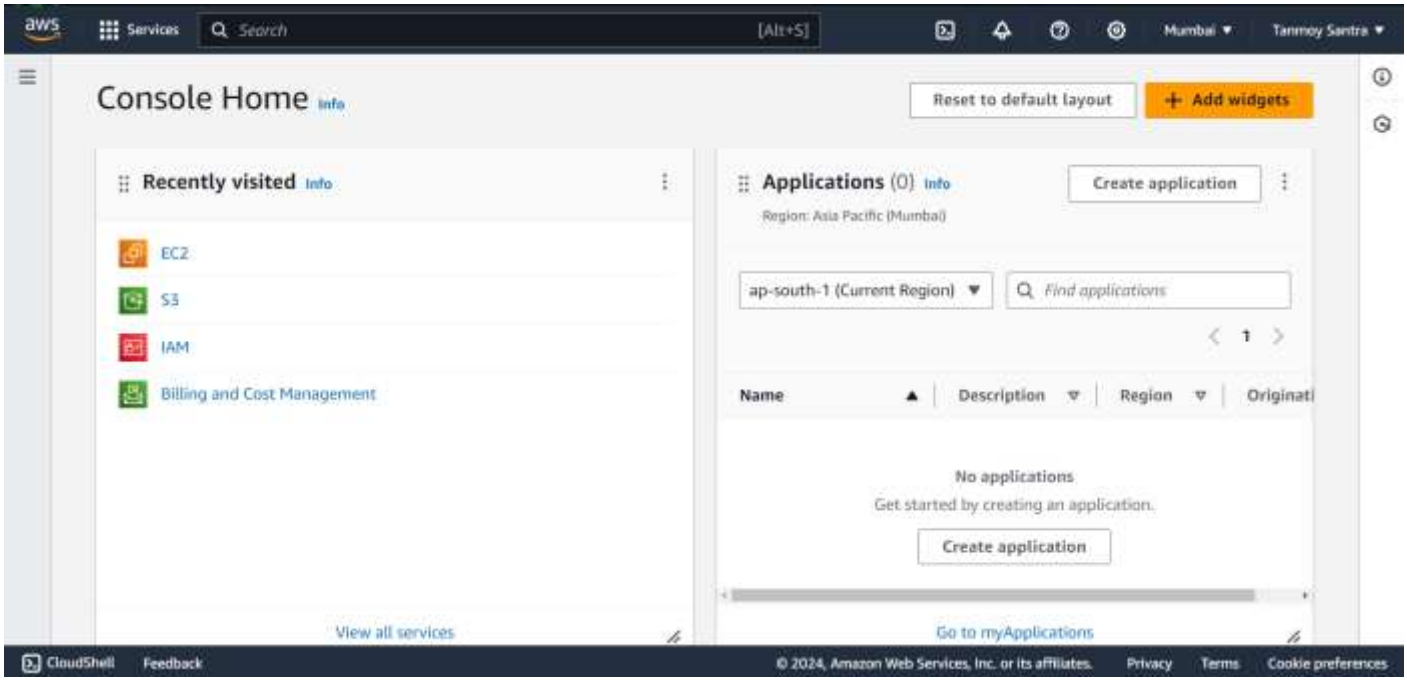
ASSIGNMENT - 10

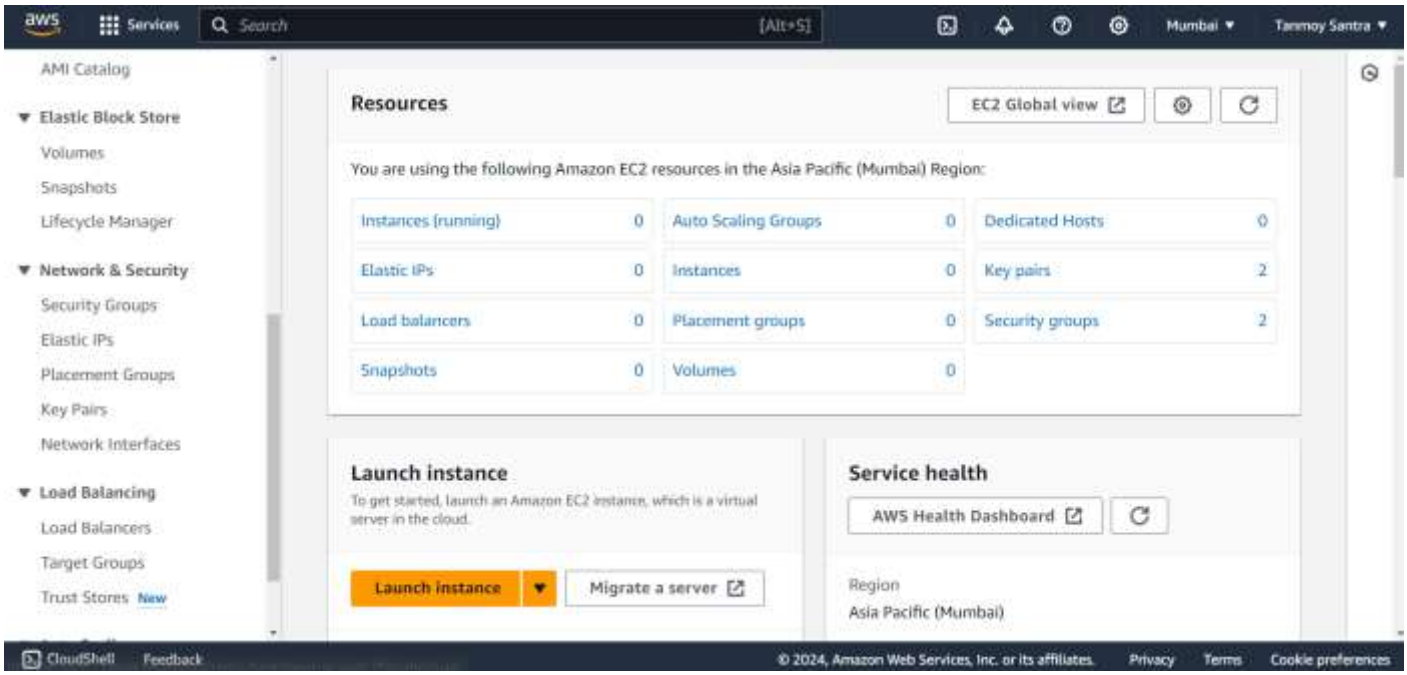
PROBLEM STATEMENT - Deploy a project from GitHub to EC2 by creating a new security group and user data.

