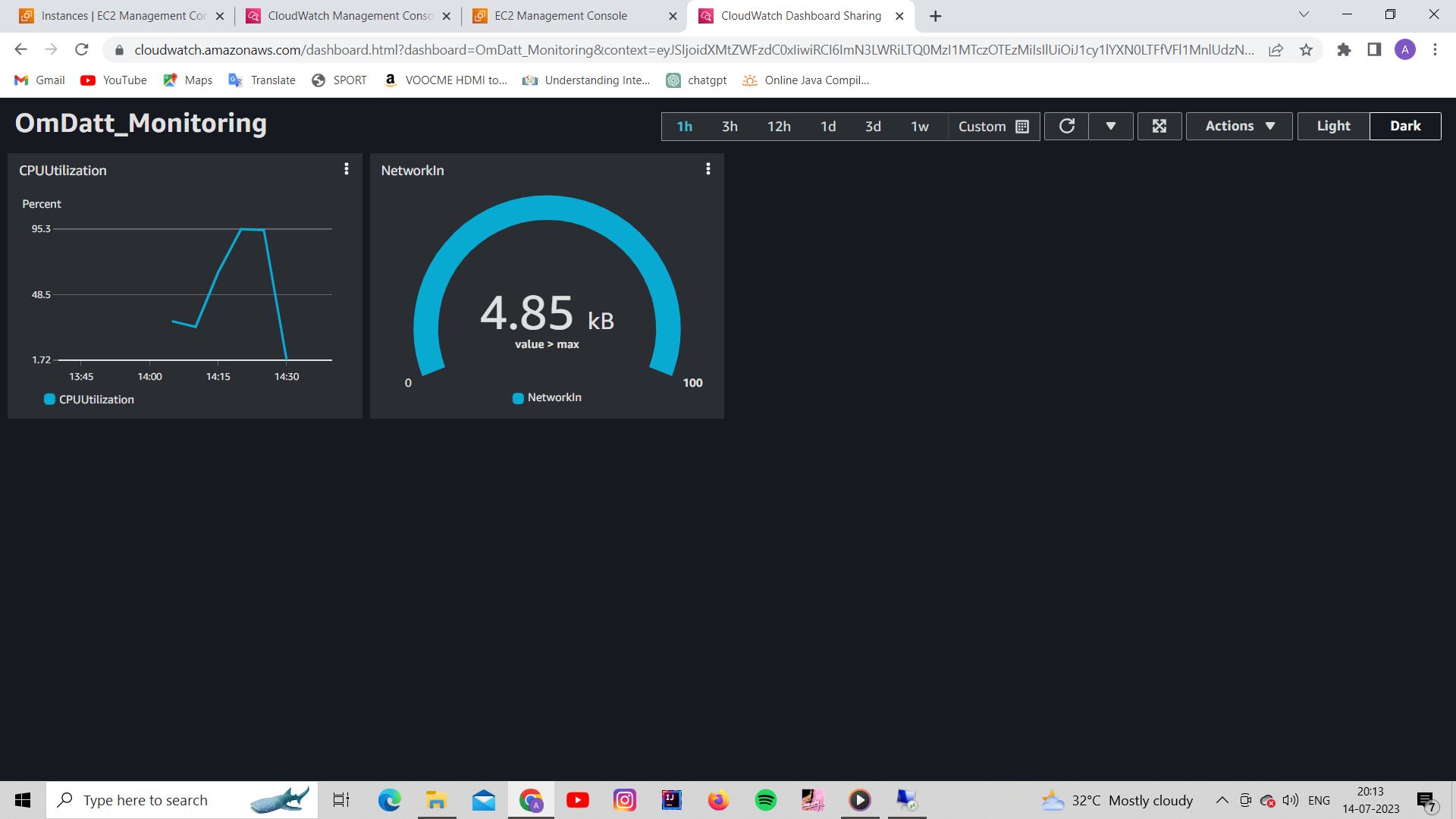
**TASK 2**

1. Create a new Dashboard <Firstname\_Monitoring> in CloudWatch
2. Add metrics for EC2 instance (CPU utilisation, Networks)

