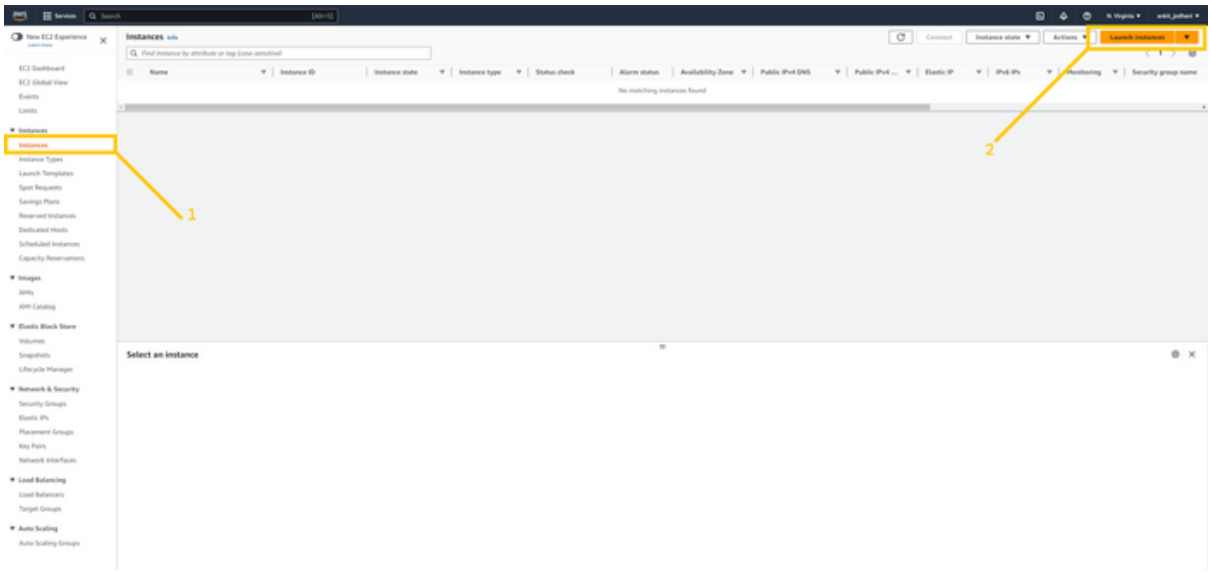
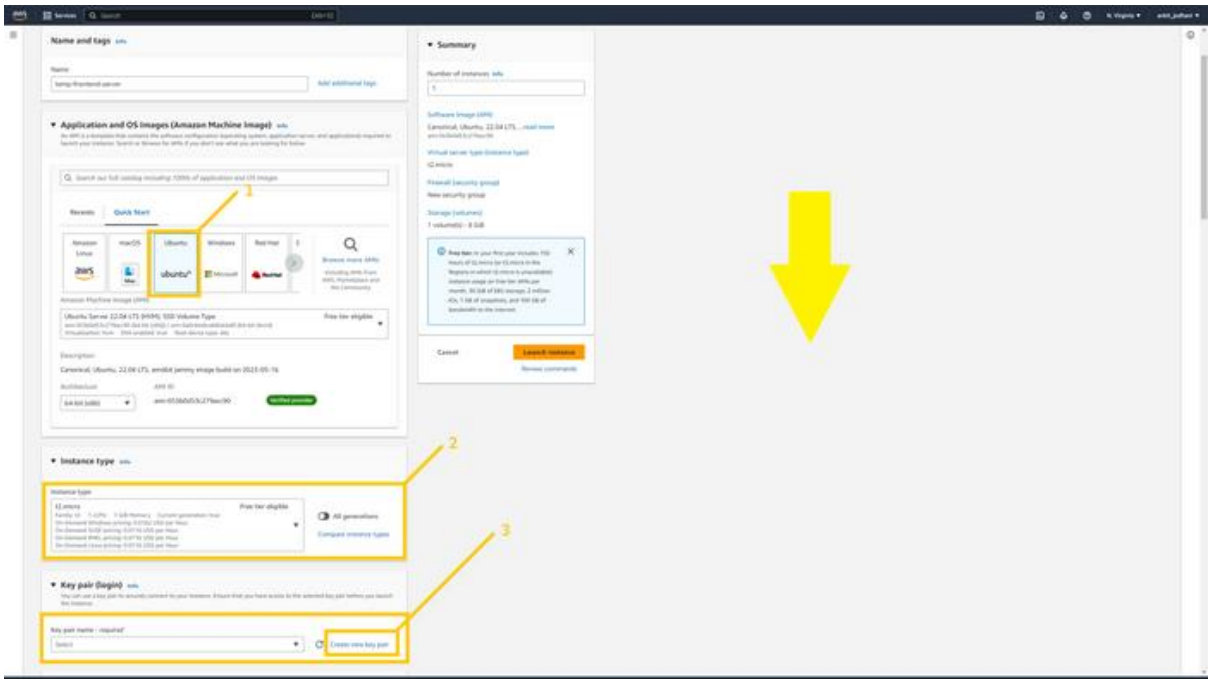
◆ EC2

