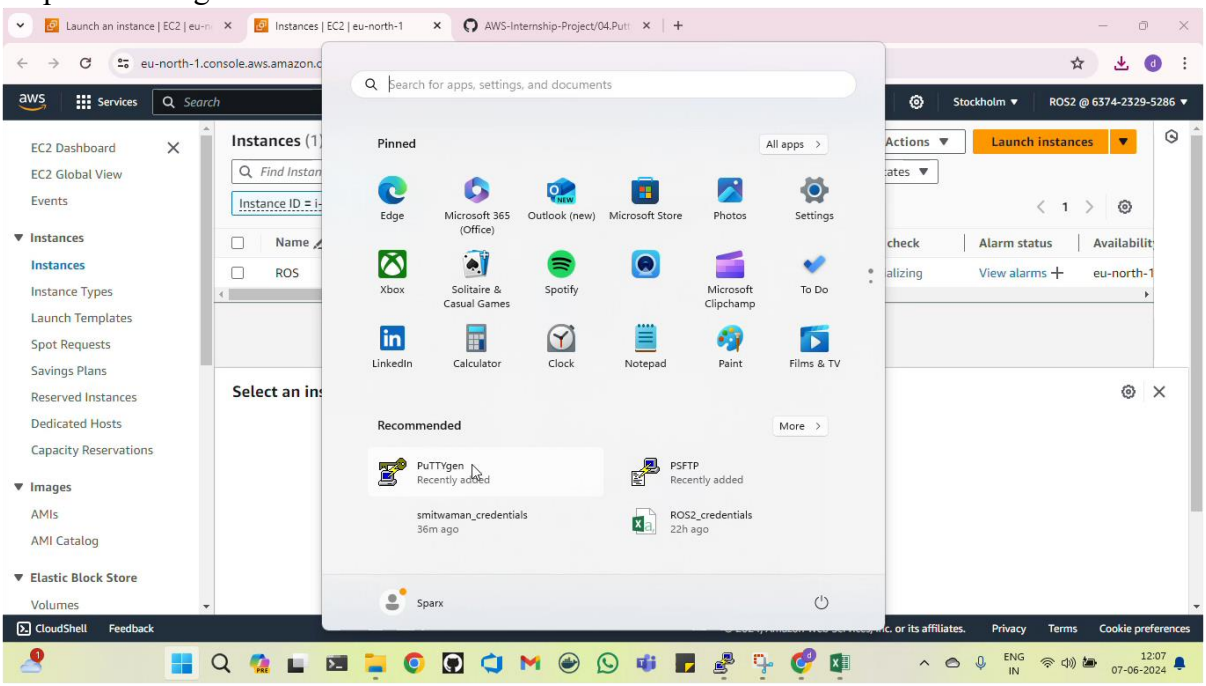
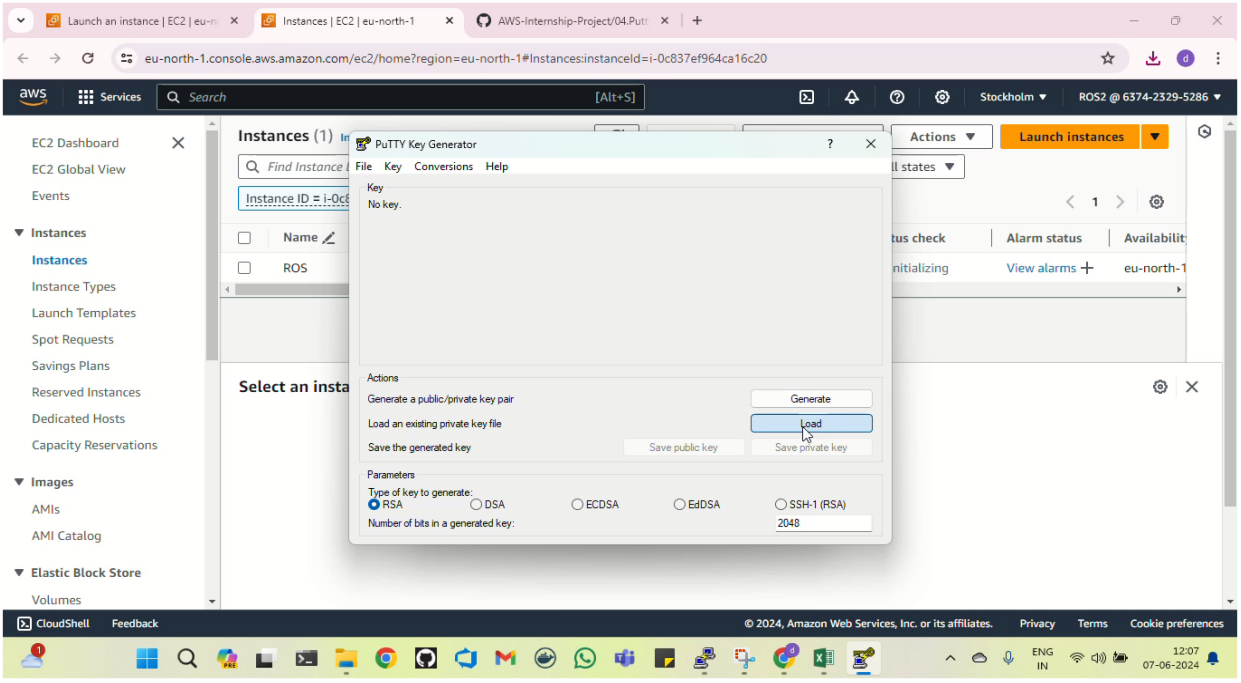
Step 3: SSH and login into EC2 using SSH key.