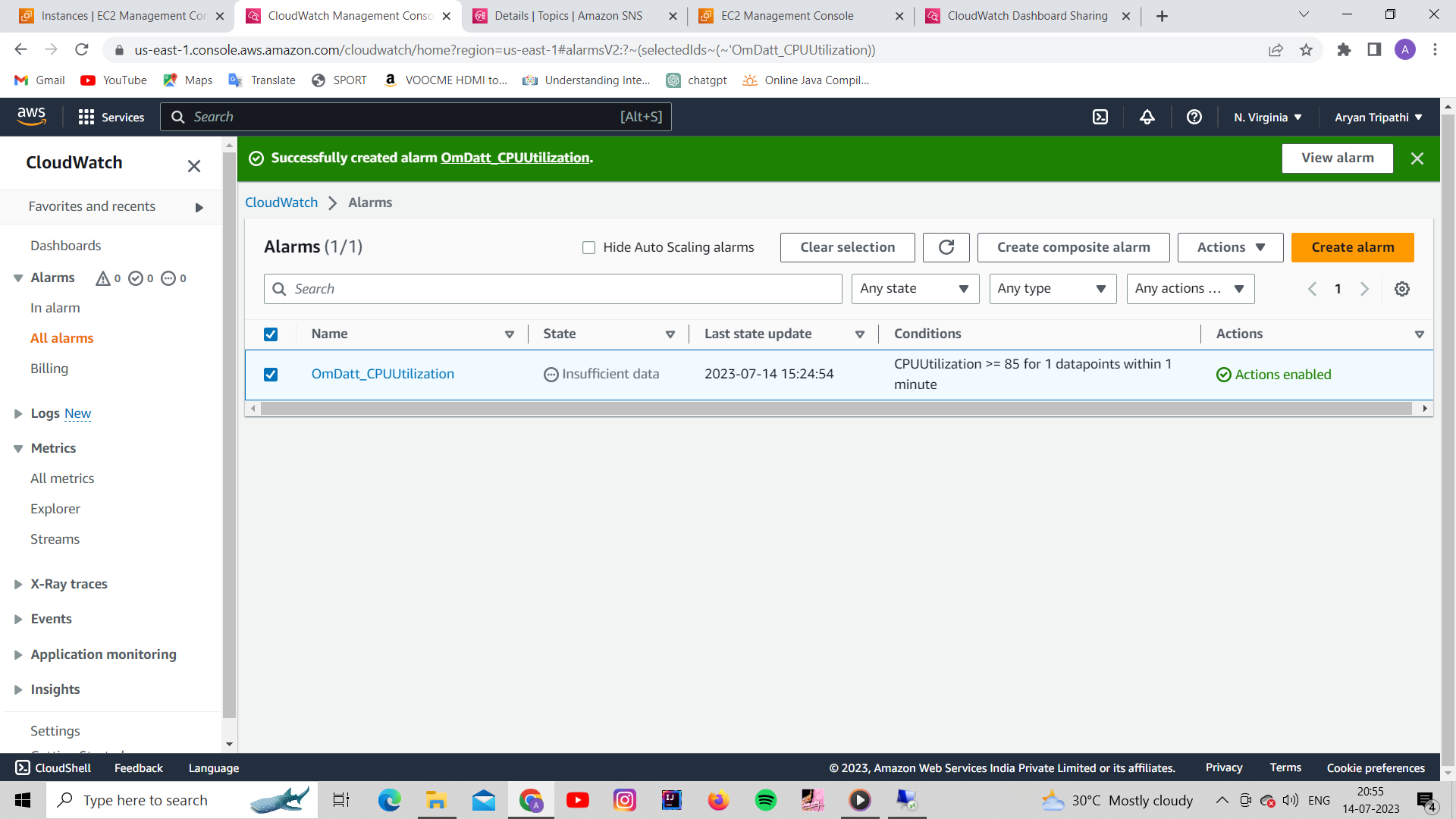


1. Save and Share dashboard publicly (take