SOLUTIONS ARCHITECTING ON CLOUD

(20CS3235AA) Labs-4

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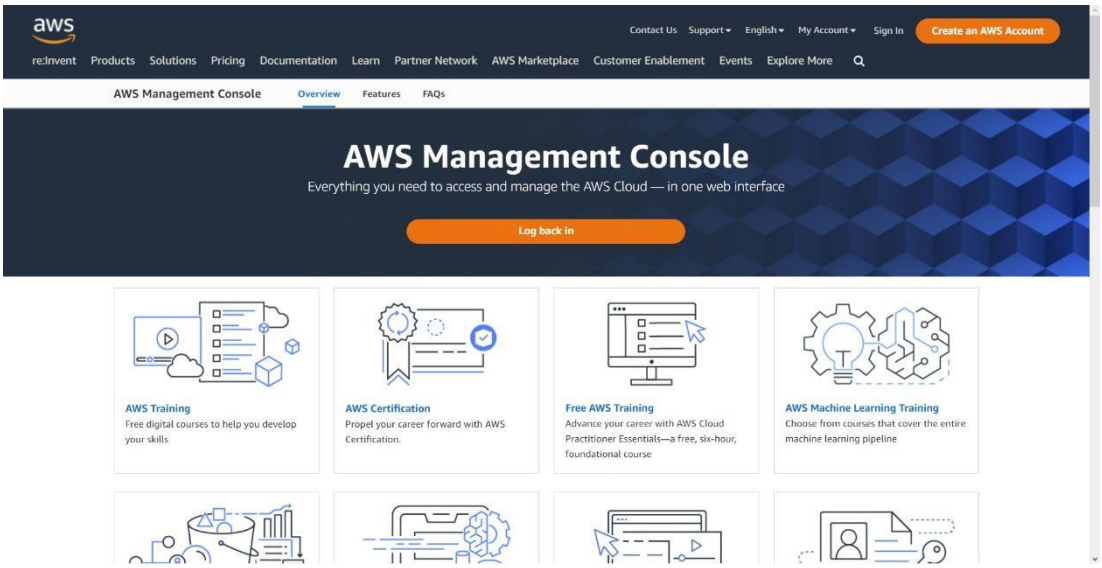
Scripting with user data in ec2 Linux, versioning in s3, Static website hosting.

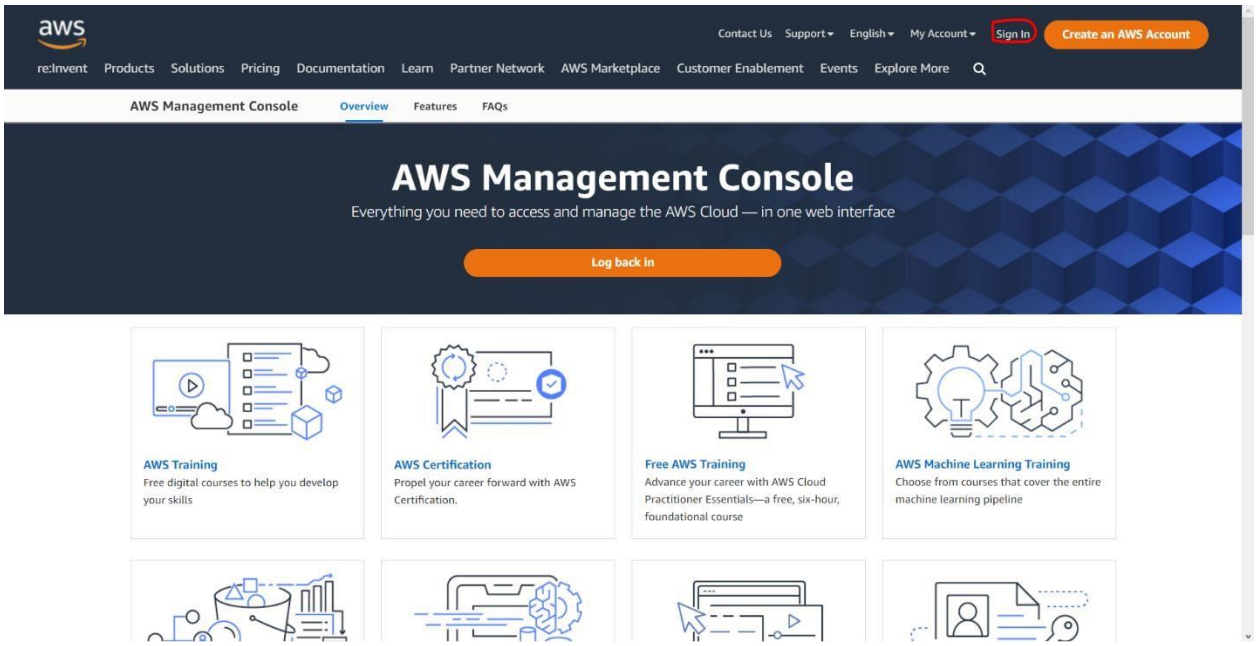
PART-1

Scripting with user data in ec2 Linux

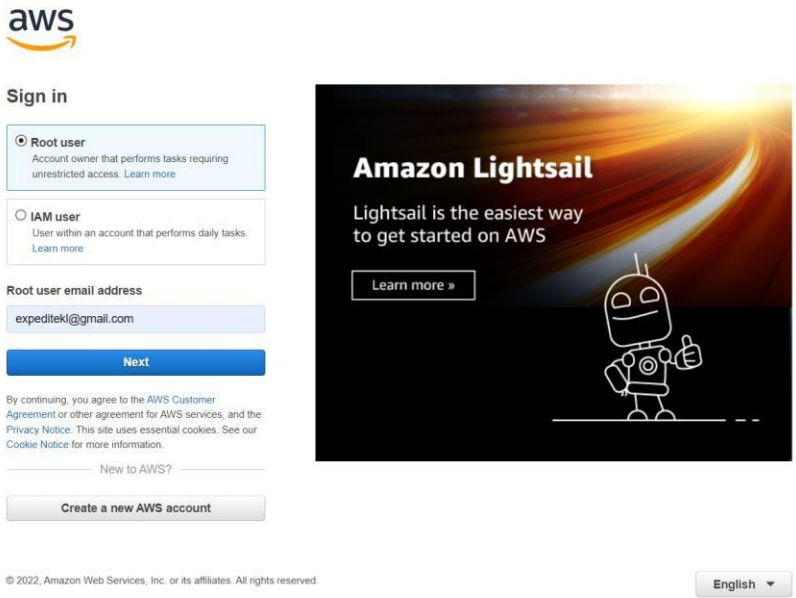
Step-1: Go to Google Browser and type AWS Management Console.



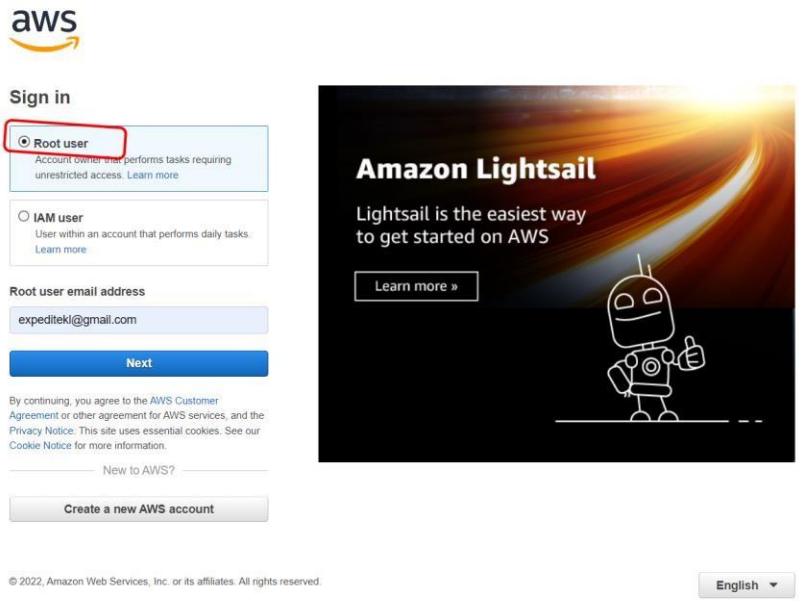
Step-2: After That If you having an account in Aws management console then click on Sign-in option.



