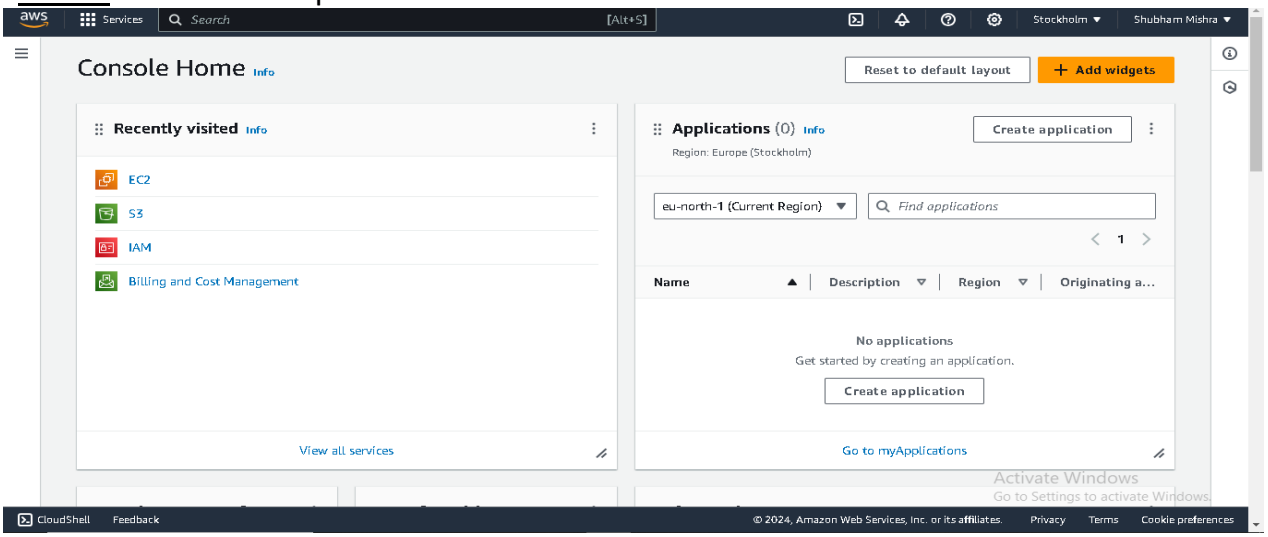
ASSIGNMENT -> 10

PROBLEM STATEMENT ->

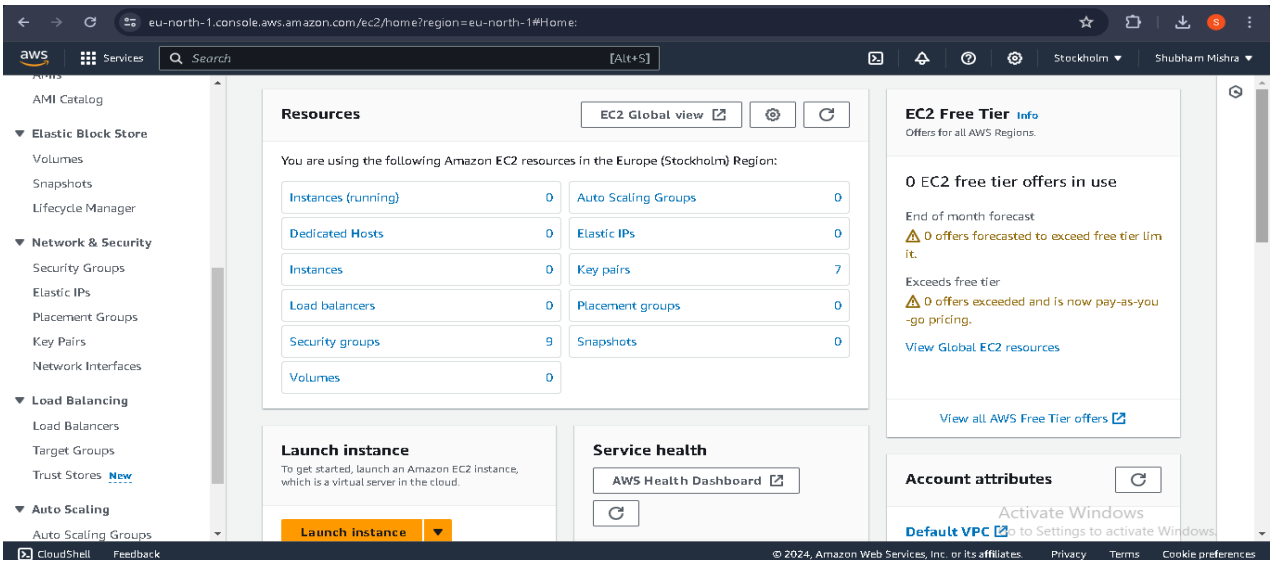
Deploy a project from GitHub to EC2 by creating a new security group and user data.