a screenshot)

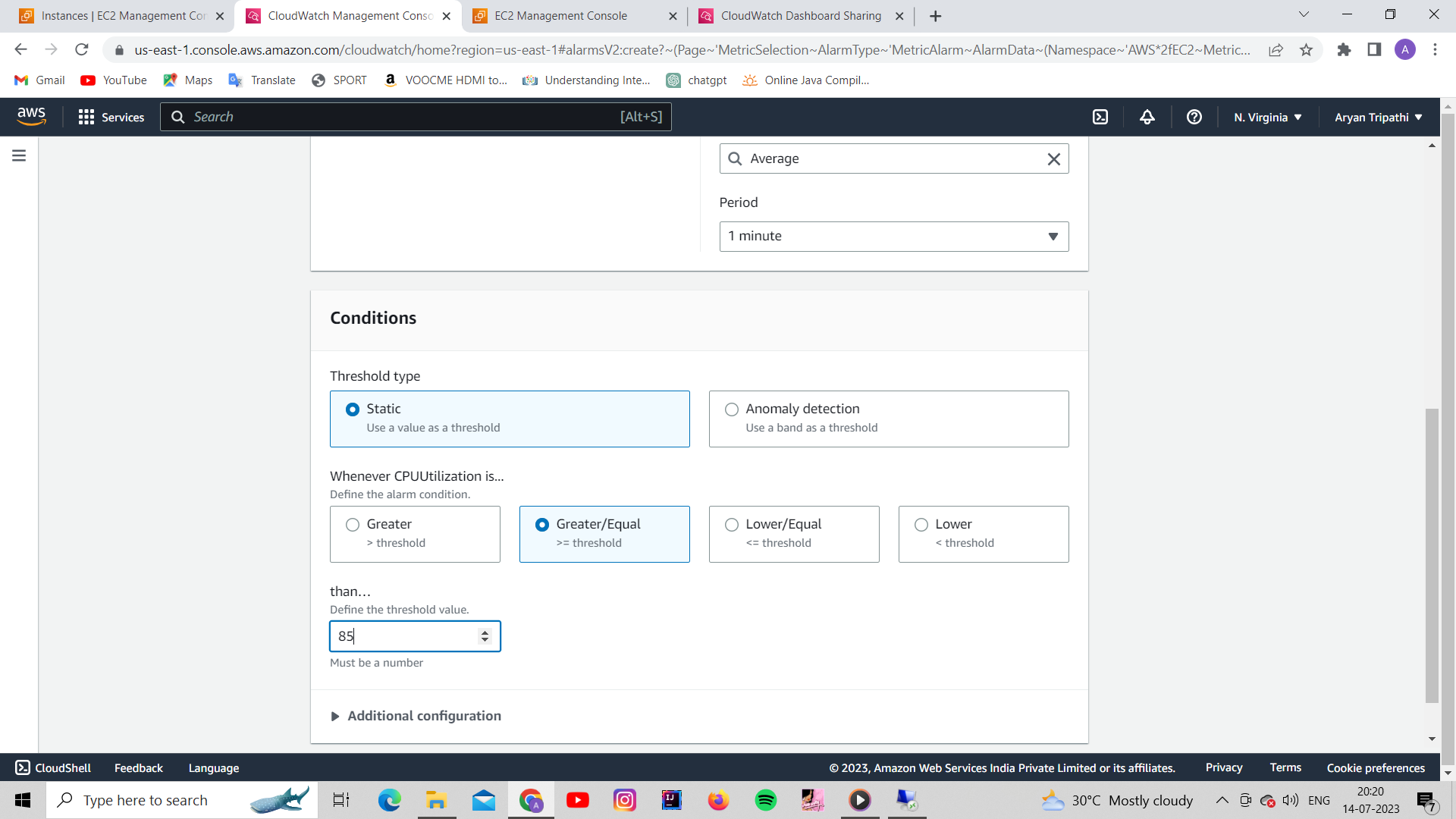




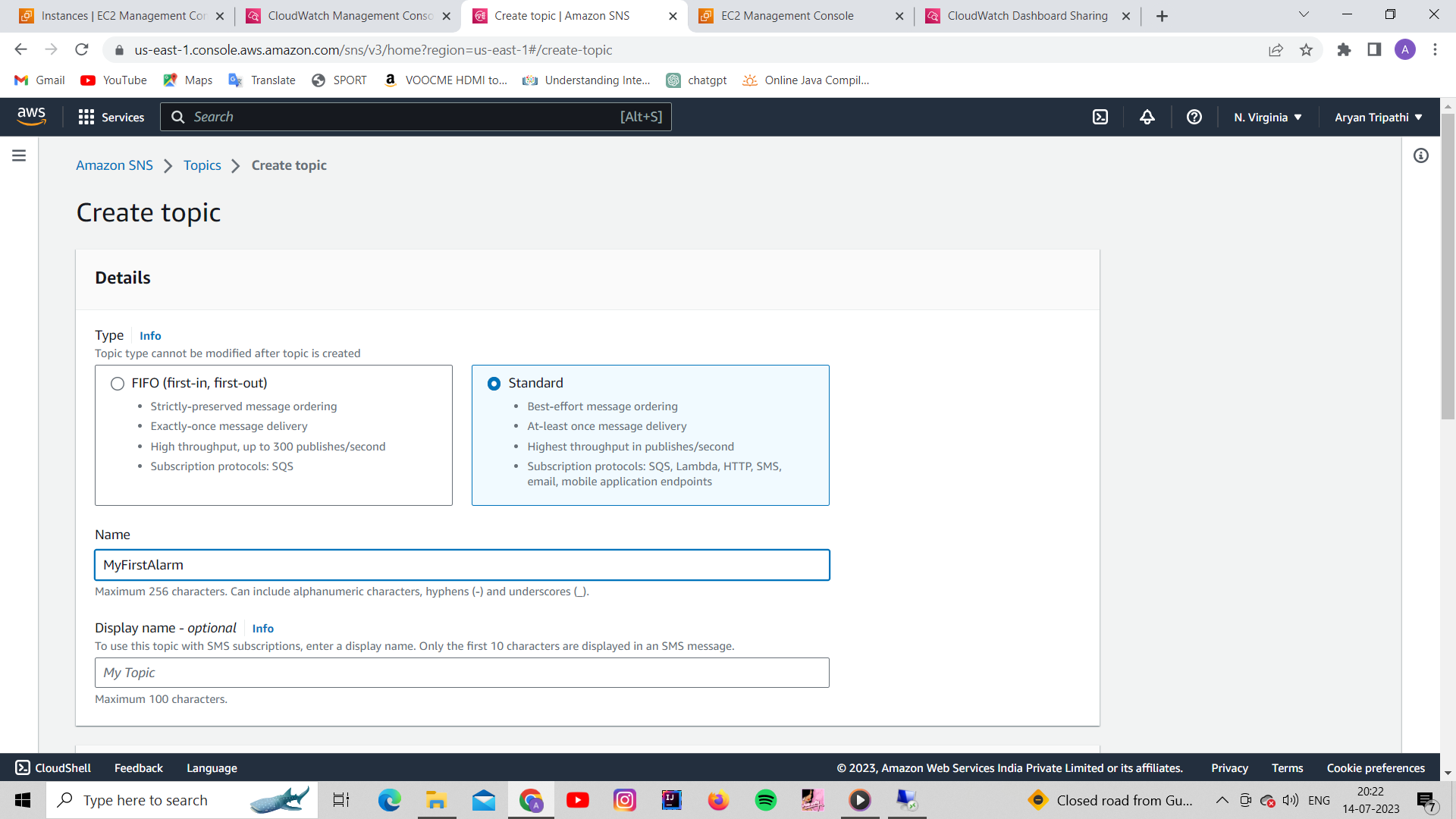
1. Create Alarms for CPU Utilisation <FirstName\_CPUUtilisation)