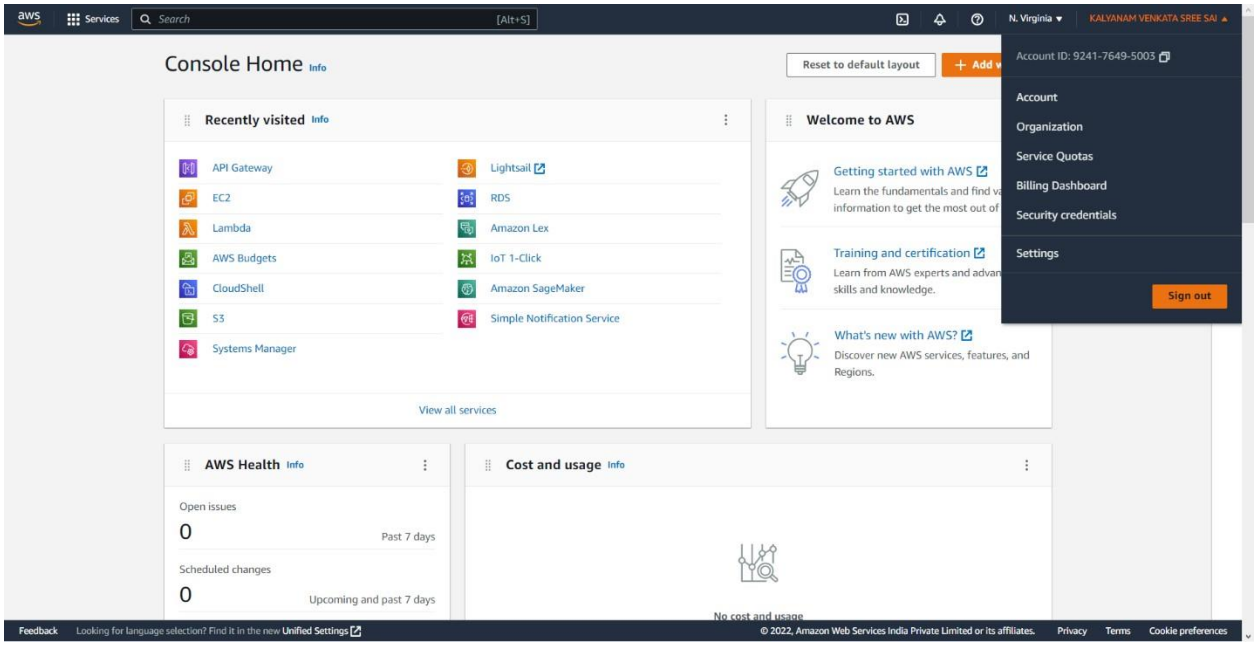
Step-3:After It will redirect to aws sign-in portal.



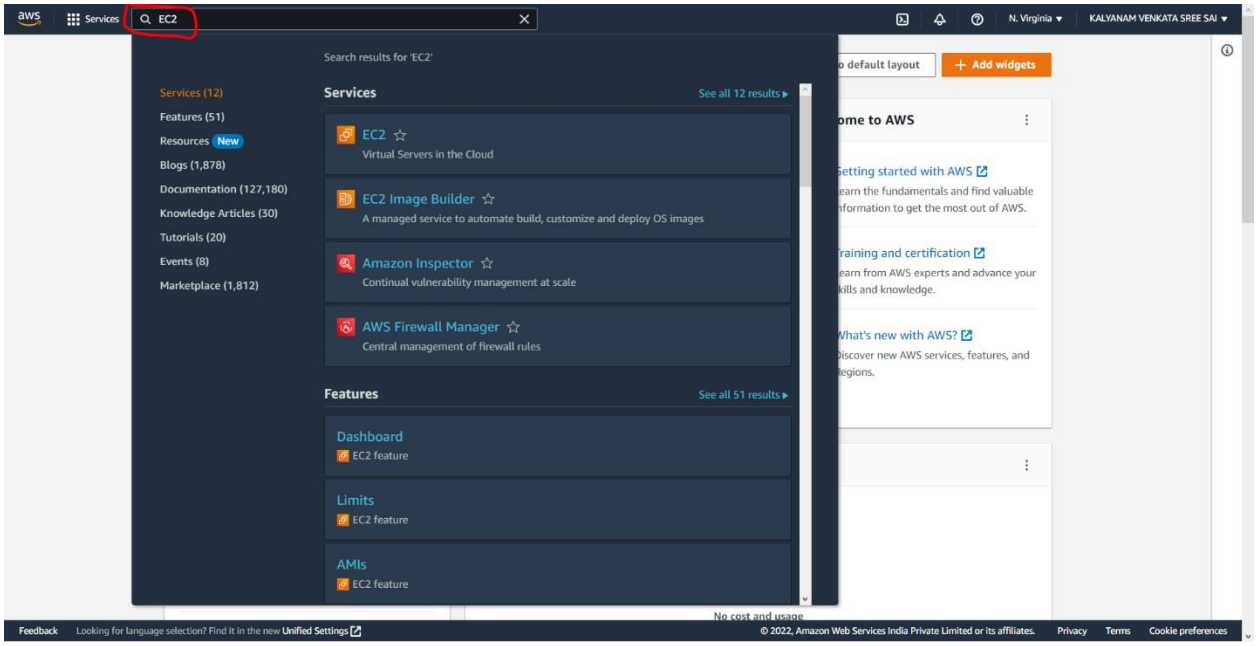
Step-4: Sign-in with your root account only



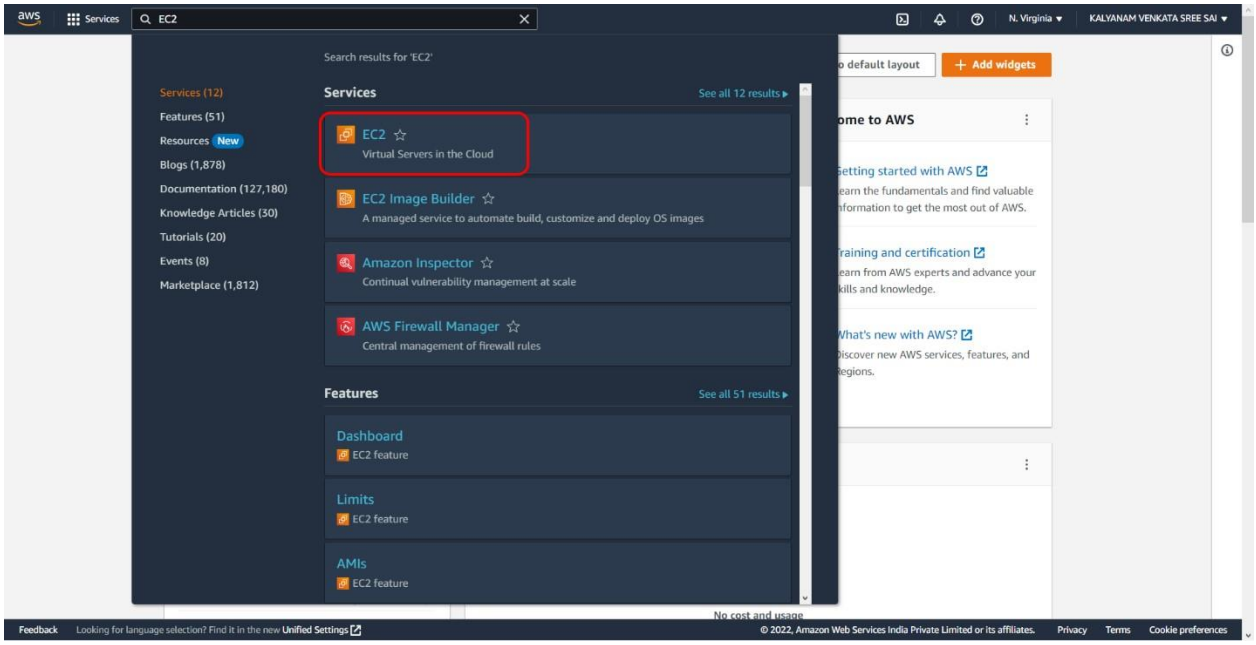
Step-5: After Sign-in the aws management console look like the below image.