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

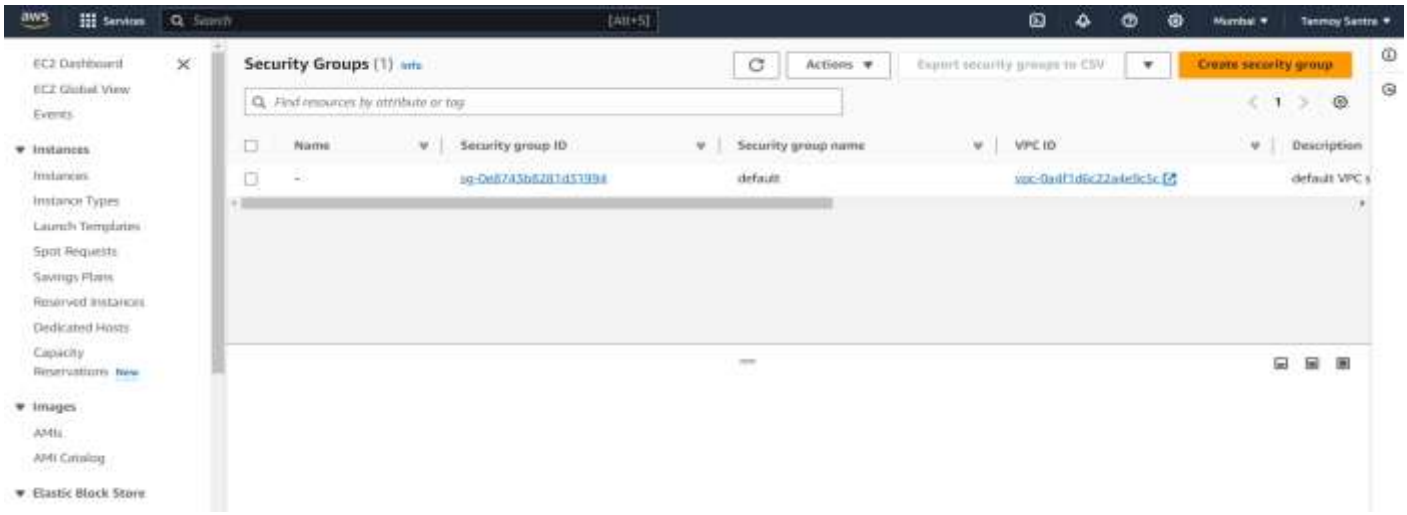
STEP 1- Select EC2 option.



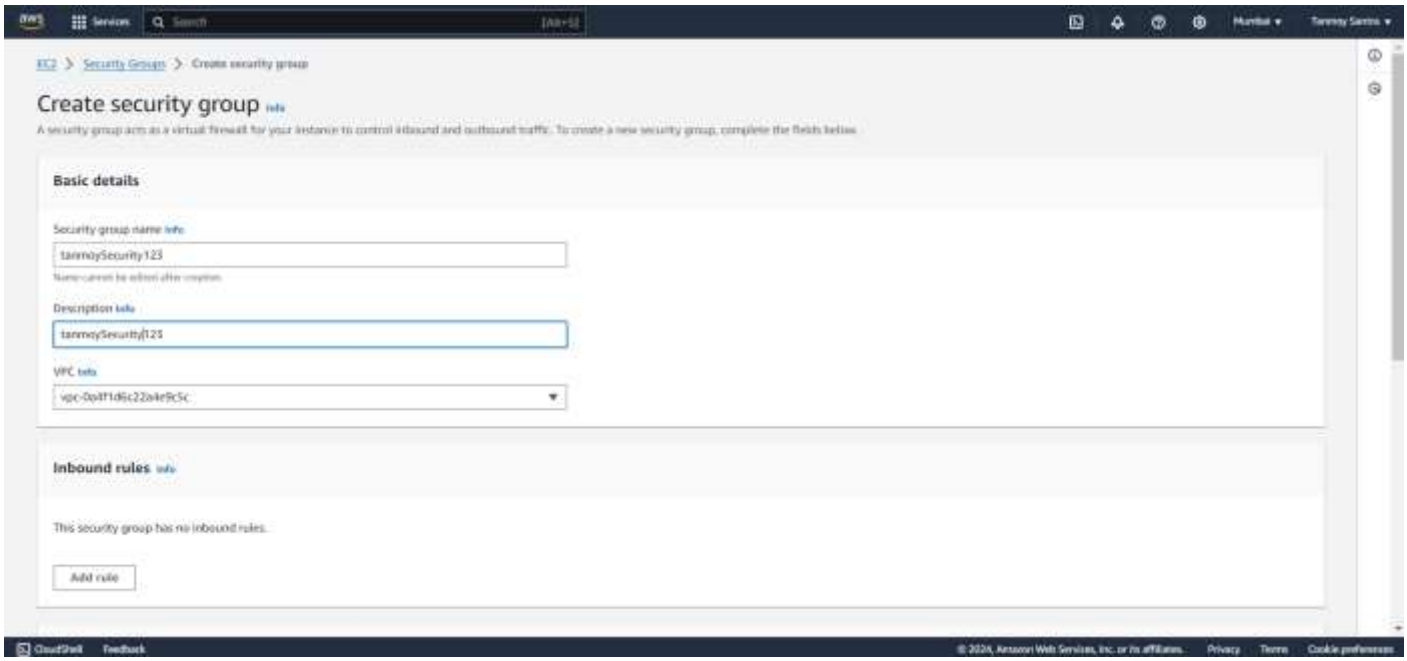
STEP 2- Go to the Security Groups option.