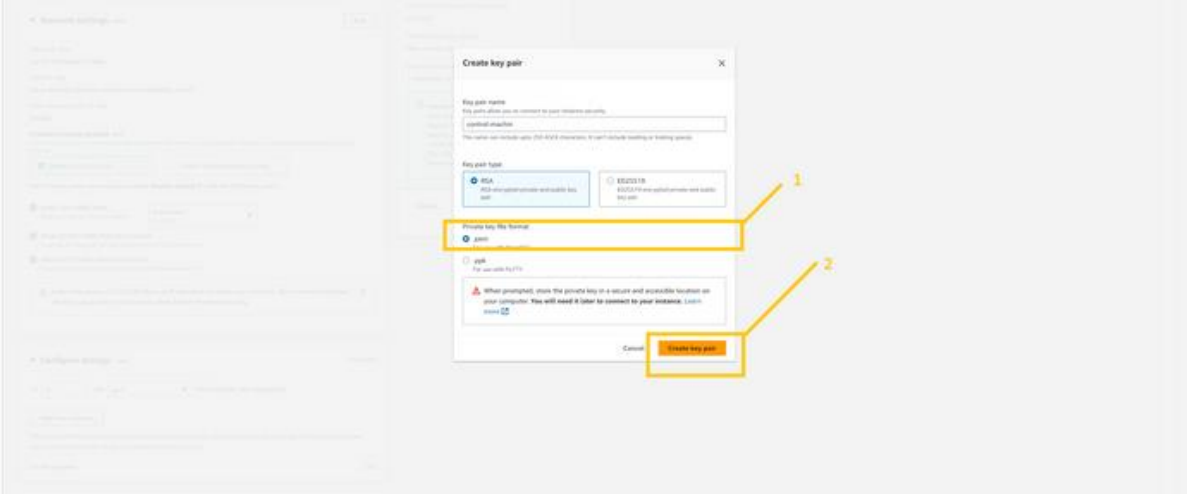
Now we are going to create a temporary frontend and backend server to do all the required setup, take snapshots and create Machine images from it. So that we can utilize it in the launch template. It is a long process so bear with me.***Note: we are doing this setup in the us-east-1 region and we don't have to do this in the us-west-2 because we are going to leverage AWS backup service and copy it in the us-west-2 region.*** First, click on the `instance` button and then click on the `Launch Instance` button on the top right corner.