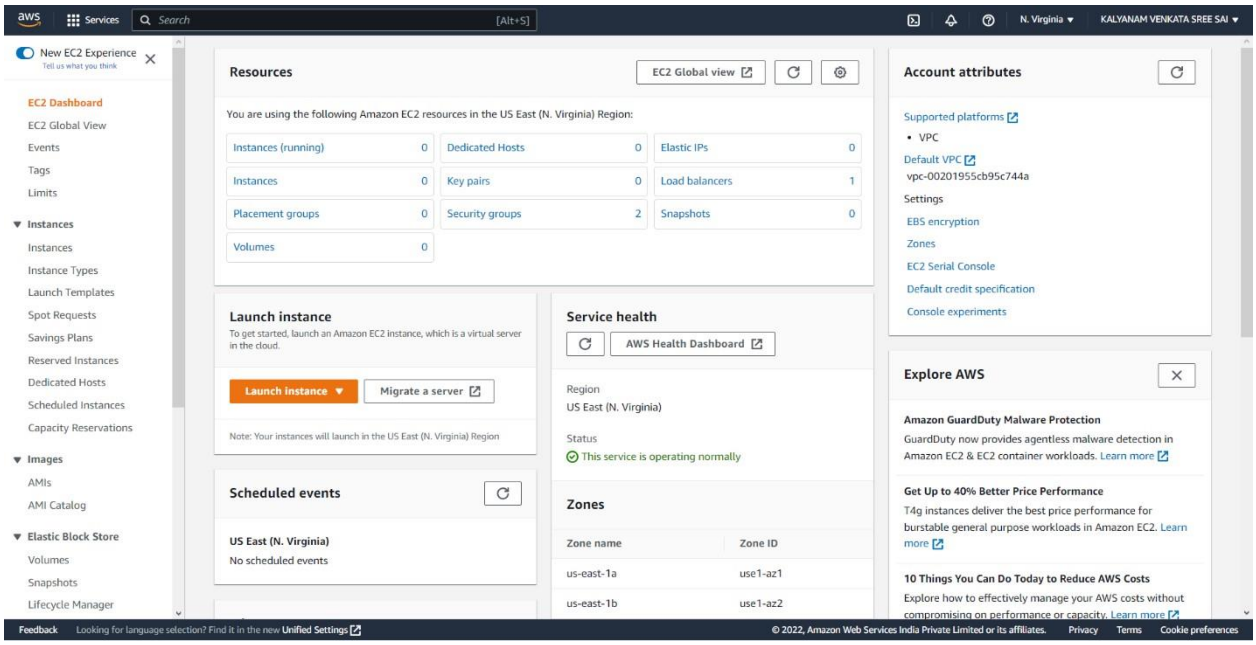
Step-6: Go through the search bar and type “EC2”.



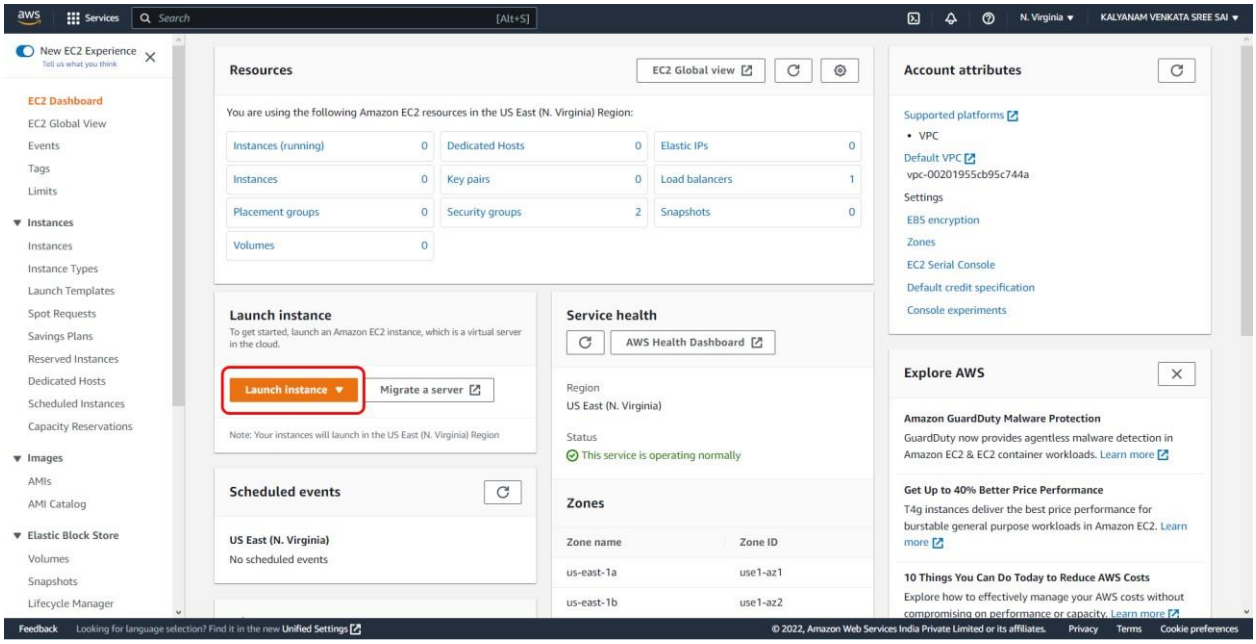
Step-7: Select the First service from the listed below.



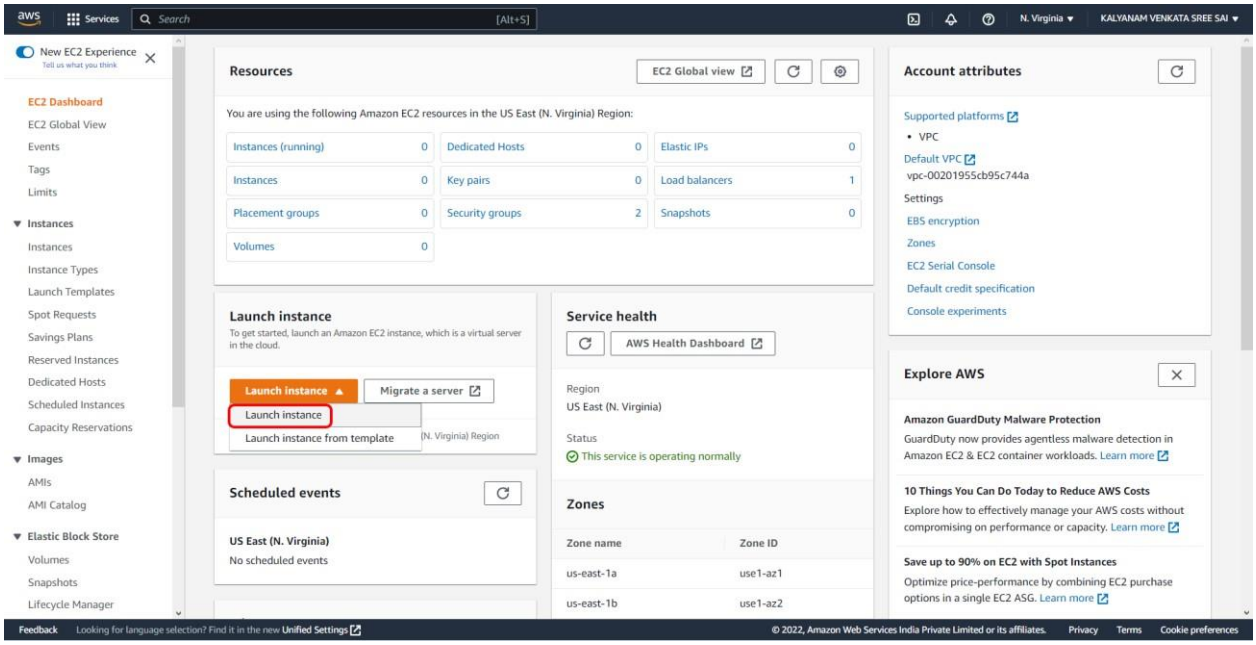
Step-8: After clicking the First Service The console will look like.