To Deploy the Project from GitHub to EC2 by creating a new Security Group ->

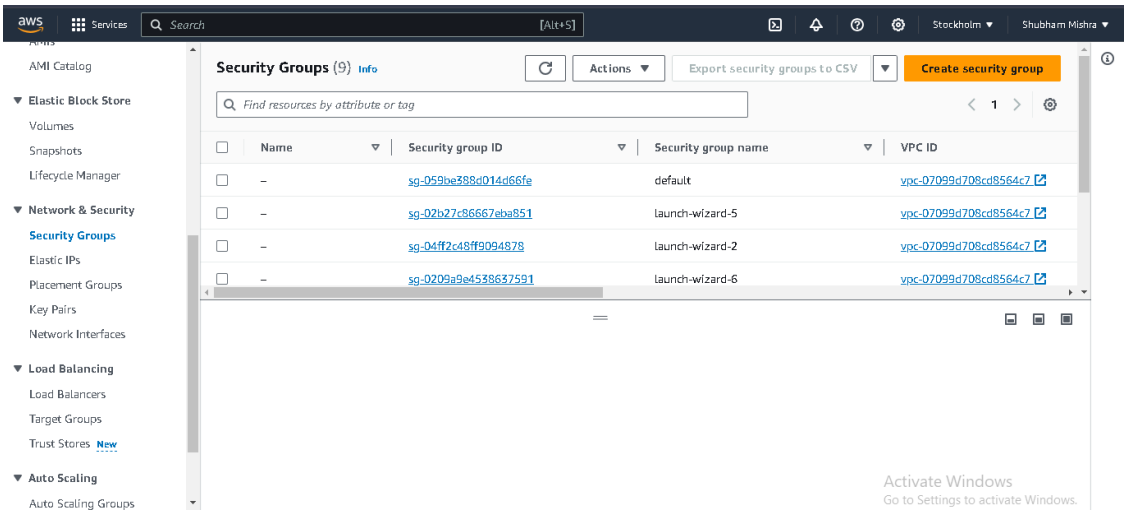
STEP 1-> Select EC2 option.



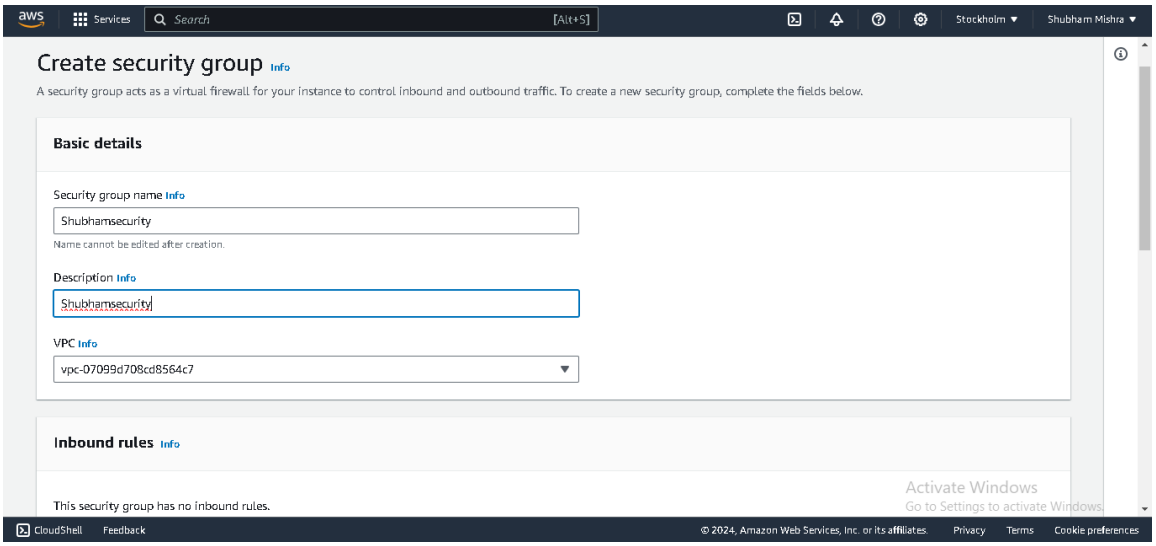
STEP 2-> Go to the Security Groups option.