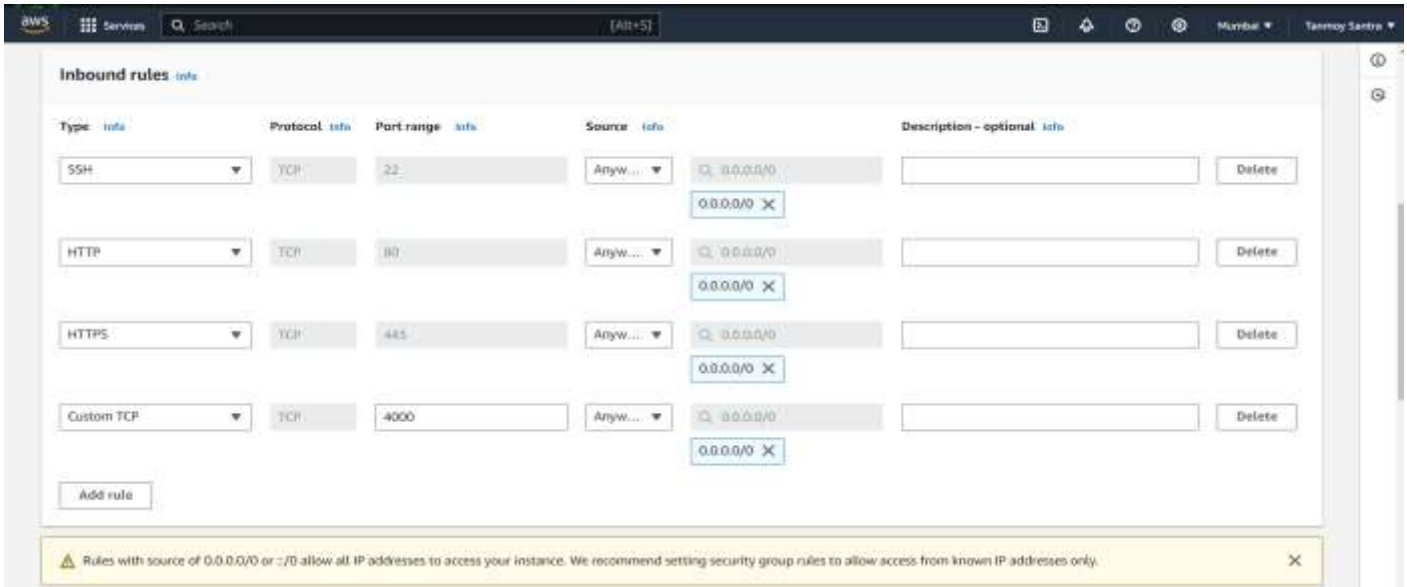
STEP 3- Click on Create Security Group.