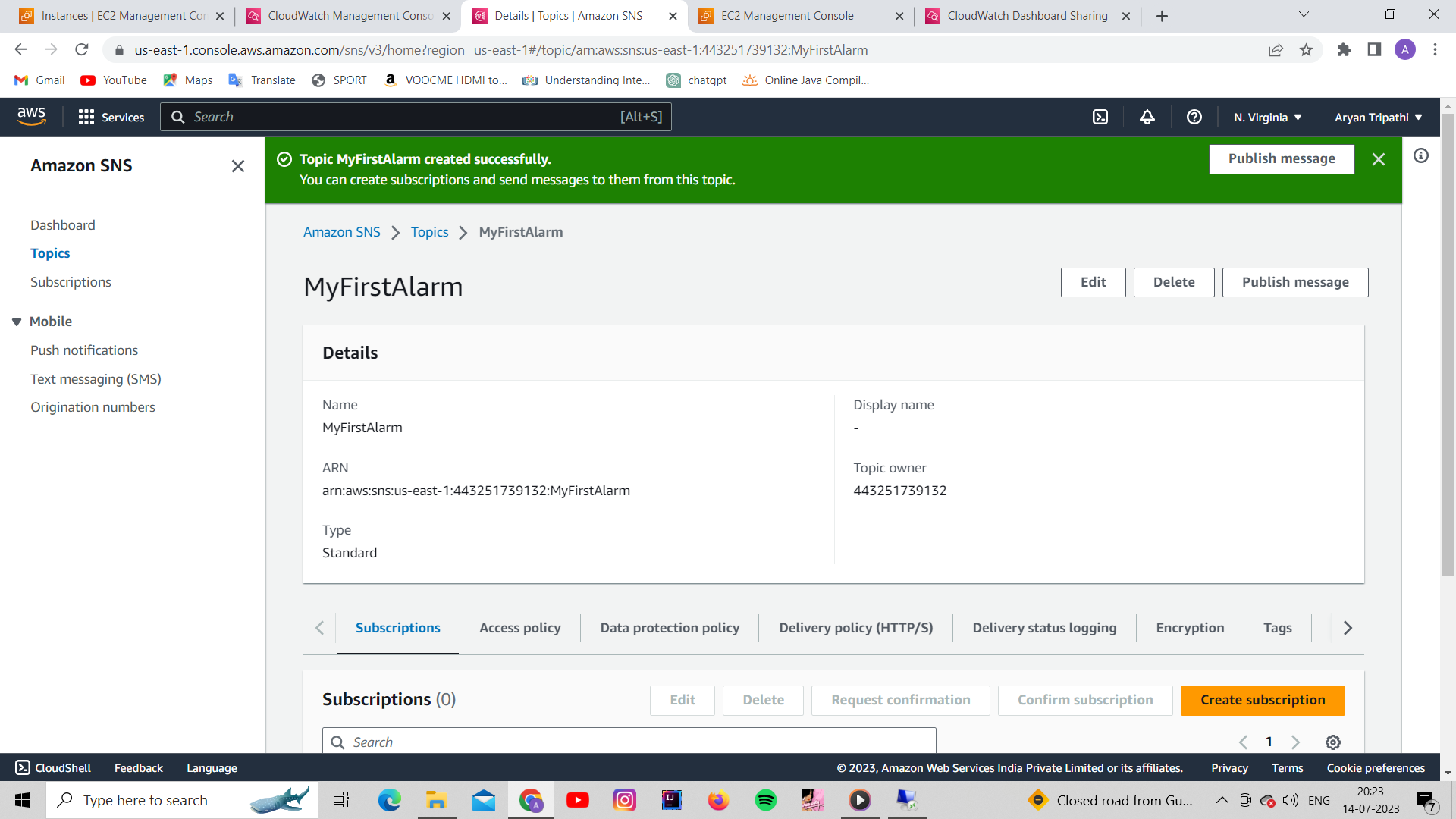


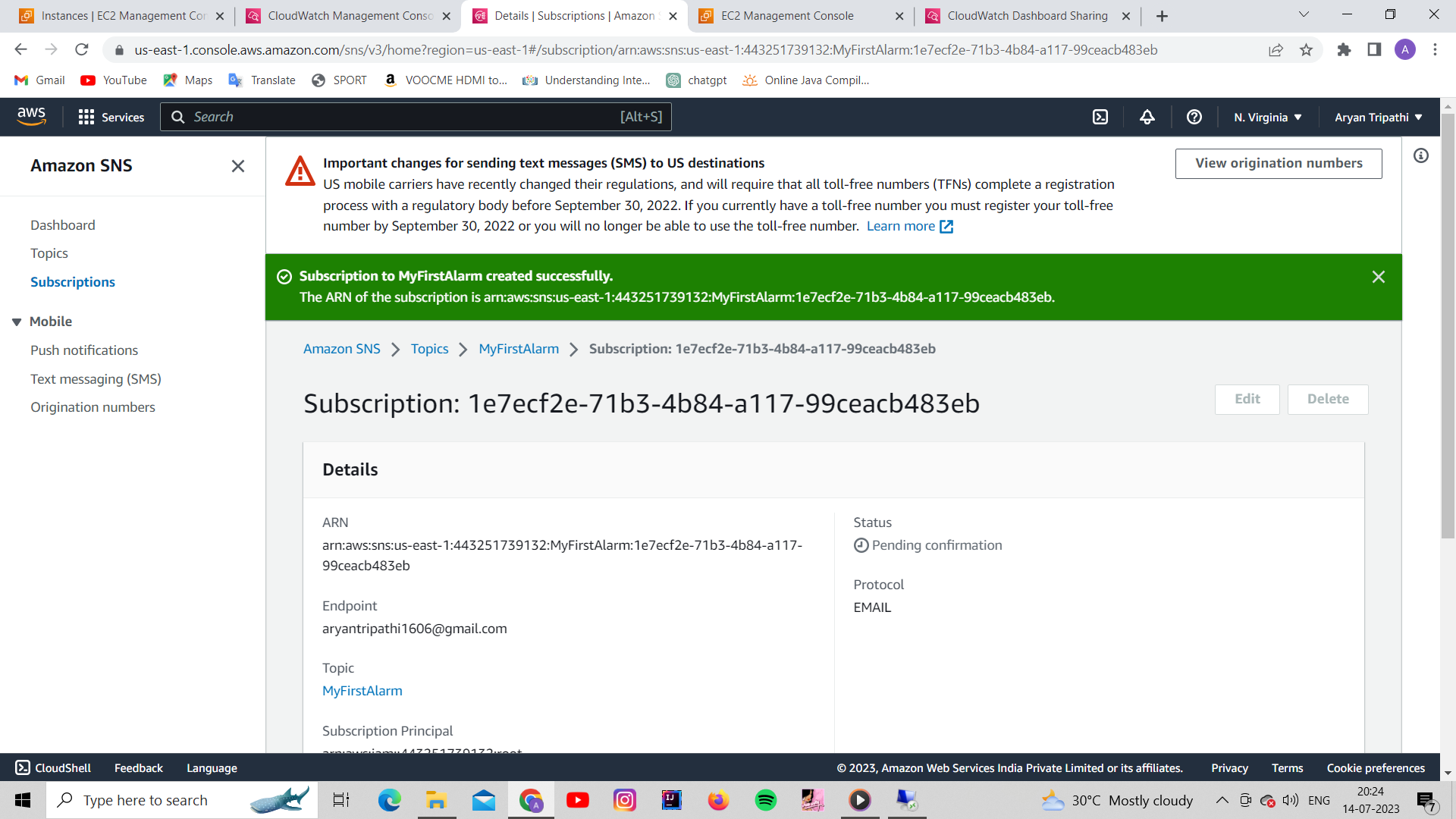
1. Set Threshold for 85%

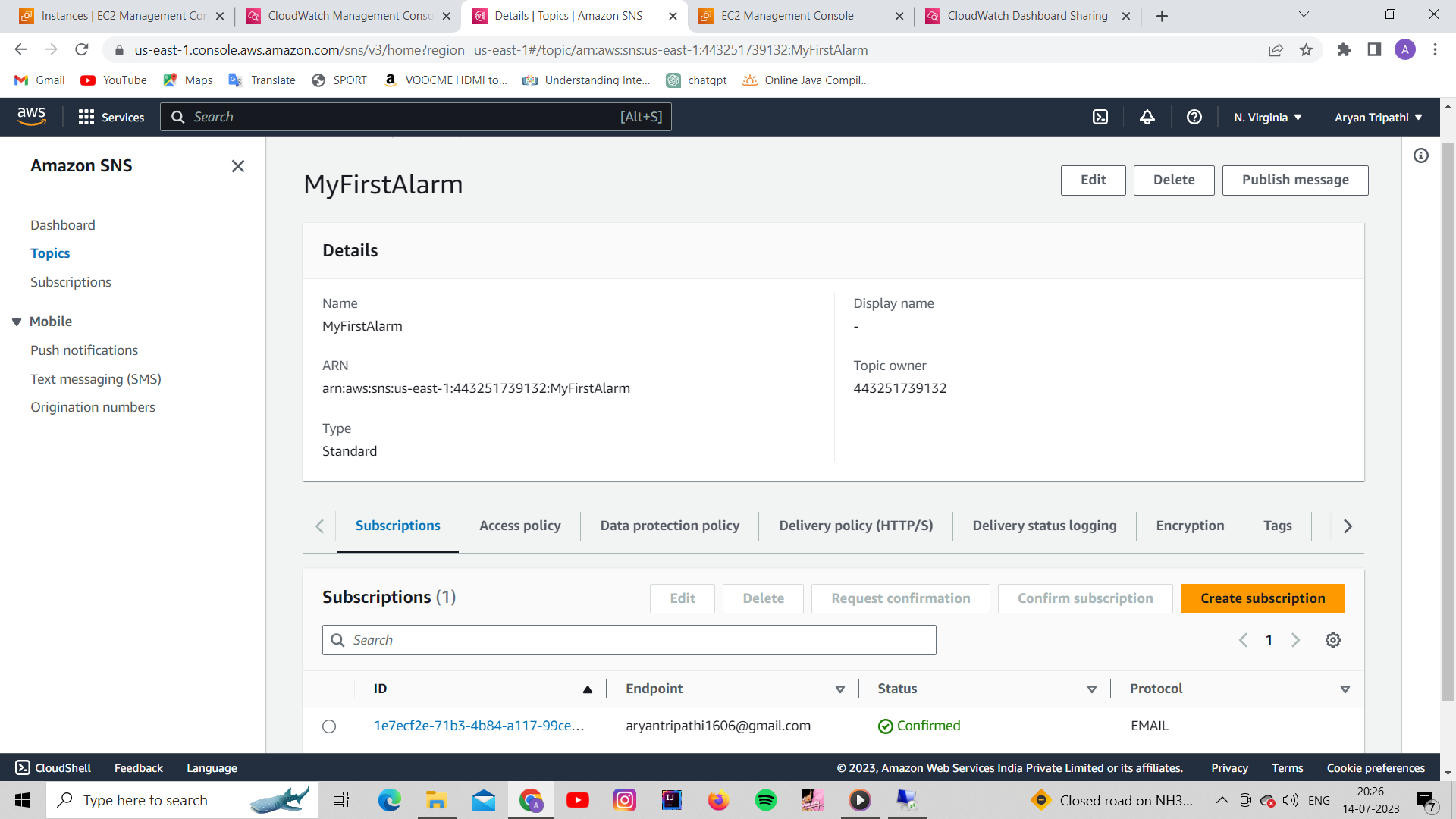