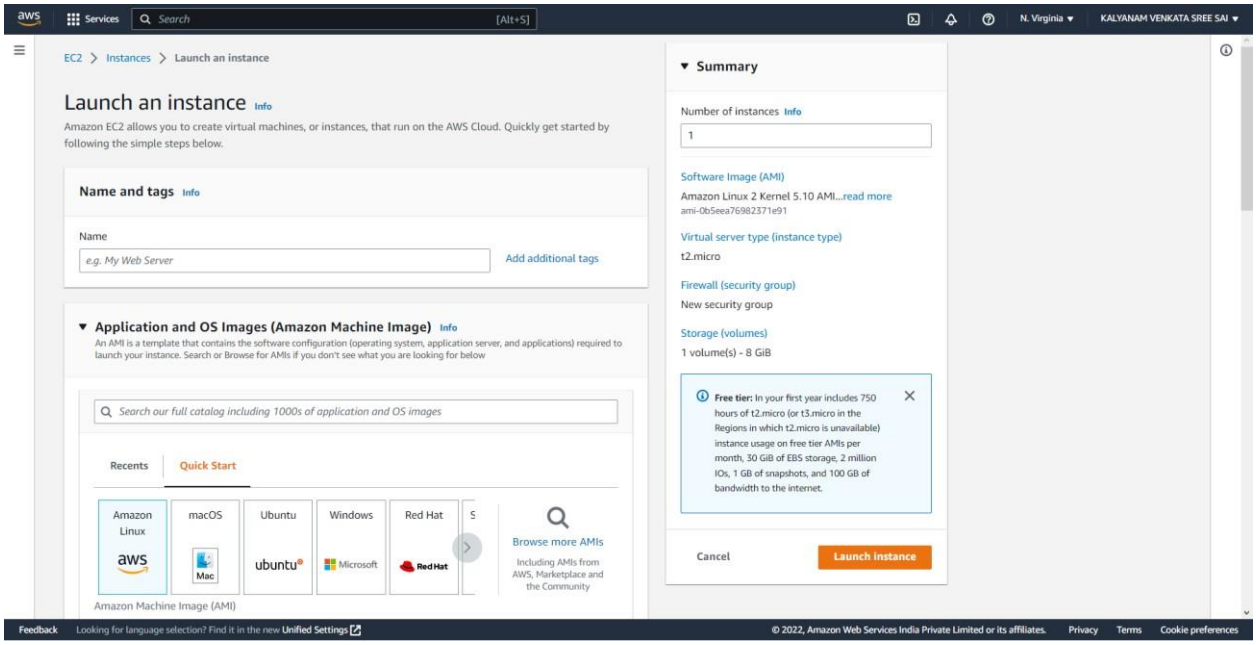
Step-9: Click on the “Launch Instance” in the EC2 console.



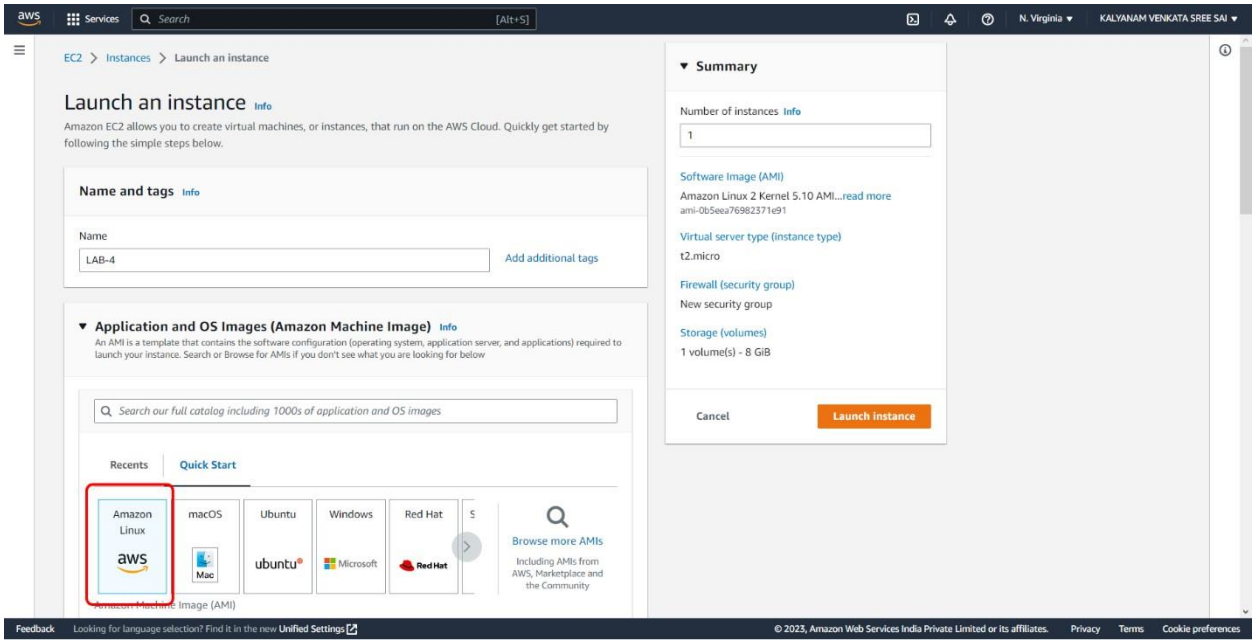
Step-10:Click on the “Launch Instance” from the drop down menu.



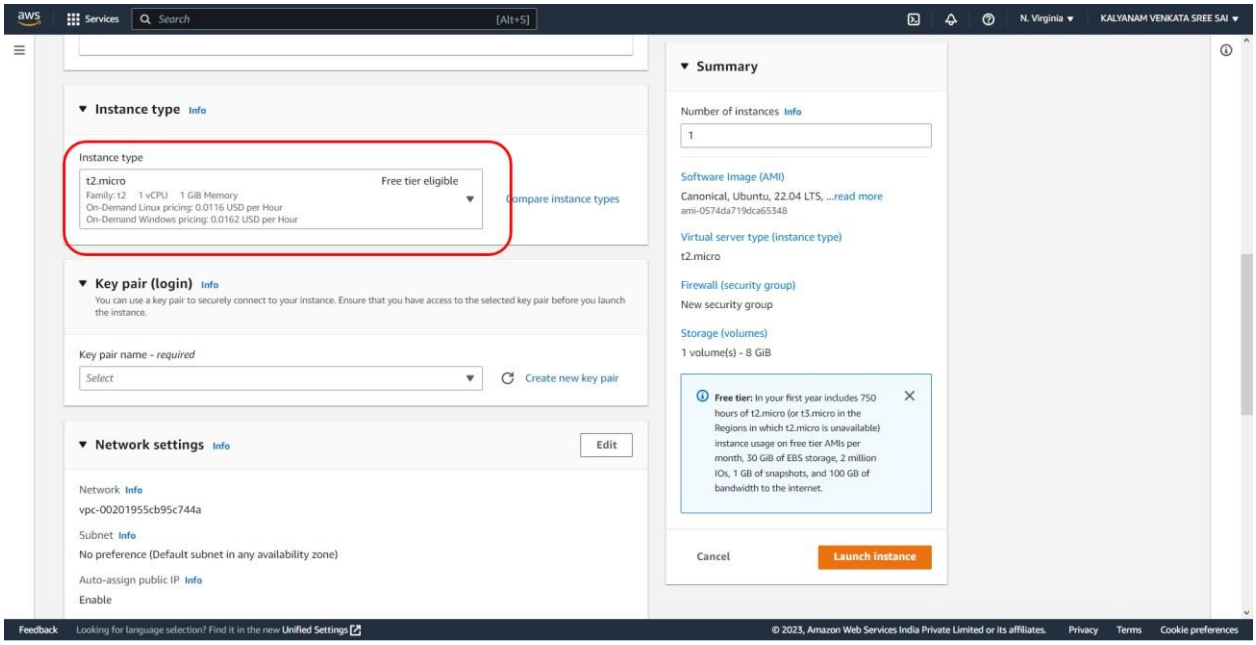
Step-11: After Clicking on the Launch Instance It will look like.