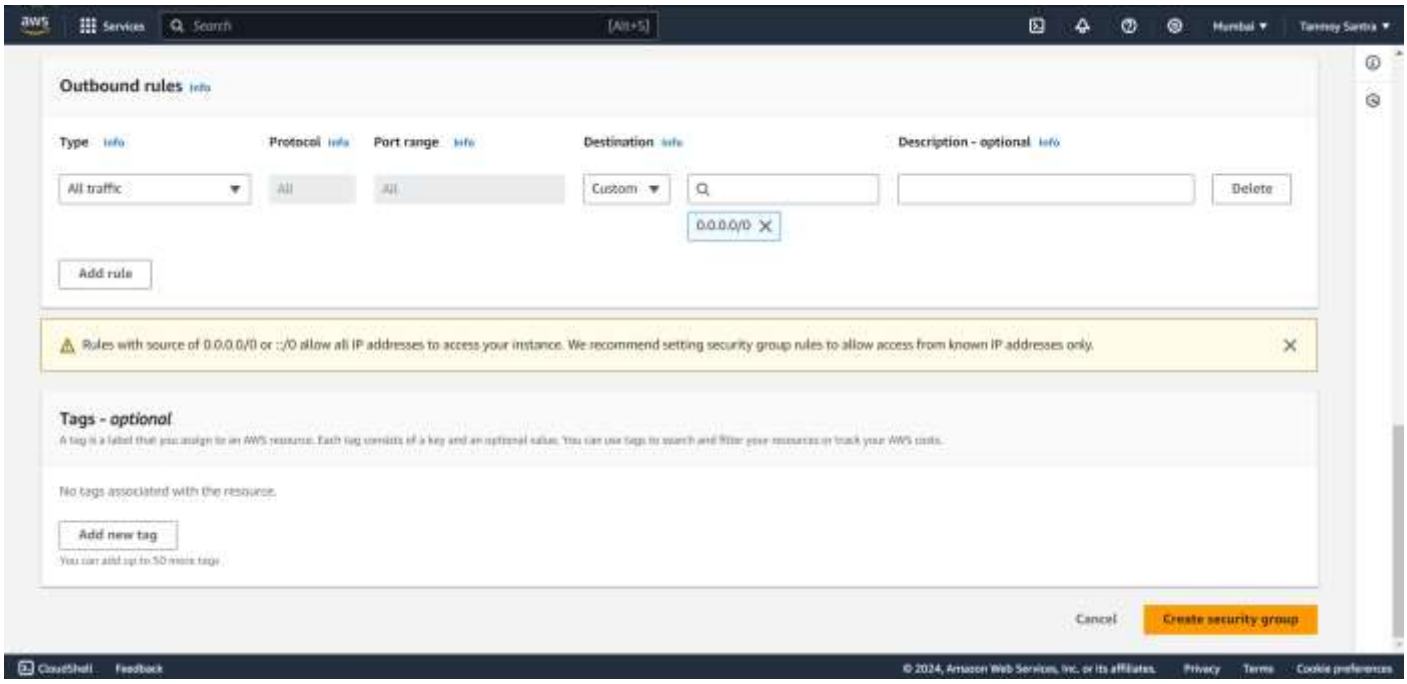
STEP 4- Giva a name and Description to the Security Group. Then click on Add Rule under the Inbound Rules tab.

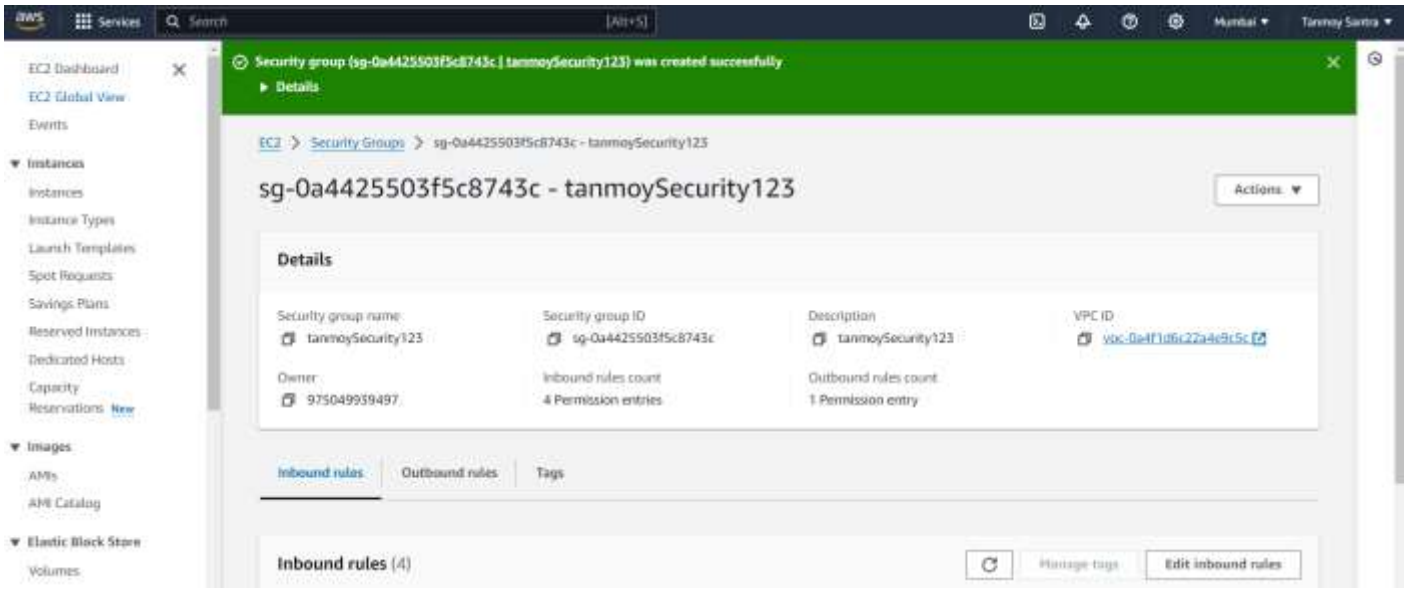


STEP 5- Add the following 4 rules. Give all the rules the source address of 0.0.0.0/0 & and Port range of 4000 to Custom TCP.