1. Create SNS topic and service and attach it to alarm





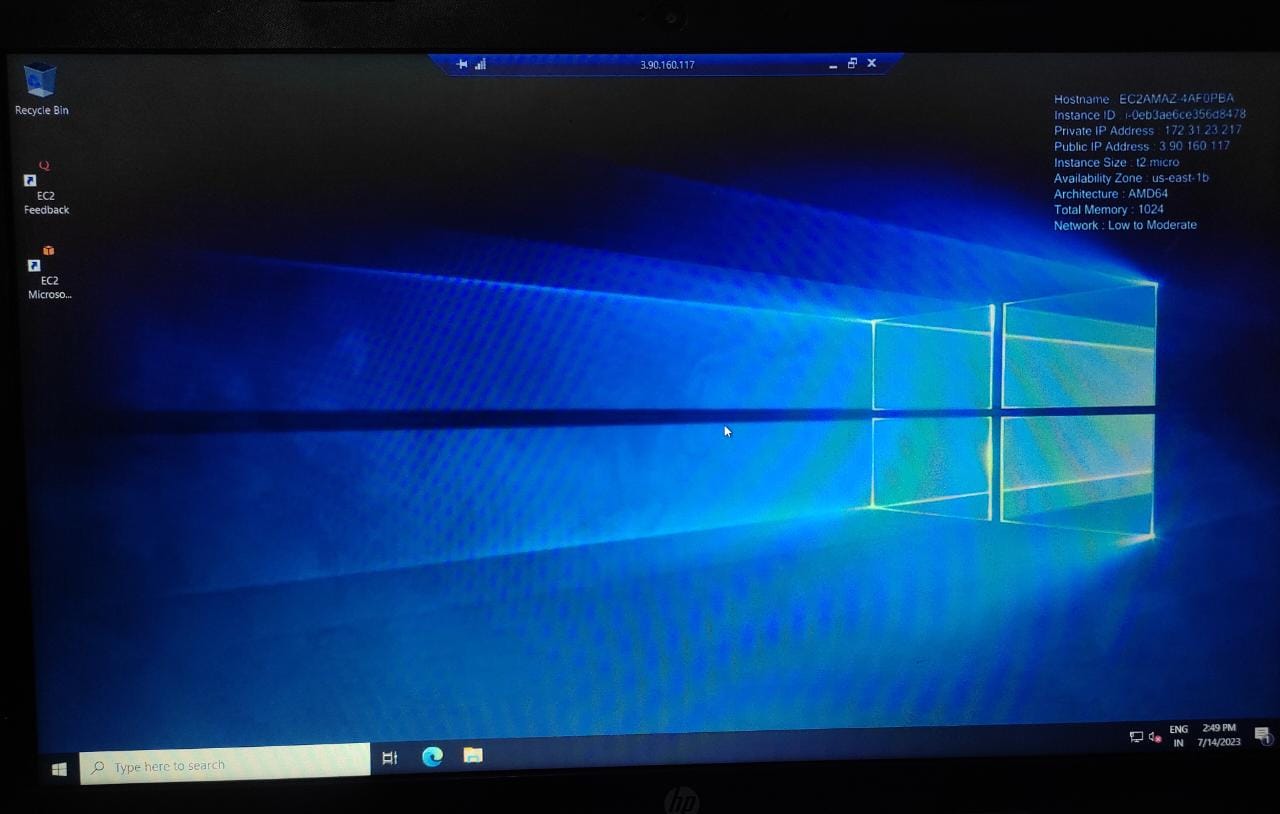




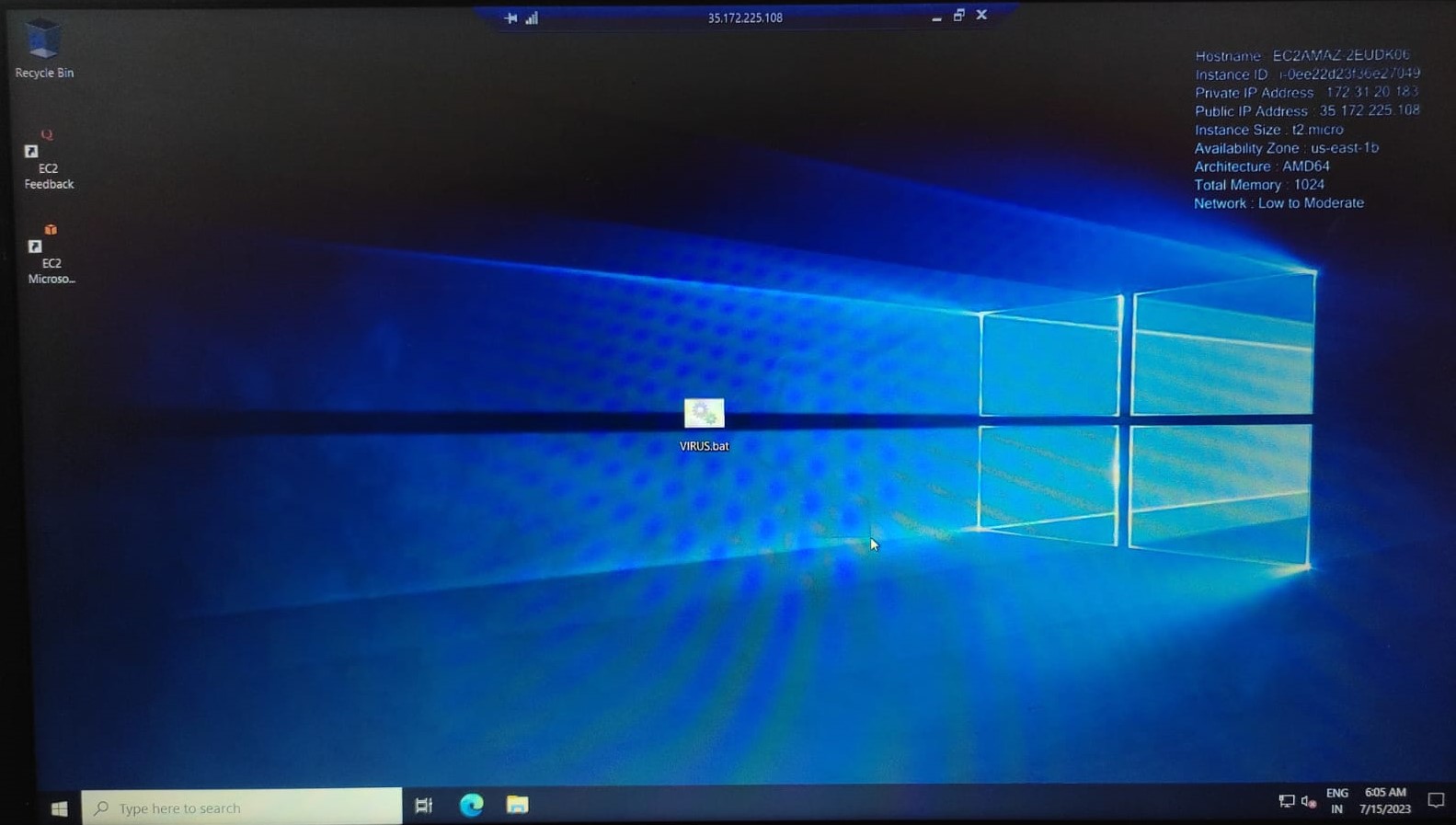
1. Select EC2 action to Stop the instance

**TASK 3**

1. Open RDP connect your EC2 instance



1. Create a VIRUS file with extension (.bat)   %0|%0



1. Run Virus file to max out system resources, wait for alarm to trigger.
2. Attach a screenshot of alarm triggered and email alert received and instance stopped