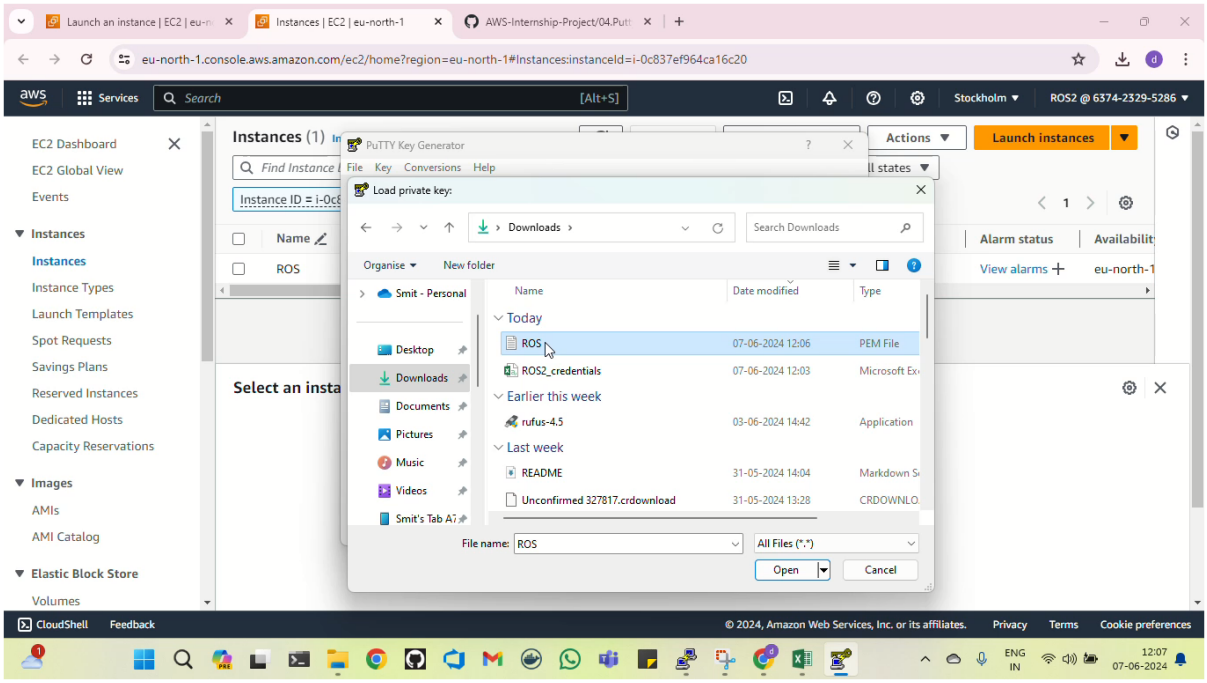
1. After launching, let SSH access using PuTTY and PuTTYgen or you can use another SSH client also. Here I am using putty. If putty is not installed on your system, you have to install it on your system. Use PuTTY and PuTTYgen to SSH into the EC2 instance .Open PuTTYgen.