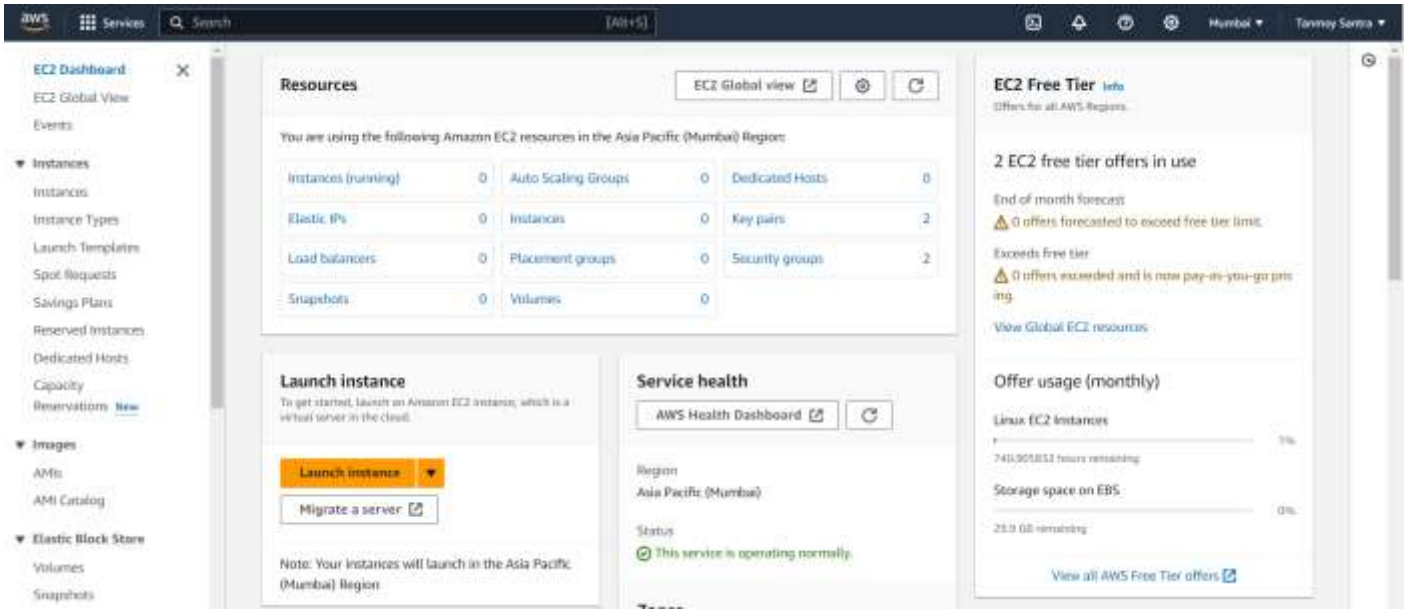


STEP 6- Click on Create Security Group.