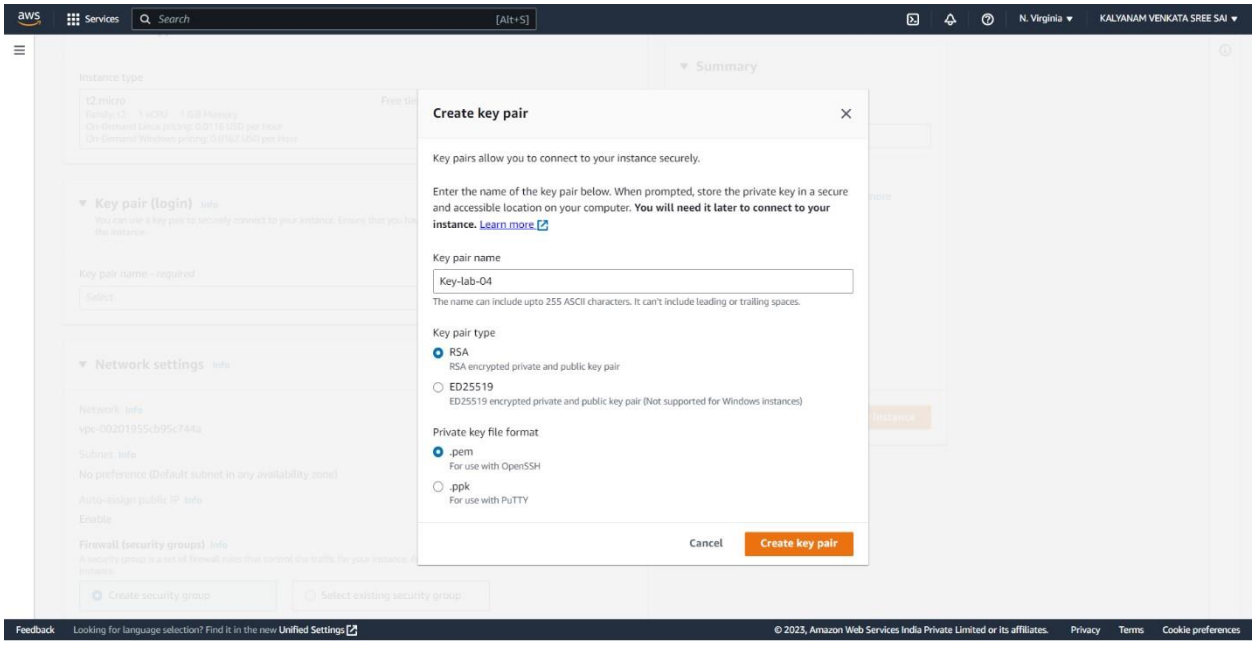
Step-12: In the AMI Section Select the “Amazon Lunix”.



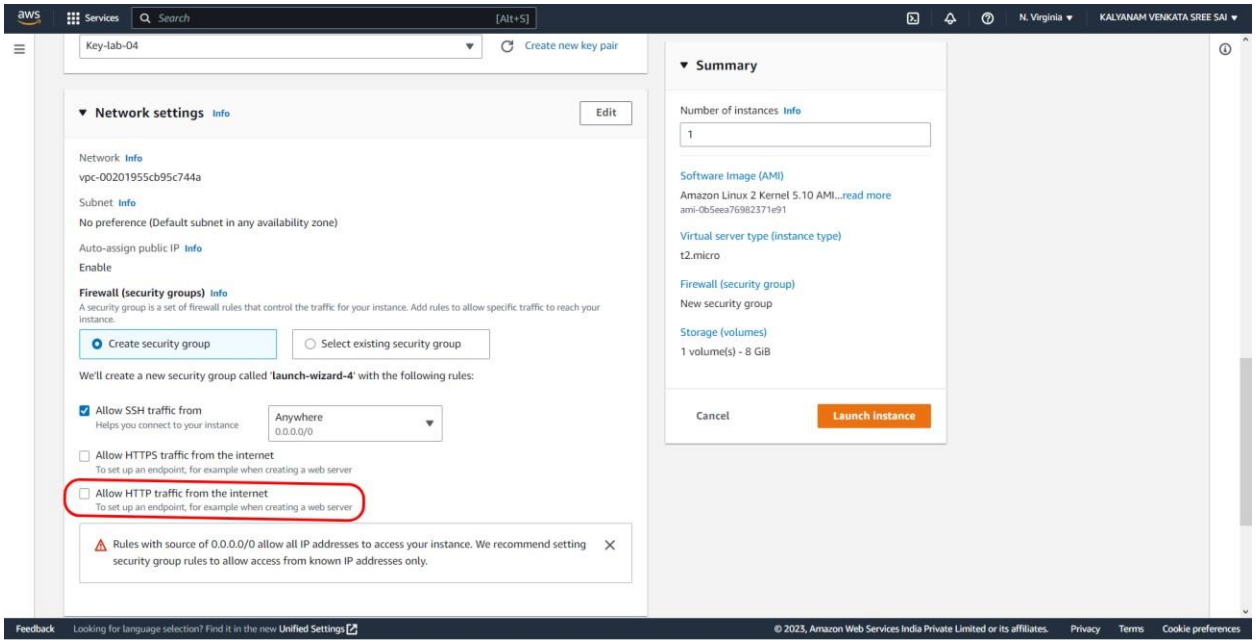
Step-13 :After select The Instance Type “t2.micro” **which is under free tier eligible**.



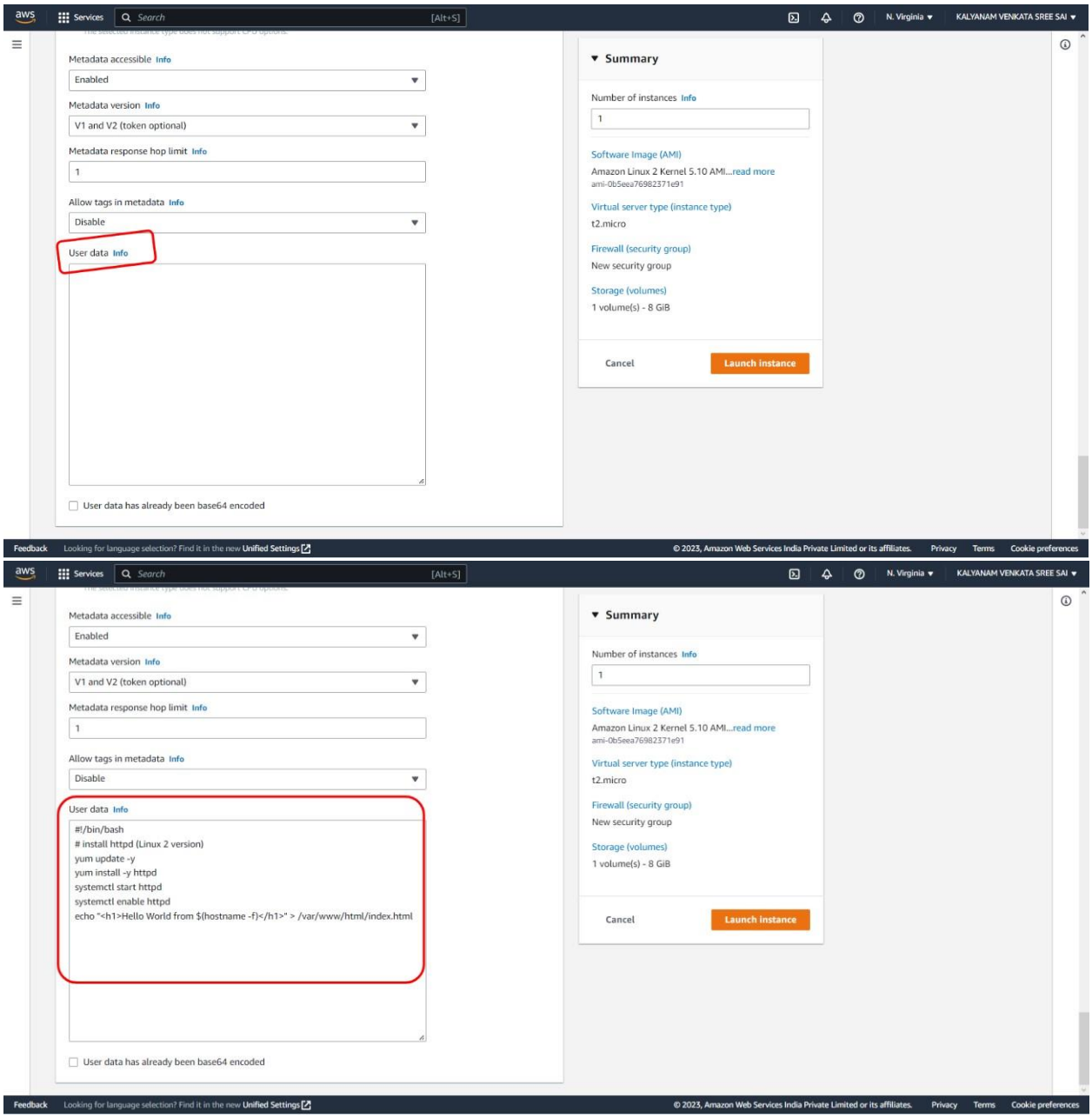
Step-14: Now "**Create the new key pair**" with extension .pem which will useful for connecting The EC2 Instance through "SSH" .