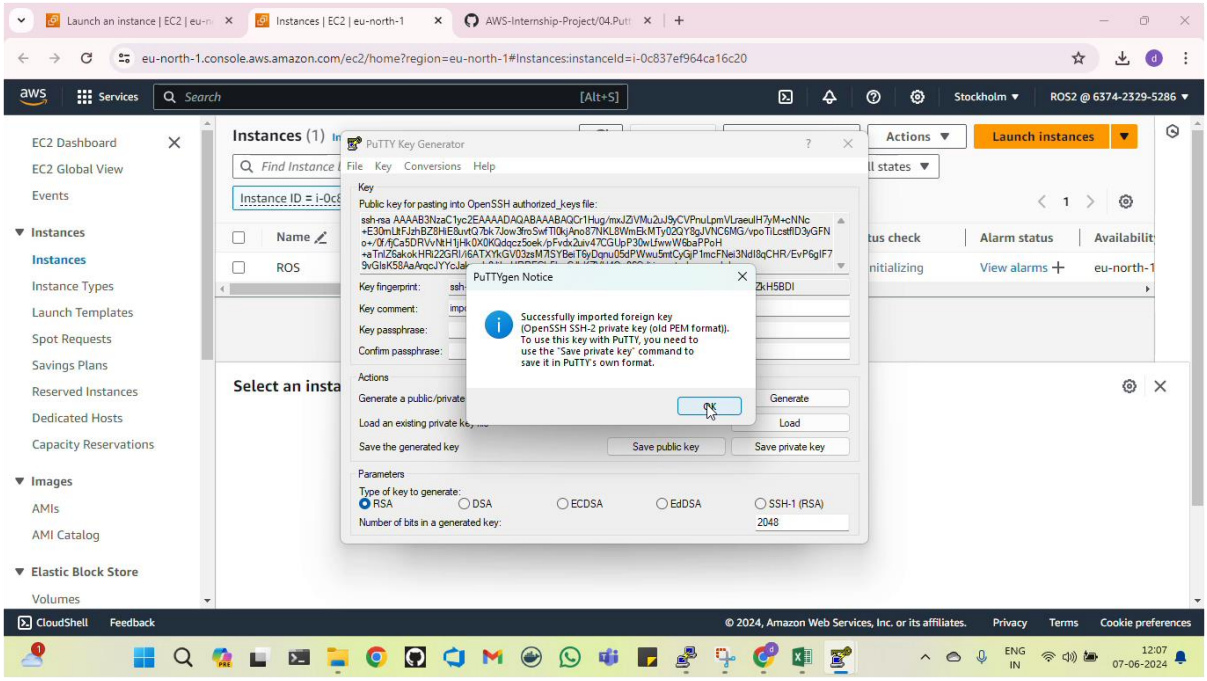
2. Click on “Load”



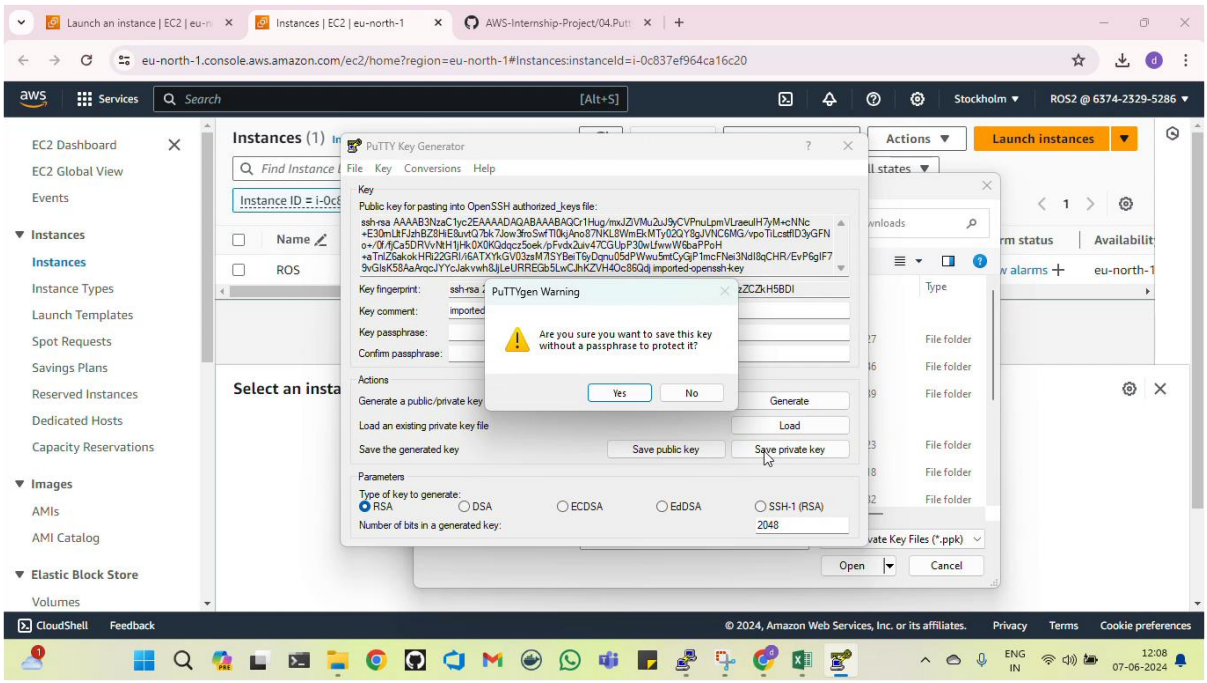
3. One Download window will popup and here, open your AWS downloaded key pair.