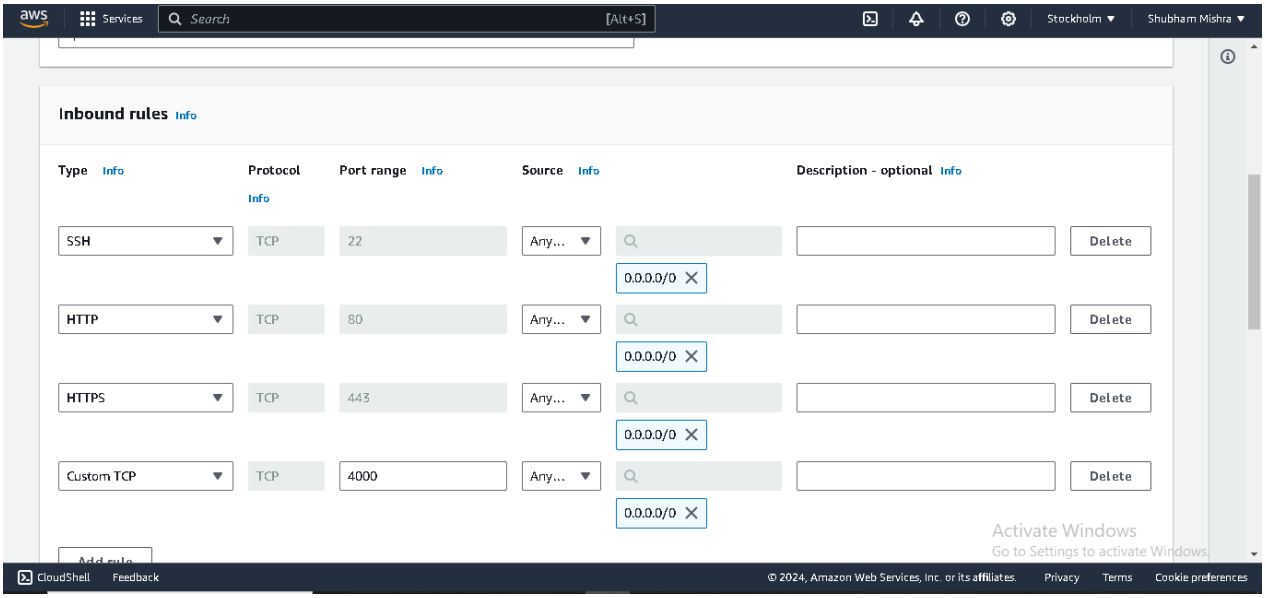
STEP 3-> Click on Create Security Group.



STEP 4-> Giva a name and Description to the Security Group. Then click on Add Rule under the Inbound Rules tab.