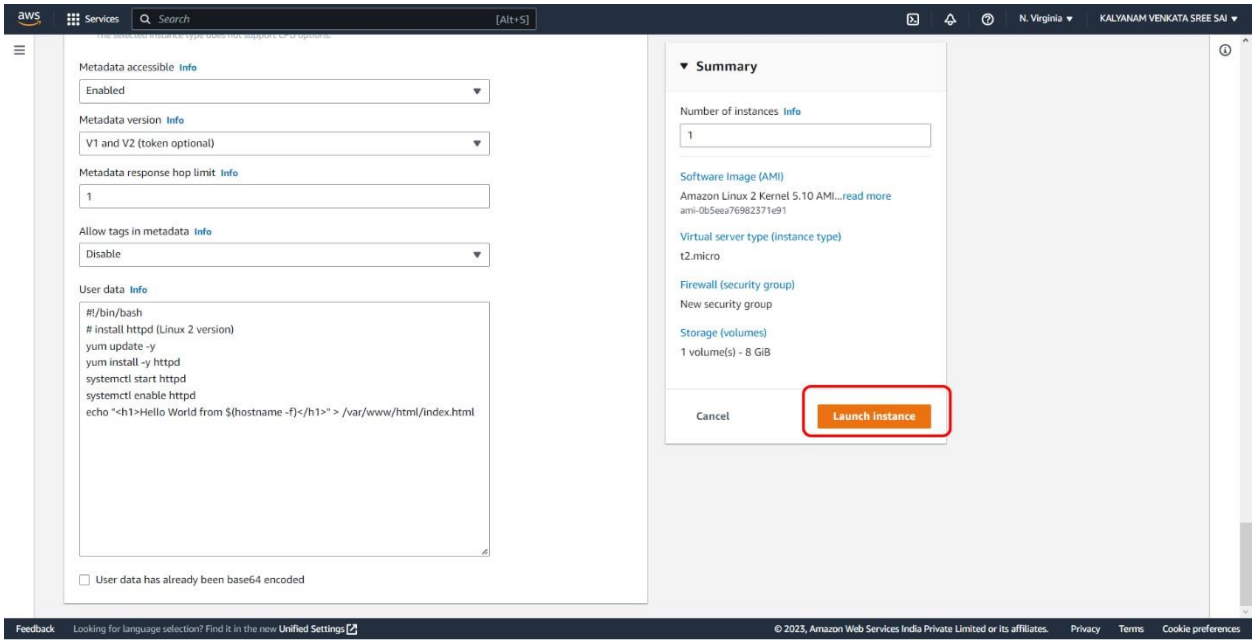
Step-15: Check the "Allow HTTP traffic from the internet".



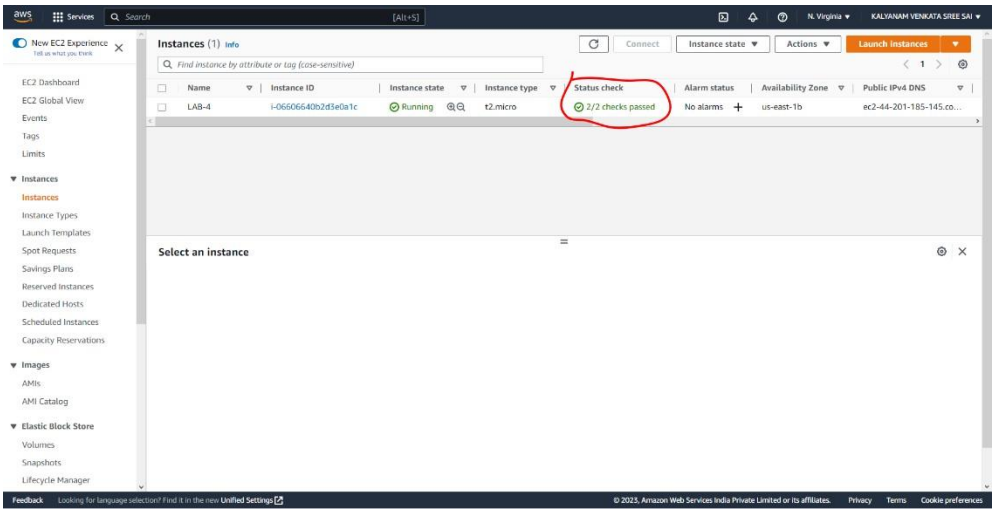
Step-16: Click on the “Additional Details” and “Scroll down” add the Custom data in the “User Data”.



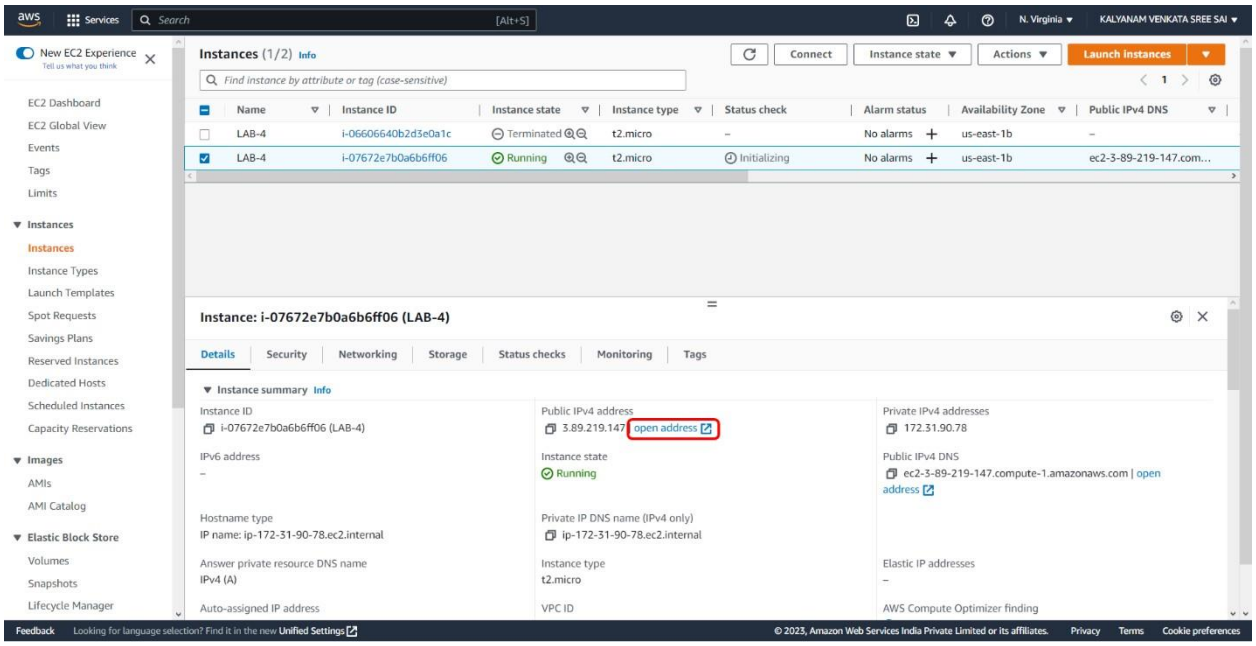
Step-17:After That Launch The Instance



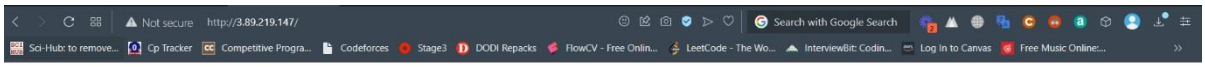
Step-18: Check The Status which is “2/2 Check Passed”



Step-19: Go back to Step-18 and Select the Instance and then open the link under “Public IPv4 address”.



Step-20: Finally it display the data which is pasted under user data.