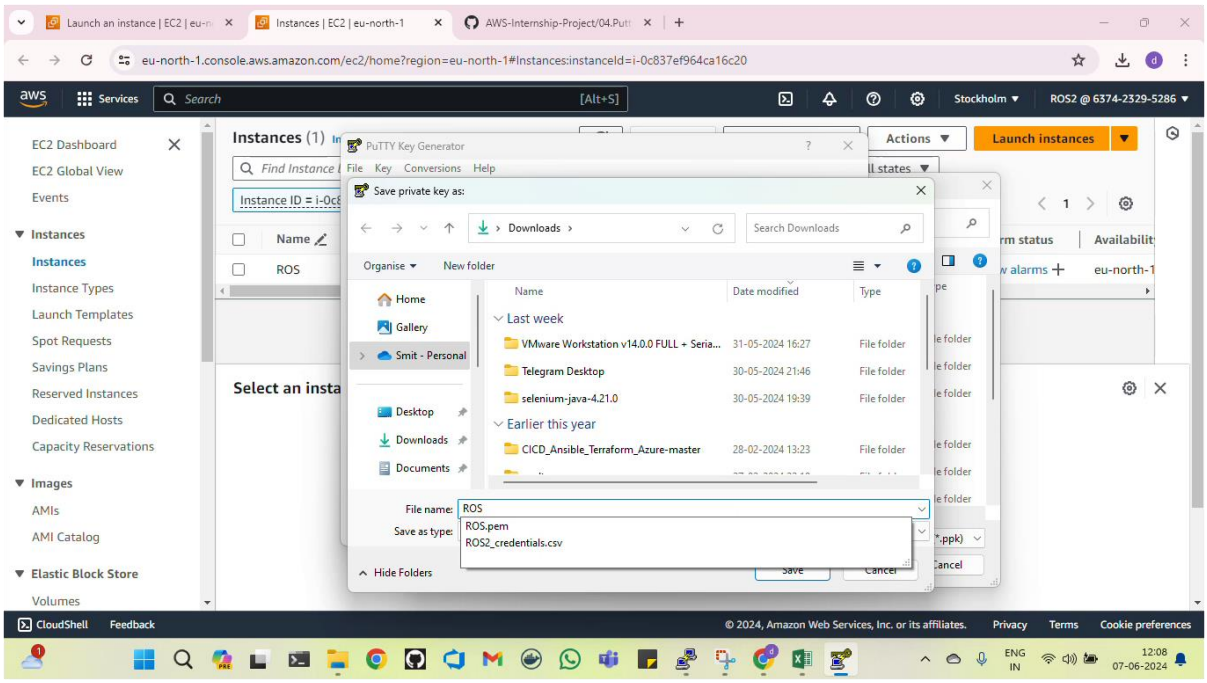
4. After successfully key imported click on “OK” button.



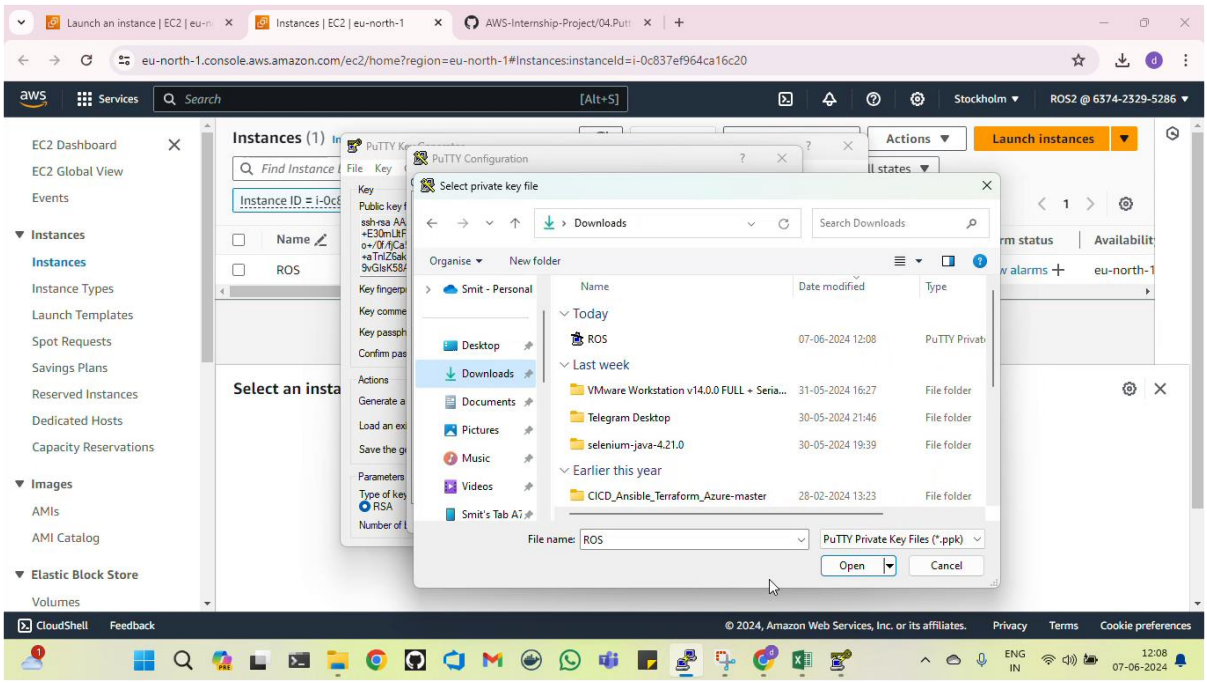
5. Stay on next window and click “Save private key” button. And give confirmation with selection “Yes”