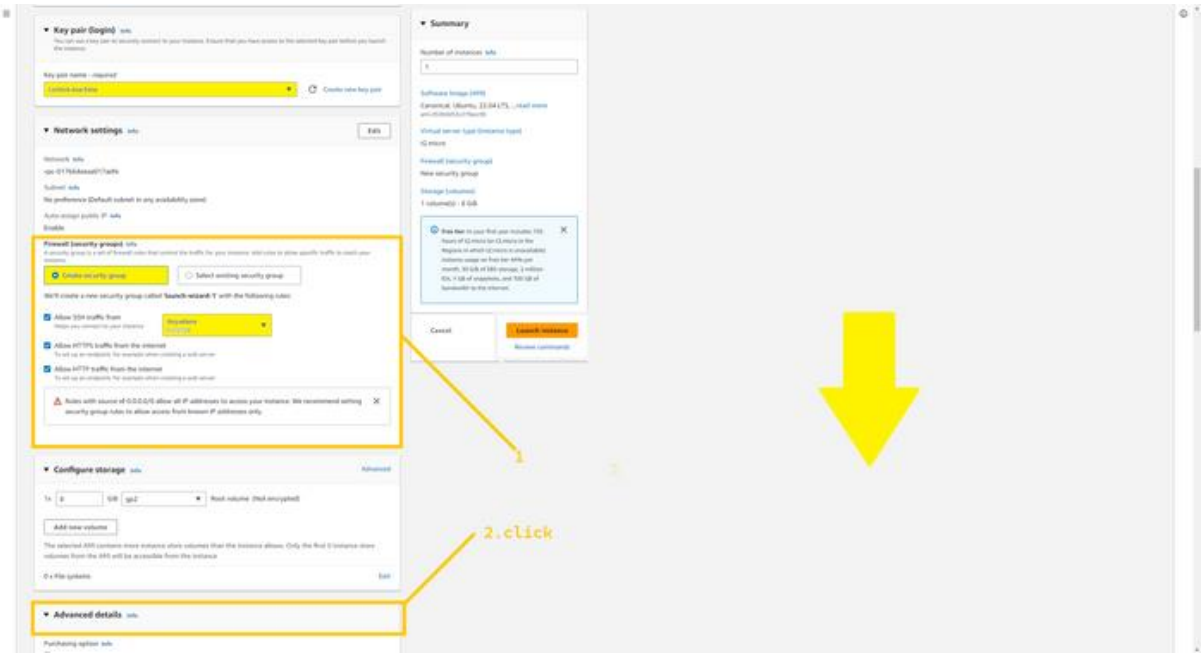
First, we are going to set up a frontend server. Give a name to your instance **(temp-frontend-server)**. Select Ubuntu as the operating system. Choose the instance type as `t2.micro`. click on Create key pair if you don't have it.



If you are creating key pair make sure you select .PEM file format as I have shown in the below image. Because we are going to use Git bash to do the login NOT putty and give any name to your key. And save it somewhere safe location on your computer.



Here we are doing a temporary setup so we don't use our OWN VPC. we can use the default VPC given by AWS. In short, keep the Network setting as it is. In the firewall setting select all the fields as I shown in the below image to keep things simple. And lastly, click on the **Advance details** option.



Scroll down to the bottom of the page, here we can see one text box with the name USER DATA. Here in this text box, you can write your bash script file and that will be executed during the launch of the instance. I have given the bash script below. so please copy that script and paste it here. And lastly, click on the `launch instance` button.

#!/bin/bash

sudo apt update -y

sudo apt install apache2 -y

curl -fsSL https://deb.nodesource.com/setup_18.x | sudo -E bash - &&
sudo apt-get install -y nodejs -y