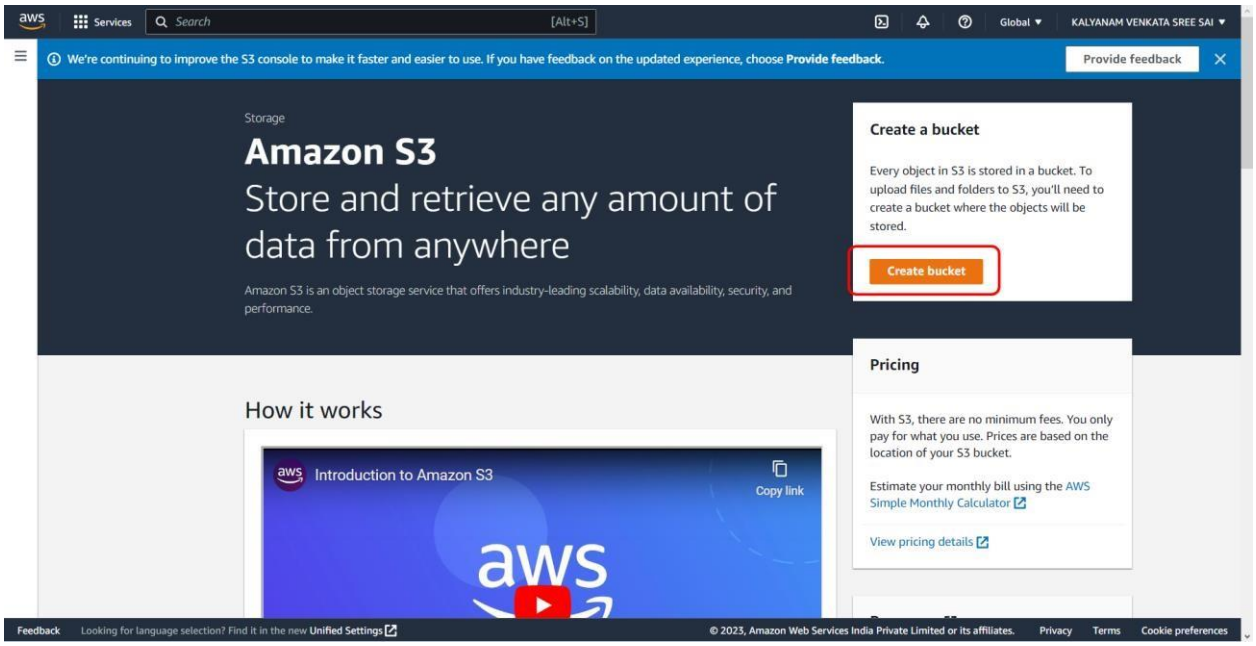


Hello World from ip-172-31-90-78.ec2.internal

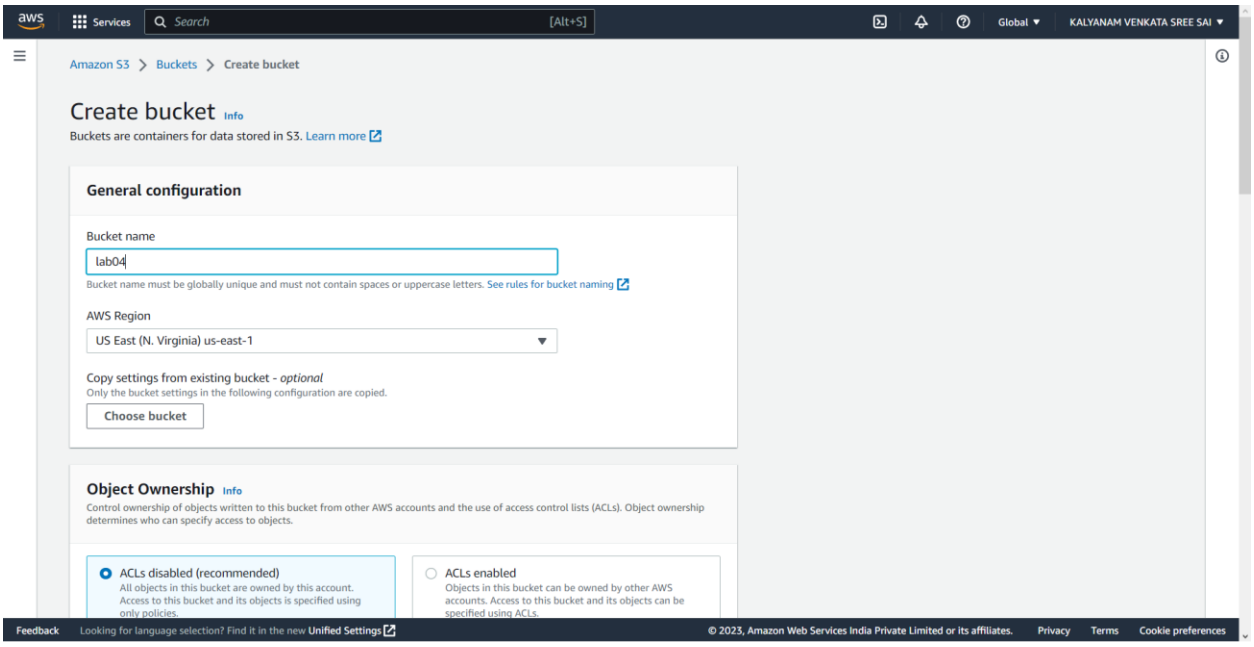
PART-2

versioning in s3

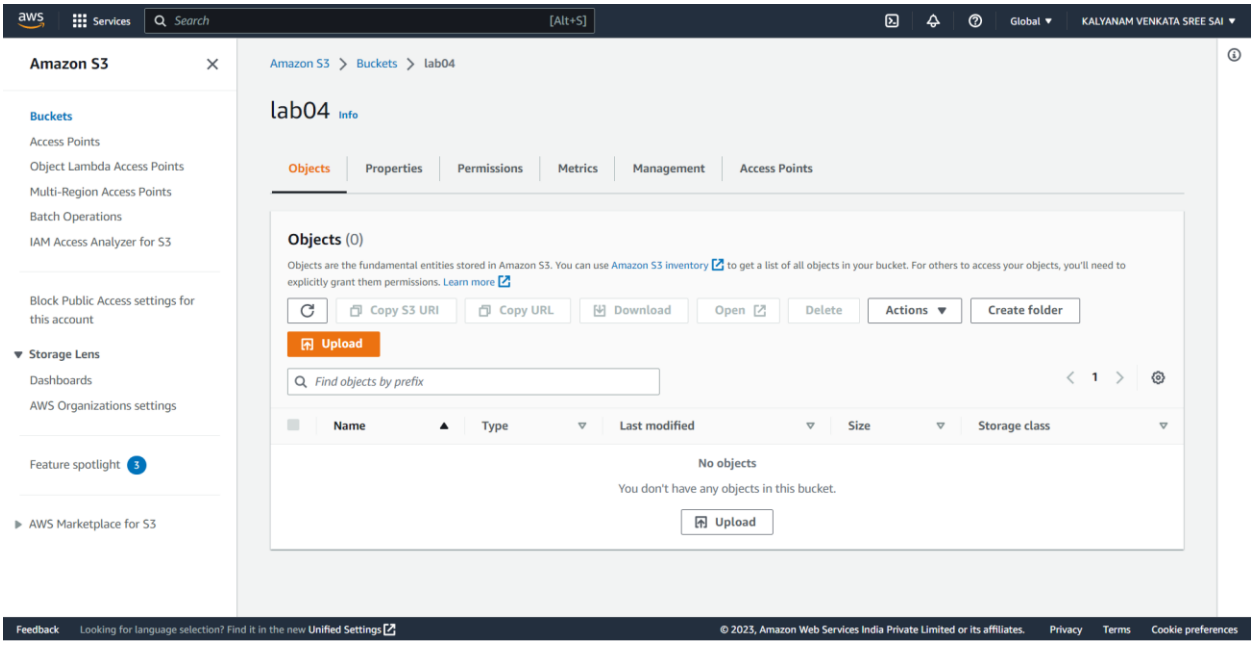
Step-1: Open the Amazon S3 Console and create the bucket
https://console.aws.amazon.com/s3/