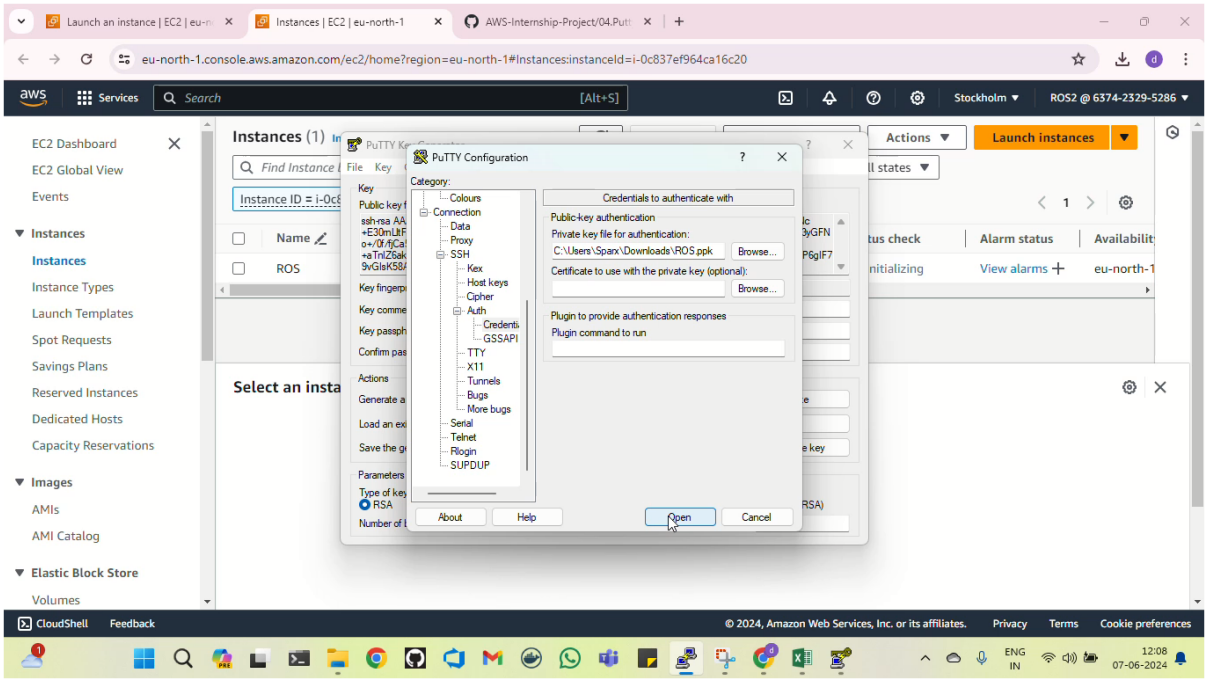
6. Once your key saved as private key. It will prompted to saving key in PuttyGen. Here give your name for key and click “Save”.



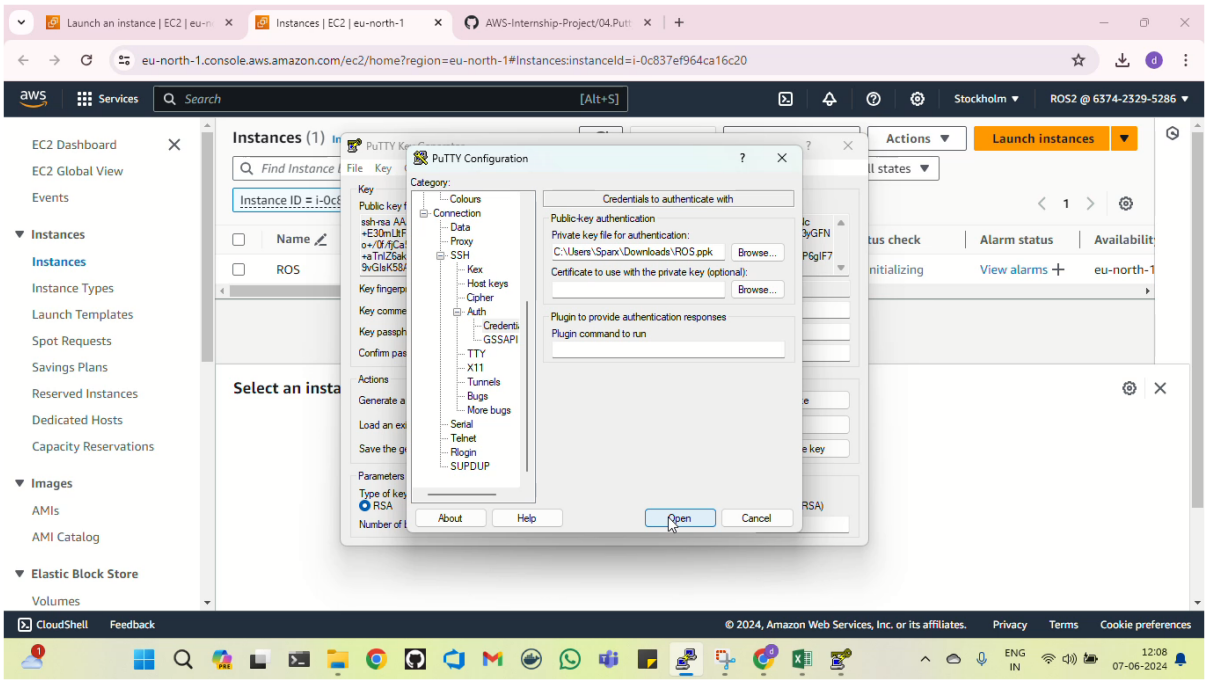
7. Here we fine new key stored with PuTTYgen with blue colour icon. Here work of has over.