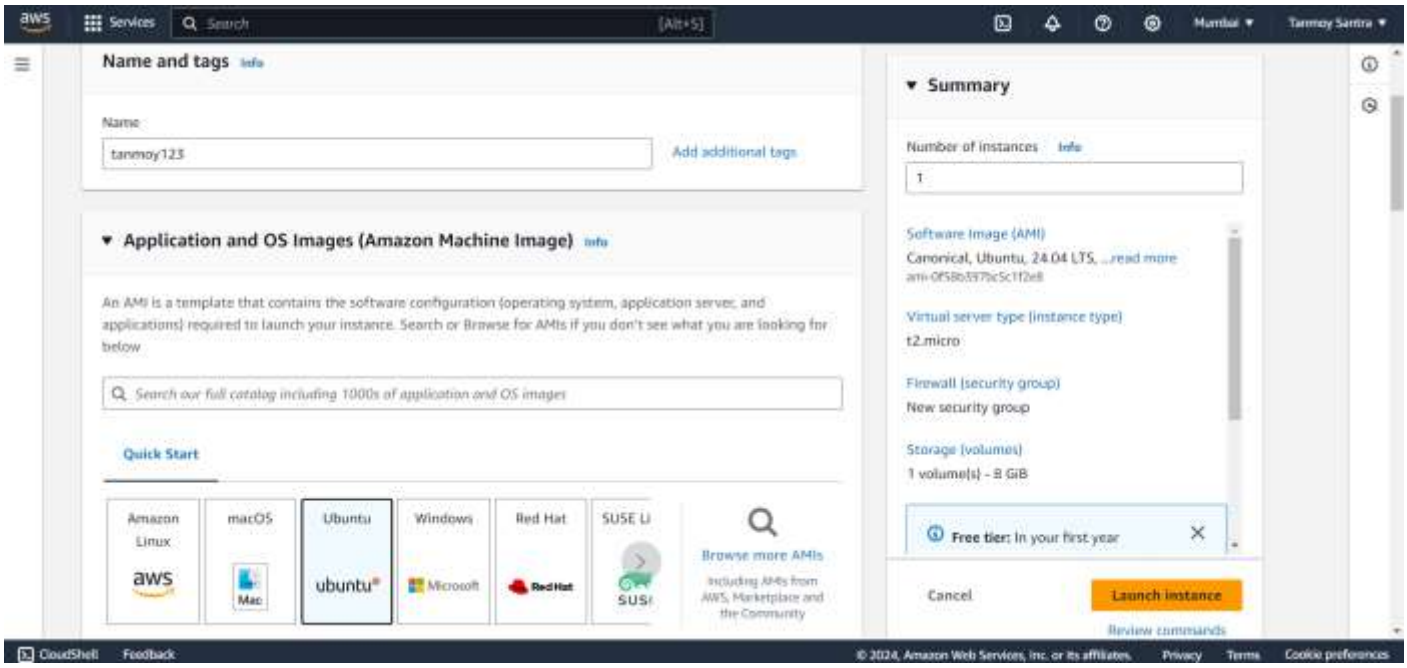




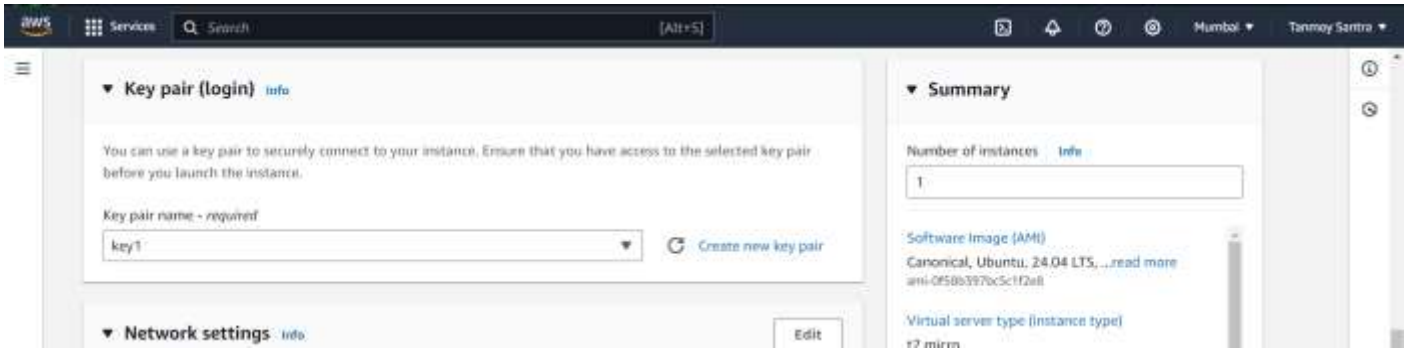
STEP 7- Now click on “Launch Instance”.



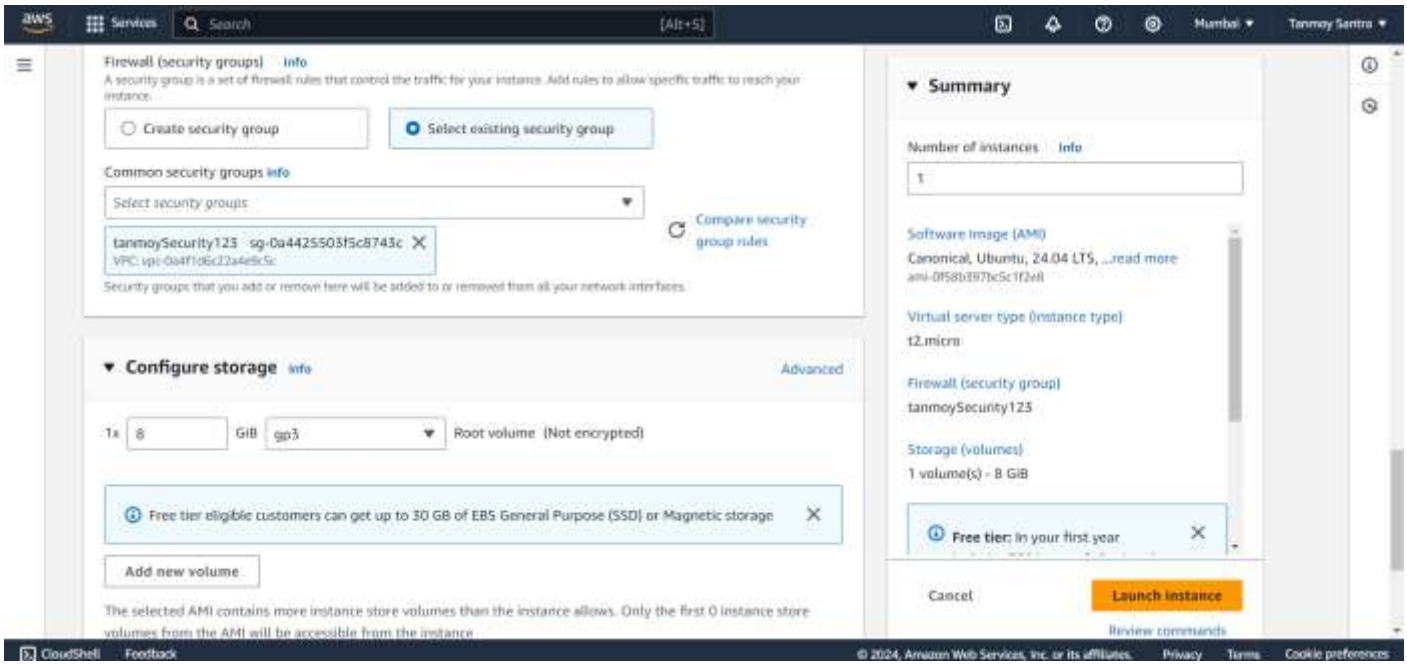
STEP 8- Give a unique name to the instance and select Ubuntu.