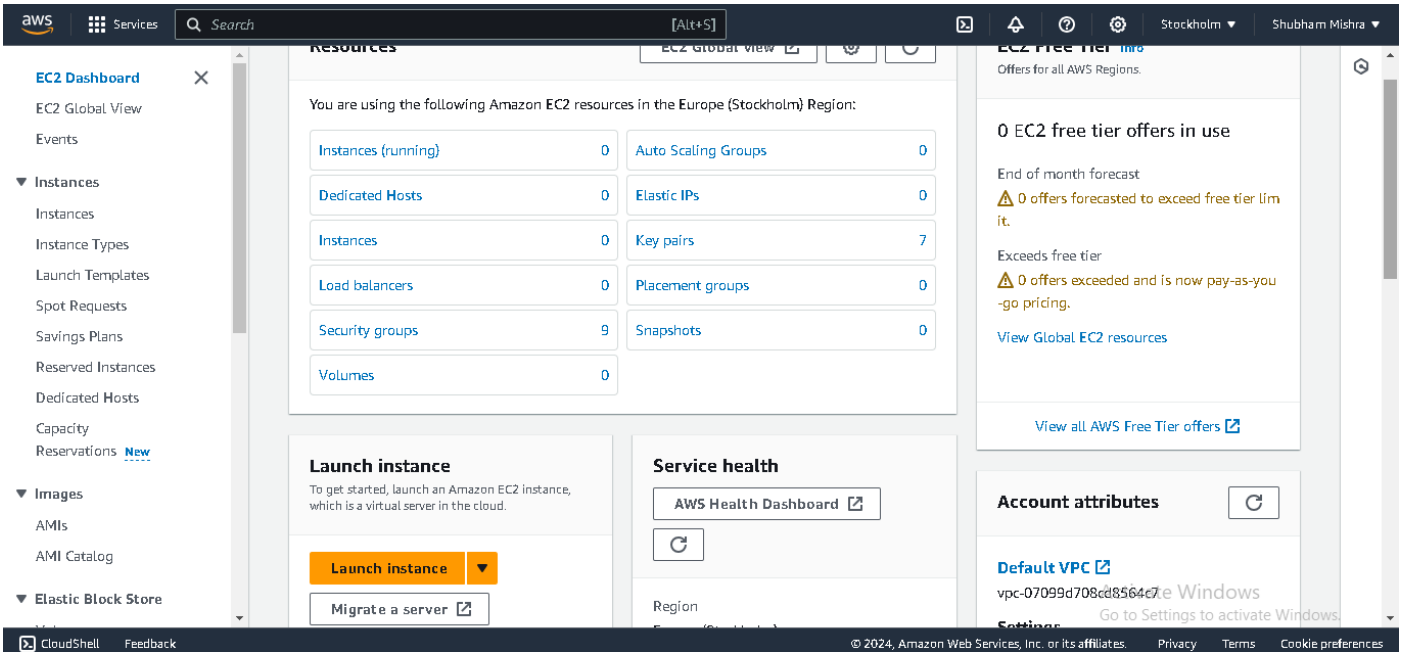


STEP 5-> Add the following 4 rules. Give all the rules the source address of 0.0.0.0/0 & and Port range of 4000 to Custom TCP.