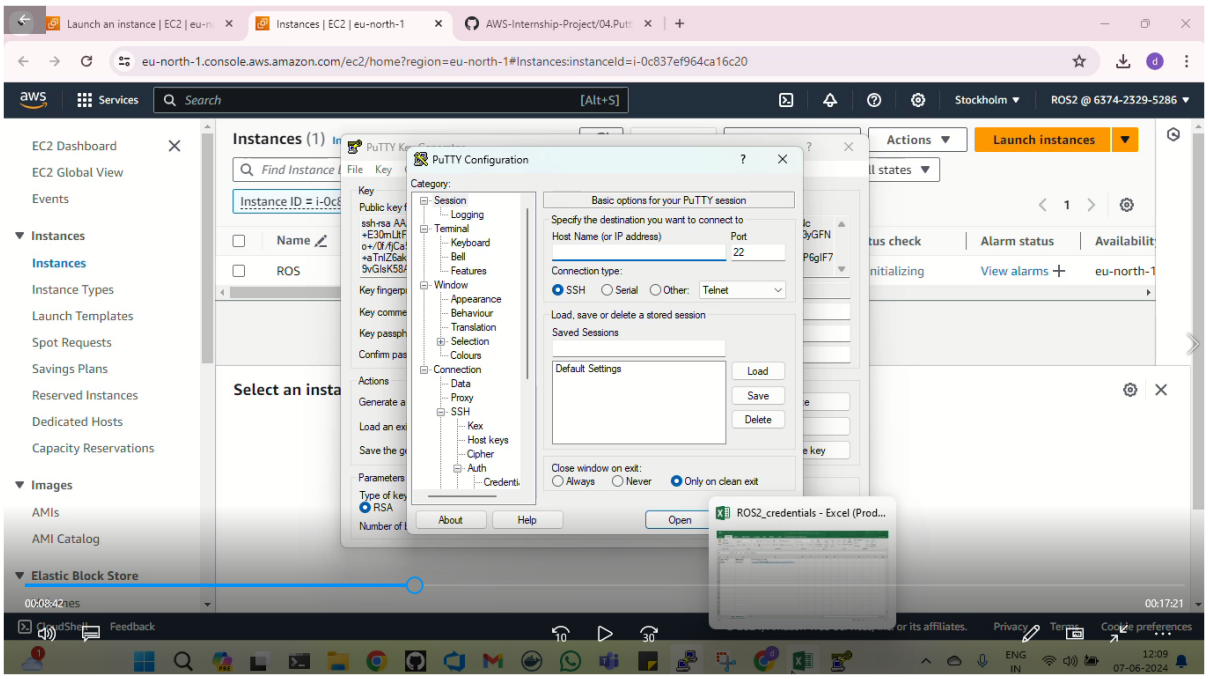
8. In next step we have add key into Putty and create login session with public Ip of EC2 instance. Open “Putty” window.



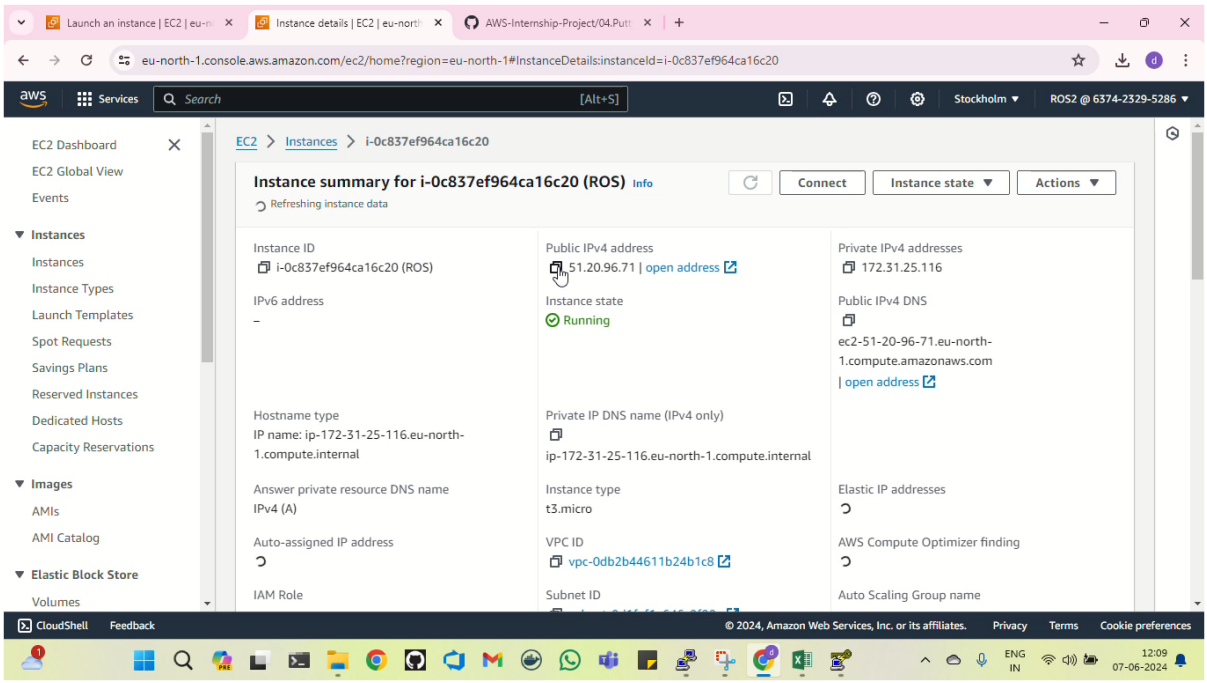
9. Next, select menu in LHS as Auth > Credentials>”and click on Browse and select key” that you created using PuttyGen