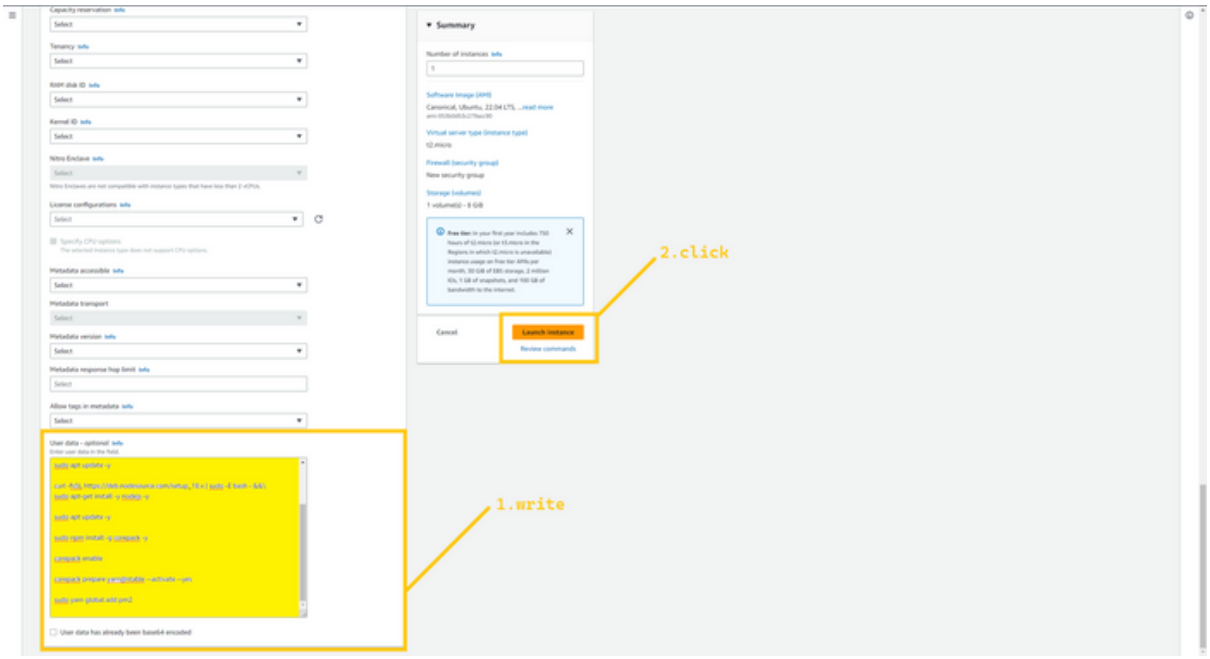
sudo apt update -y

sudo npm install -g corepack -y

corepack enable

corepack prepare yarn@stable --activate --yes

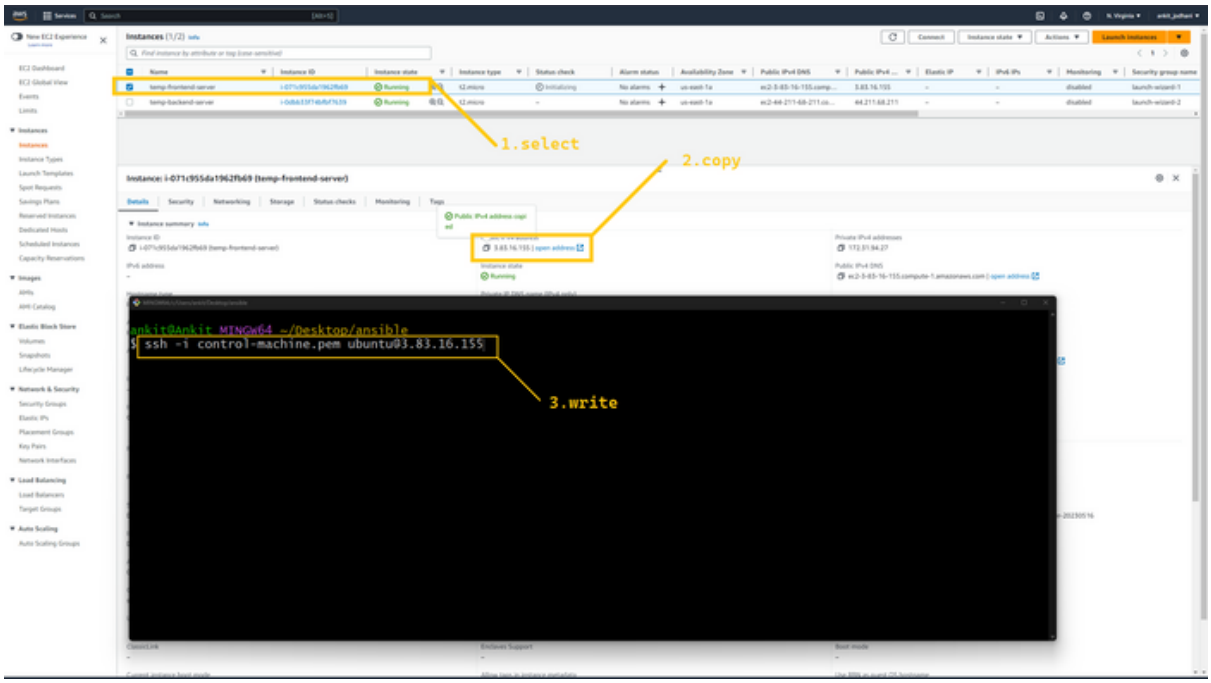
sudo yarn global add pm2



Please wait for 5-8 minutes so that the instance comes in a running state. and then we will utilize instances for further steps.

Select **temp-frontend-server**. and copy the IP address of the instance. Now open Gitbash where you have downloaded your YOUR_KEY.pem file. And type the command.

```
ssh -i <name_of_key>.pem ubuntu@<Public_IP_add_of_Instance>
```



It will prompt you for your permission just type **yes**