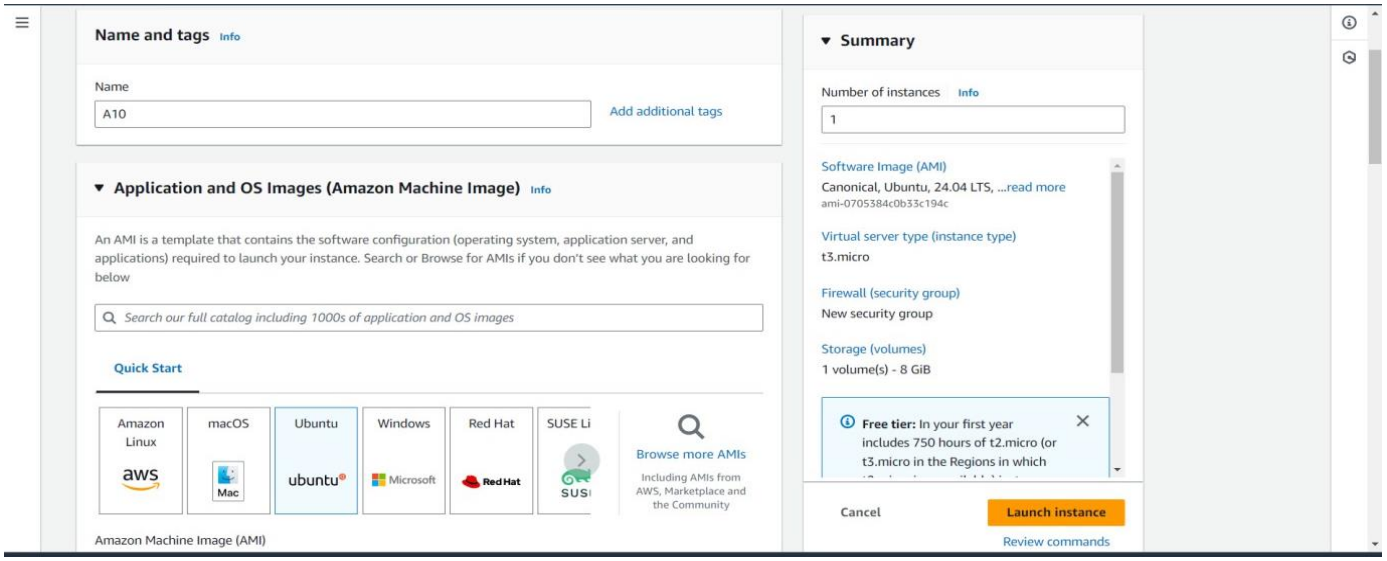


STEP 6-> Click on Create Security Group.

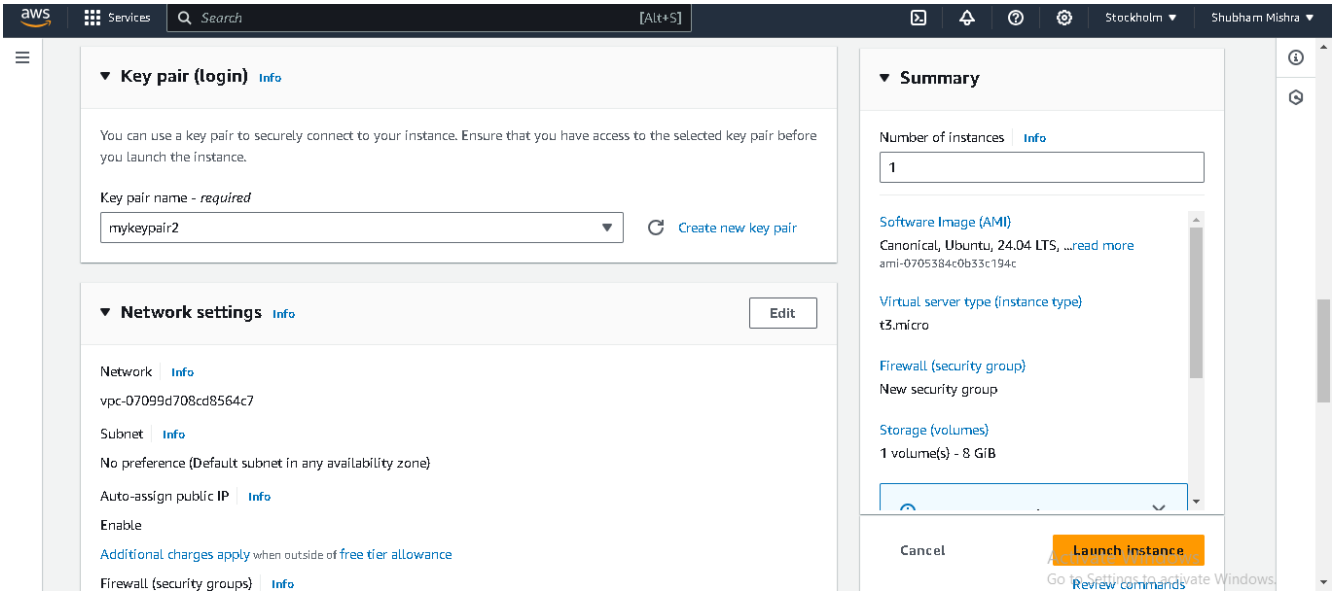
STEP 7-> Now click on “Launch Instance”.