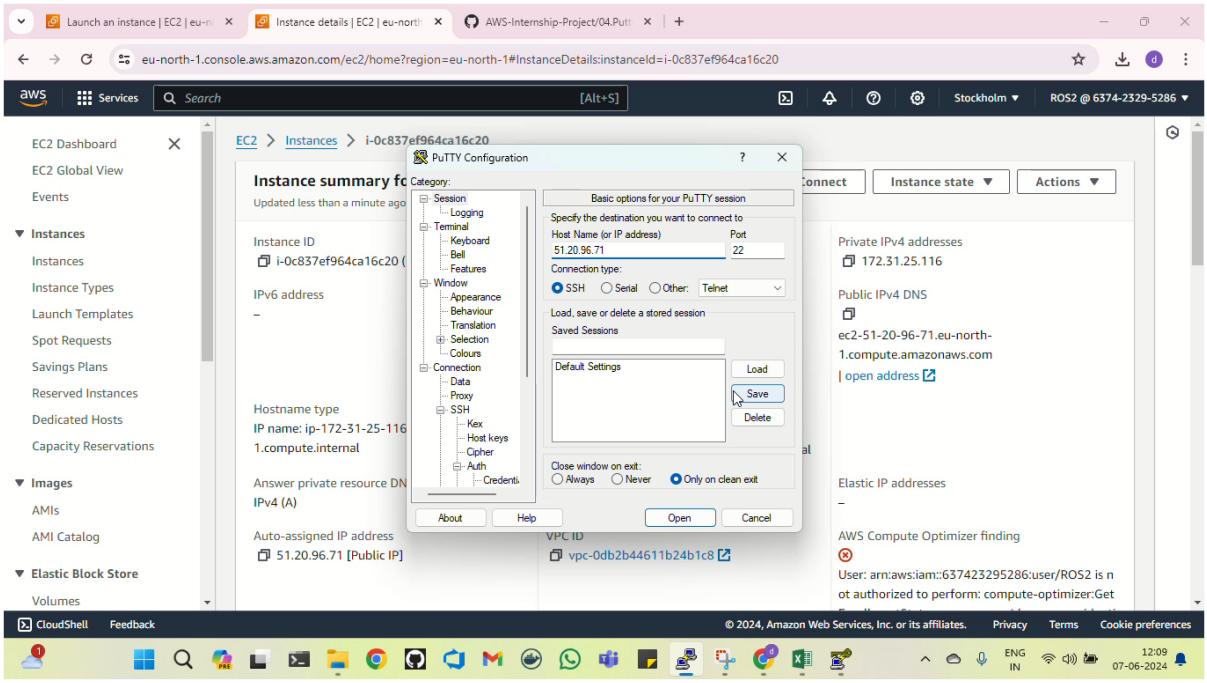
10. In next task navigate to “Session” menu in LHS. And select “Logging”.