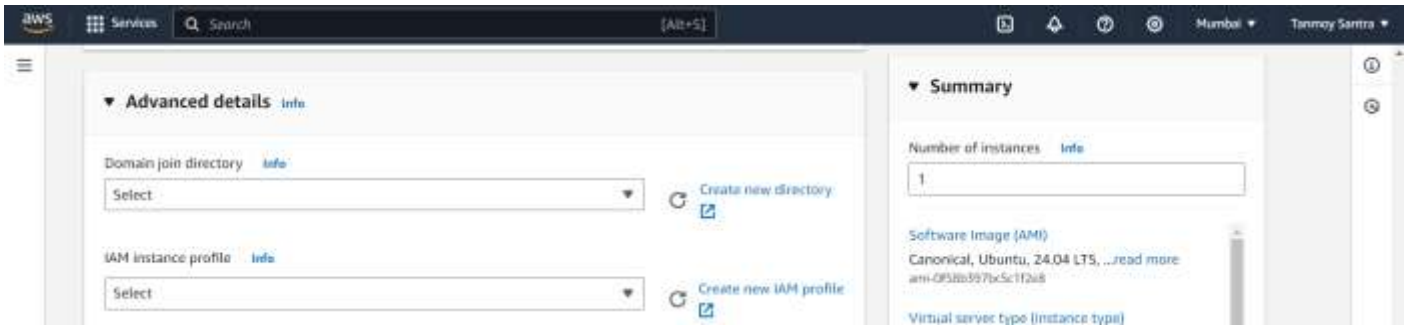
STEP 9- Under key pair (login) select an existing key from the drop down menu or create a new key.



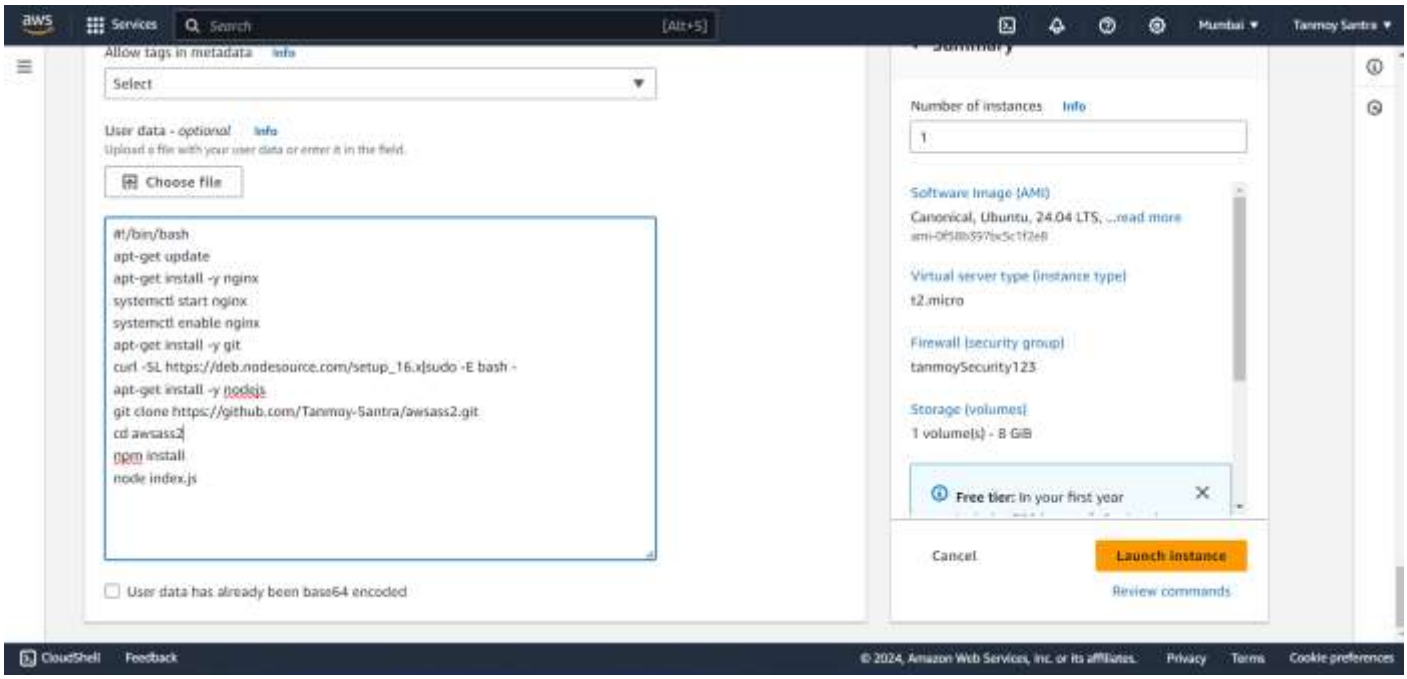
STEP 10- Select the Select Existing Security Group, then select the newly created security group.



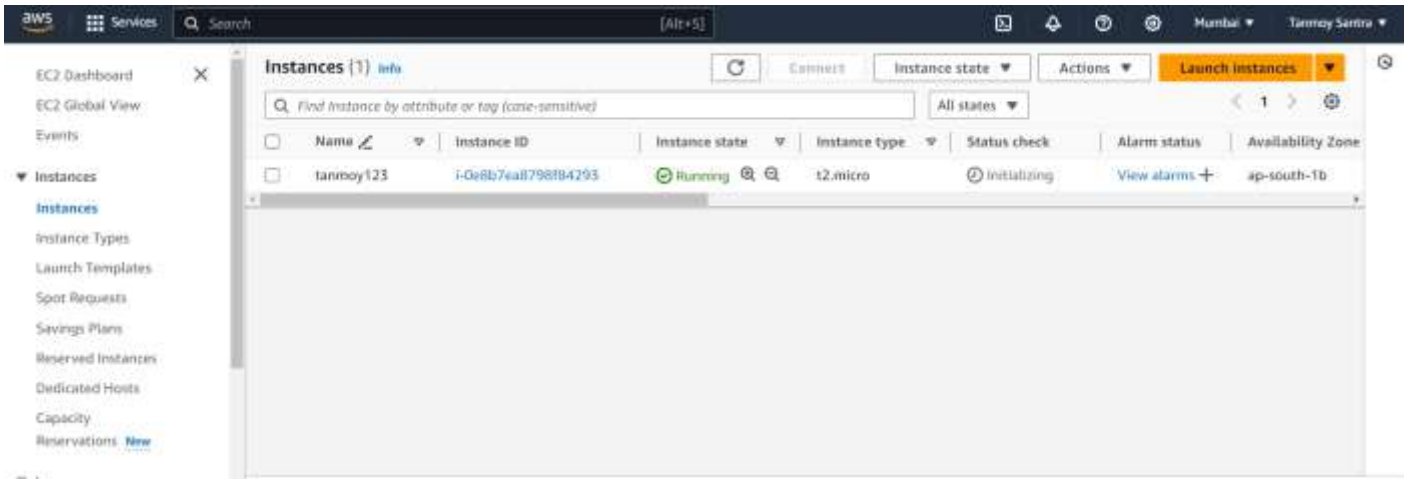
STEP 11- Expand the Advanced Details tab.