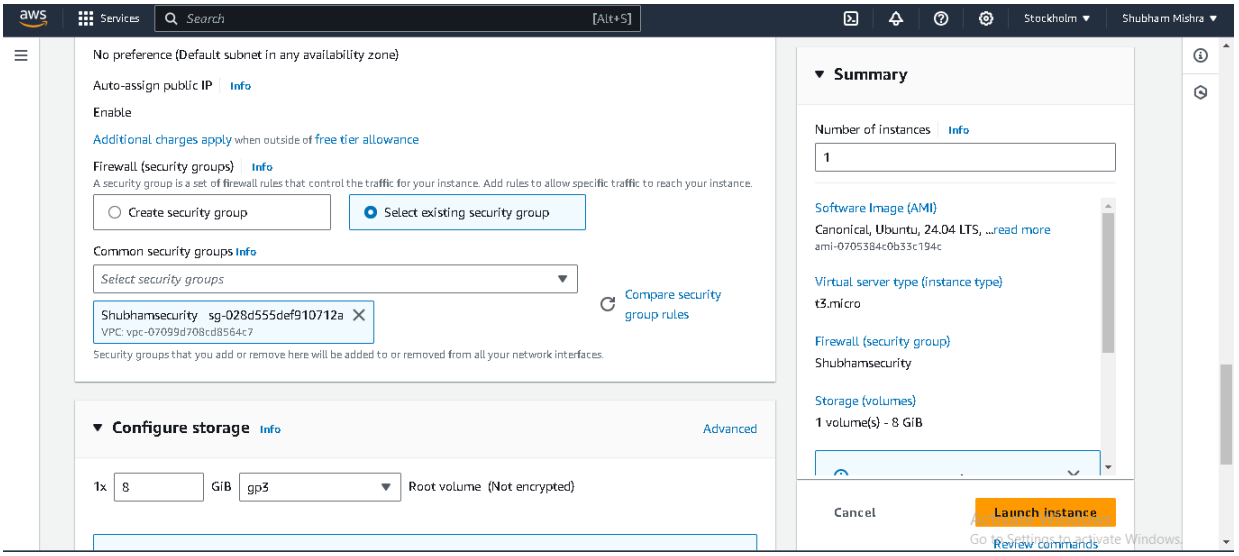
STEP 8-> Give a unique name to the instance and select Ubuntu.



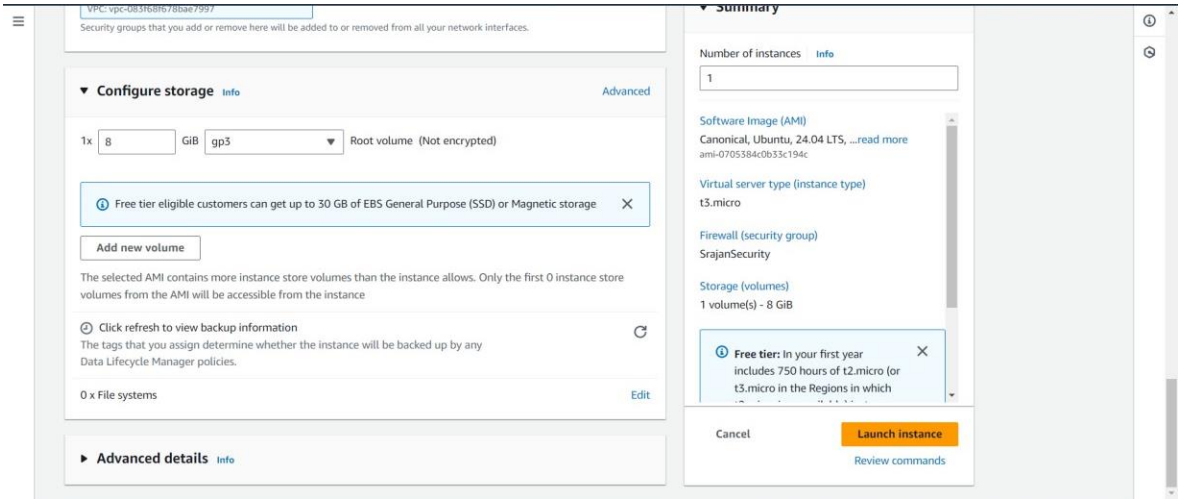
STEP 9-> Under key pair (login) select an existing key from the drop down menu or create a new key.