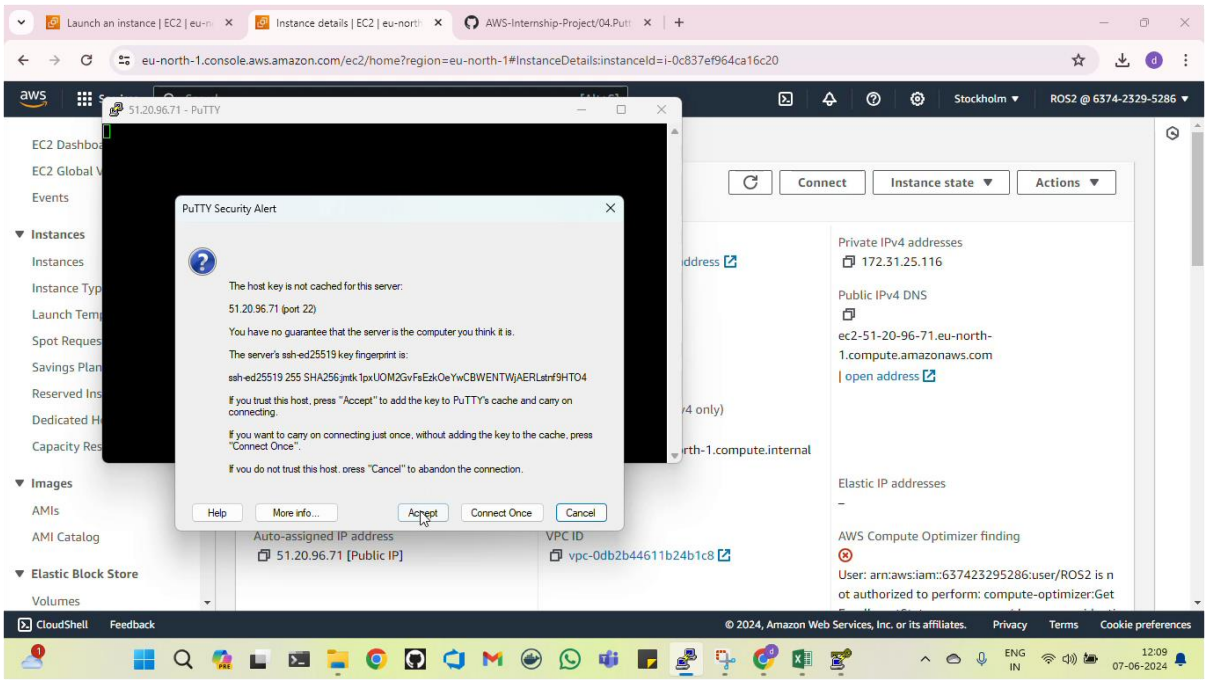
11. Next Copy EC2 Public IP address from instance dashboard.



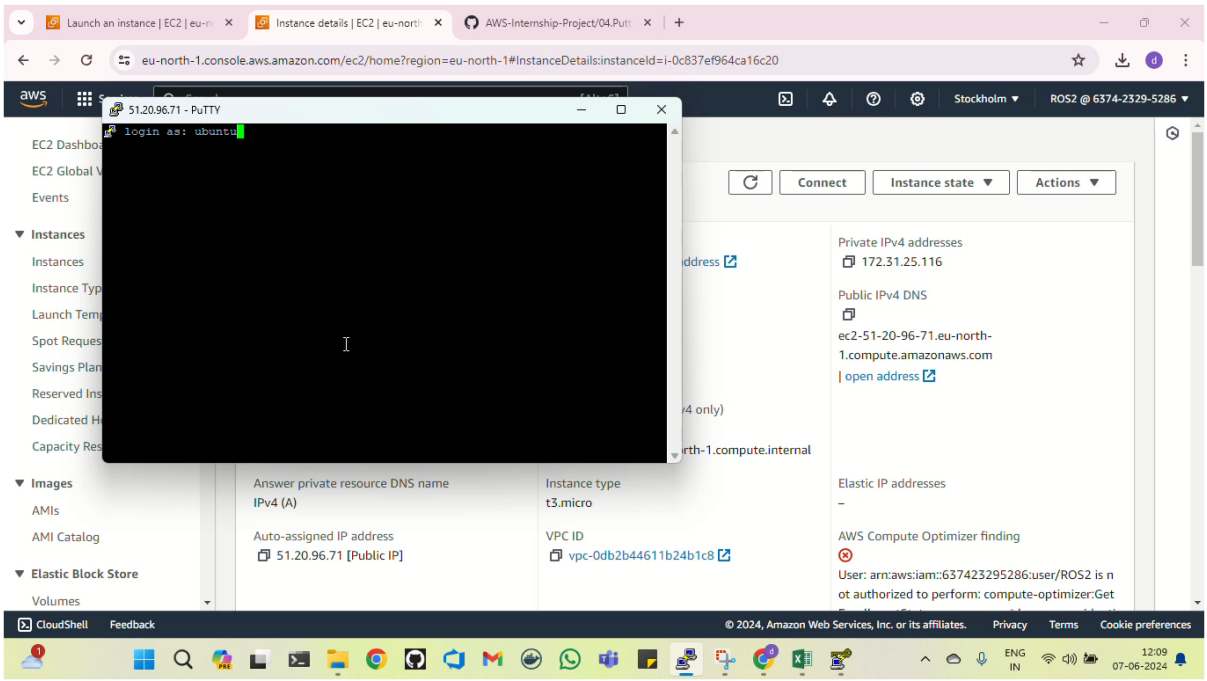
12. Paste copied IP address into Host IP address section and click “Open” button.



13. Next Terminal window will start. Select “Accept” on dialogue box.



14. Terminal will ask for Username. Give Username as “Ubuntu” in login terminal window.



15. If any permission for storing your host key will be ask than type “Yes”. And here you will see your EC2 instance with private IP address and username has successfully logged in. Further we can proceed for ROS2 installation on EC2.