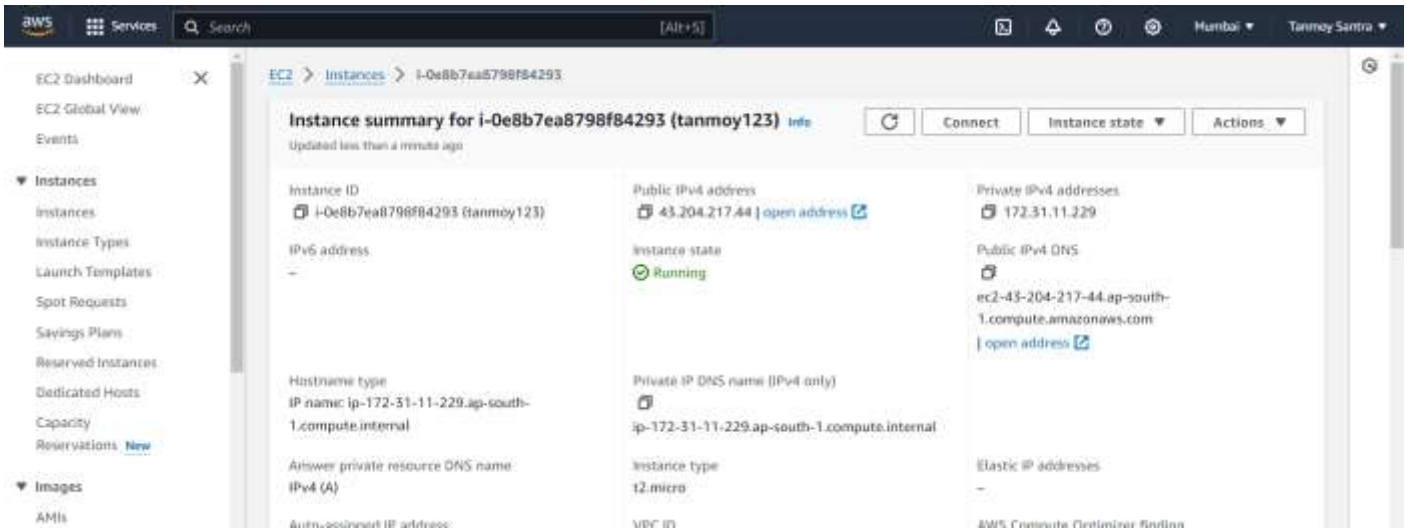
STEP 12- Scroll down to the bottom, in the bash console type the following commands. Then click on "Launch Instance".



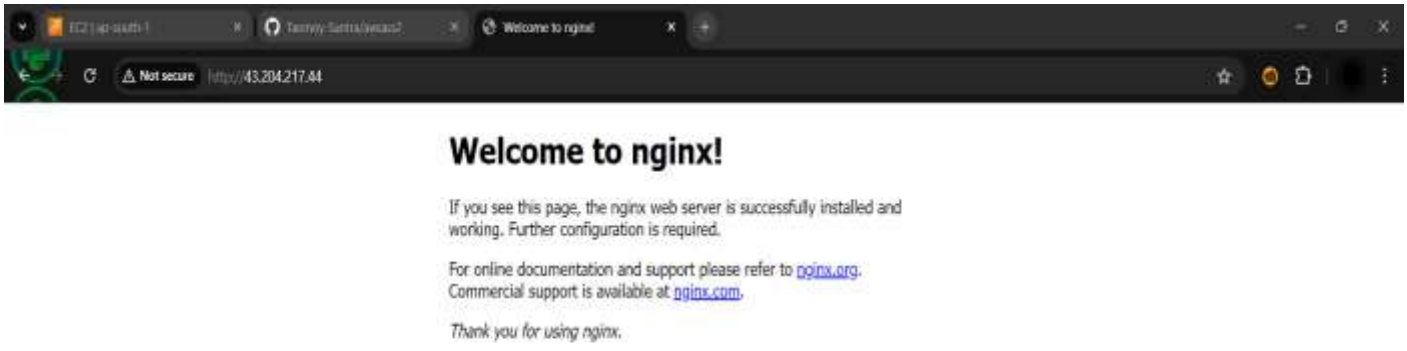
STEP 13- Click on instance id to enter into the instance.



STEP 14- Copy the Public IPv4 Address.



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



STEP 20- The Nodejs file content will be visible. Now add ":4000" at the end of the IPv4 Address.