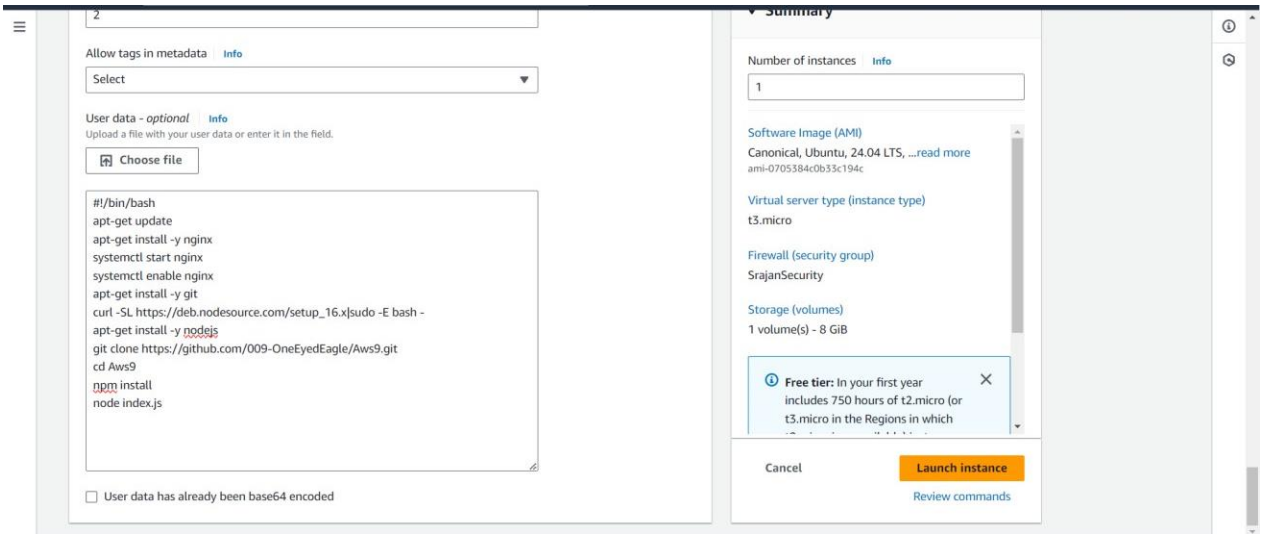
STEP 10-> Select the Select Existing Security Group, then select the newly created security group.



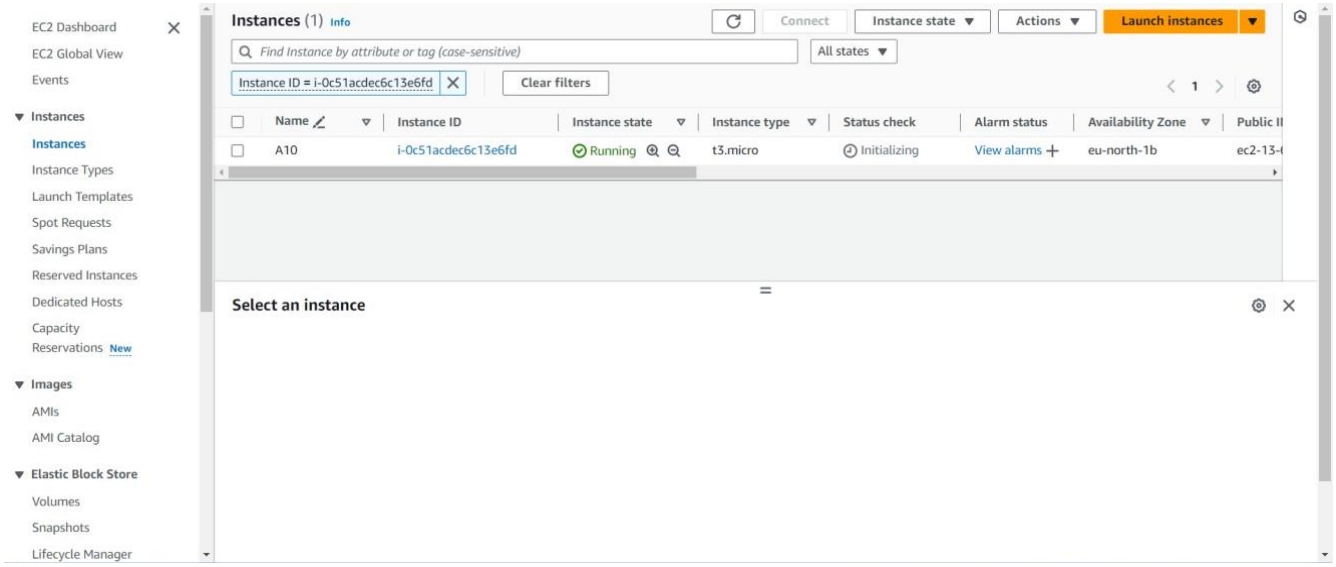
STEP 11-> Expand the Advanced Details tab.



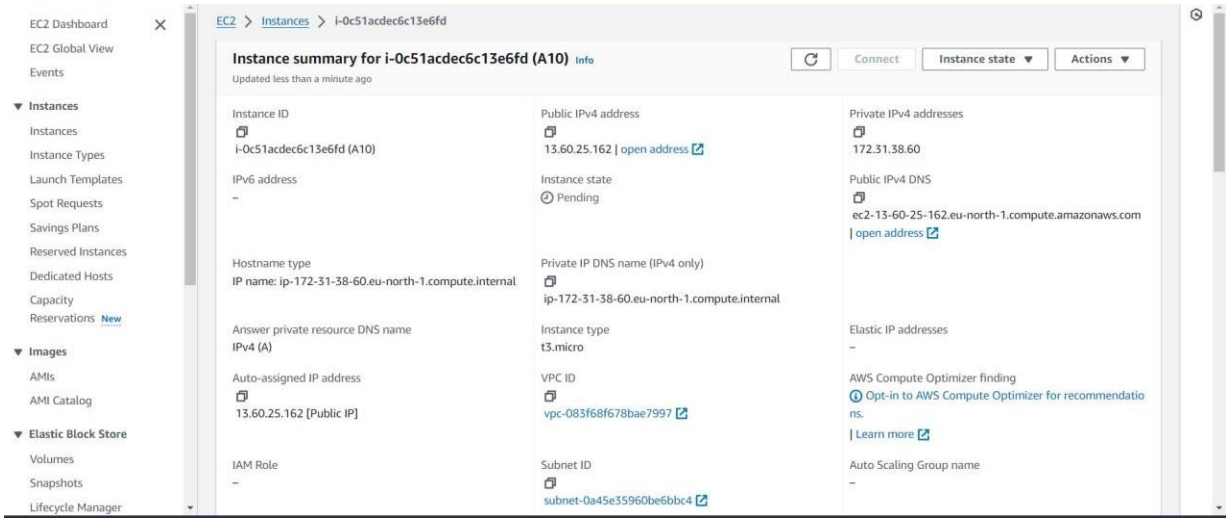
STEP 12-> Scroll down to the bottom, in the bash console type the following commands. Then click on “Launch Instance”.



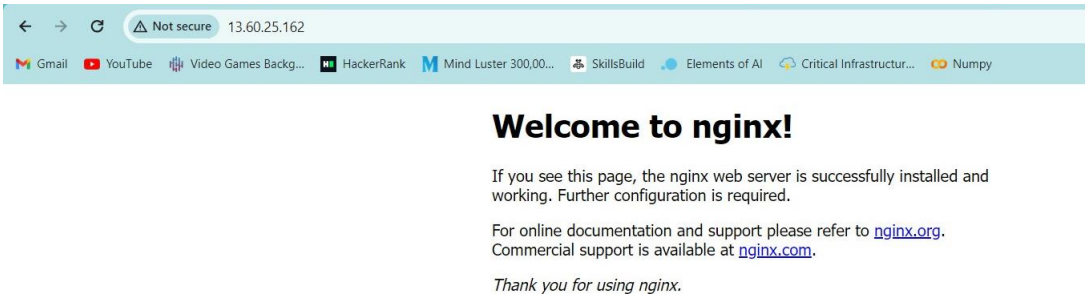
STEP 13-> Click on instance id to enter into the instance.



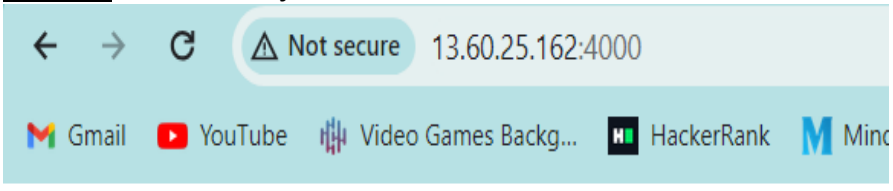
STEP 14-> Copy the Public IPv4 Address.



STEP 15-> Paste the IP-Address in a new Window. Nginx window will open.



STEP 16-> The Nodejs file content will be visible. Now add ":4000" at the end of the IPv4 Address.



Hello World