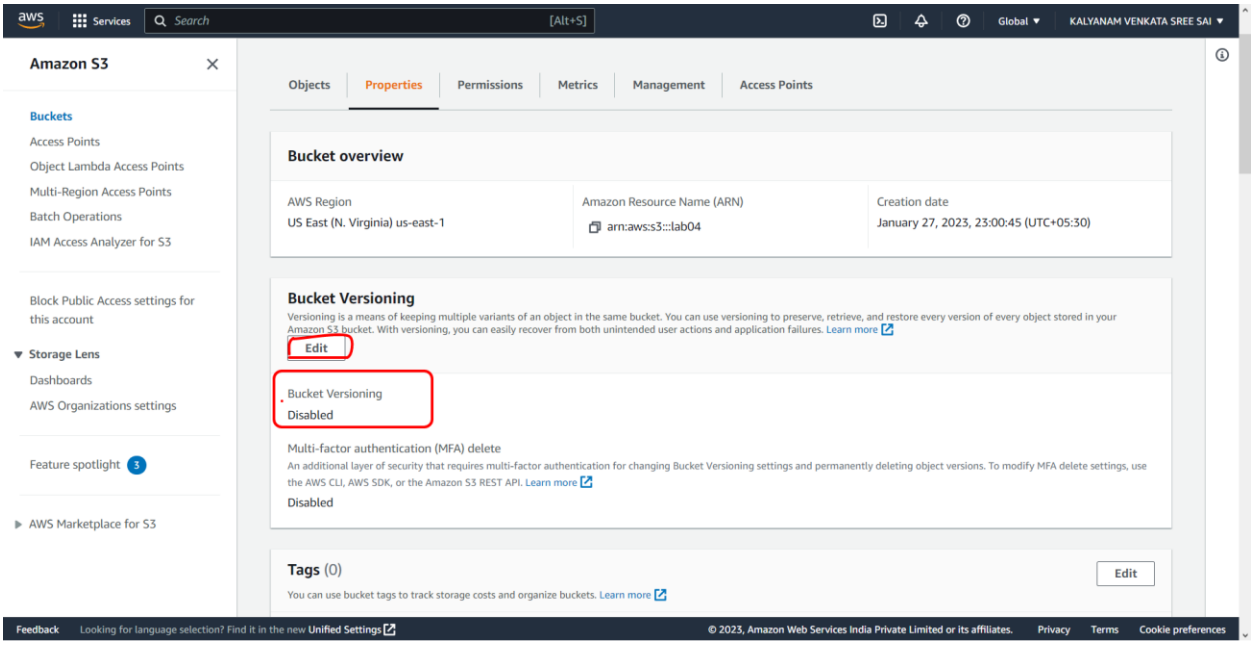
Step-2: Create The Bucket With Name “lab-04”



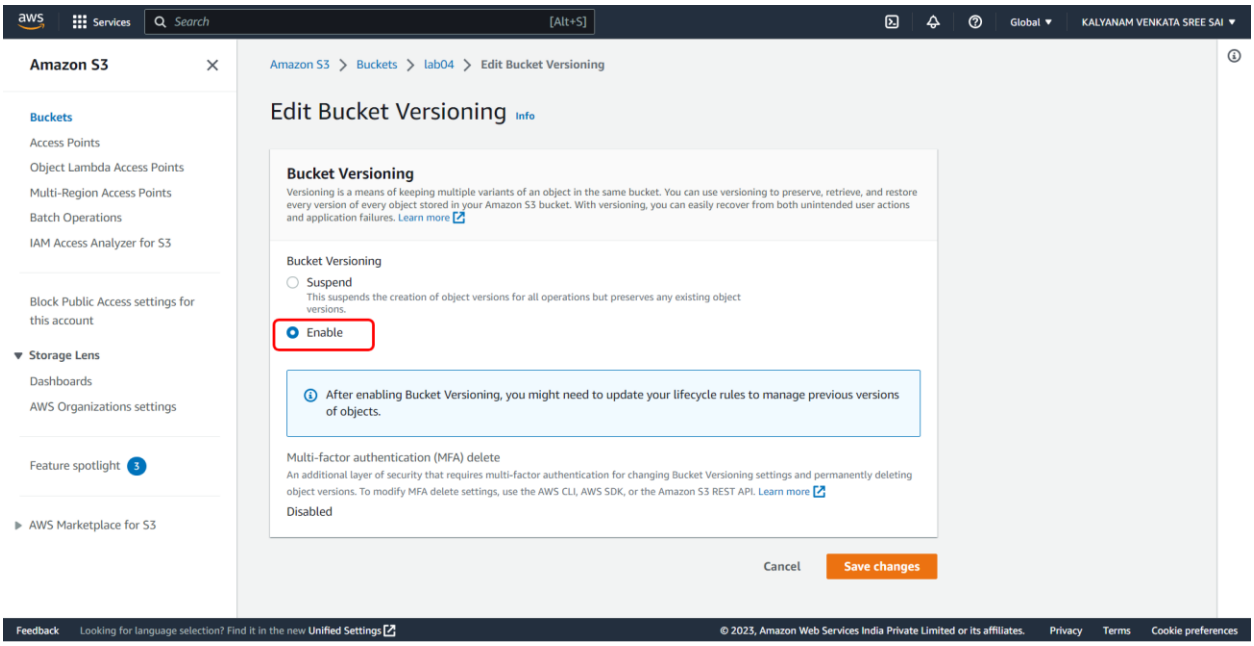
Step-3: Go to the S3 bucket you want to enable S3 versioning for



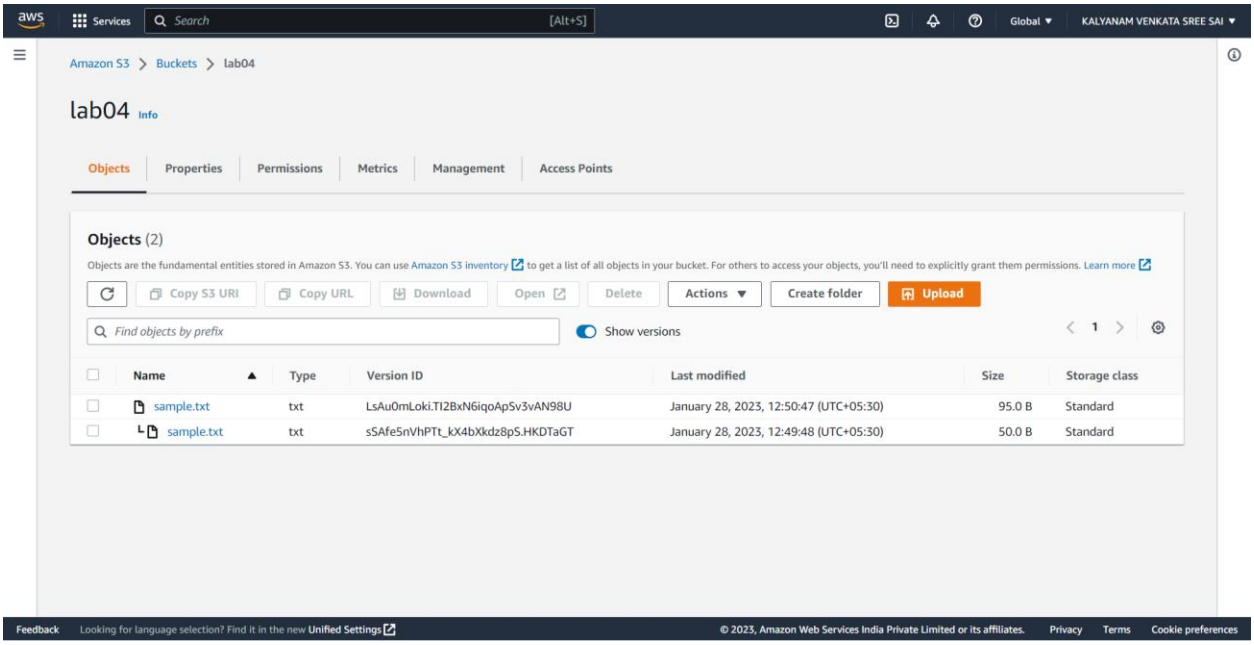
Step-4: From the page, go to the Properties tab Scroll down to the Bucket Versioning section and click on the Edit button to edit the versioning status of the S3 bucket. It will also show the current status of the S3 bucket versioning feature



Step-5: When you click on the Edit button, it will ask to enable the bucket versioning. Select the Enable option and click on the Save changes button to enable the bucket versioning.



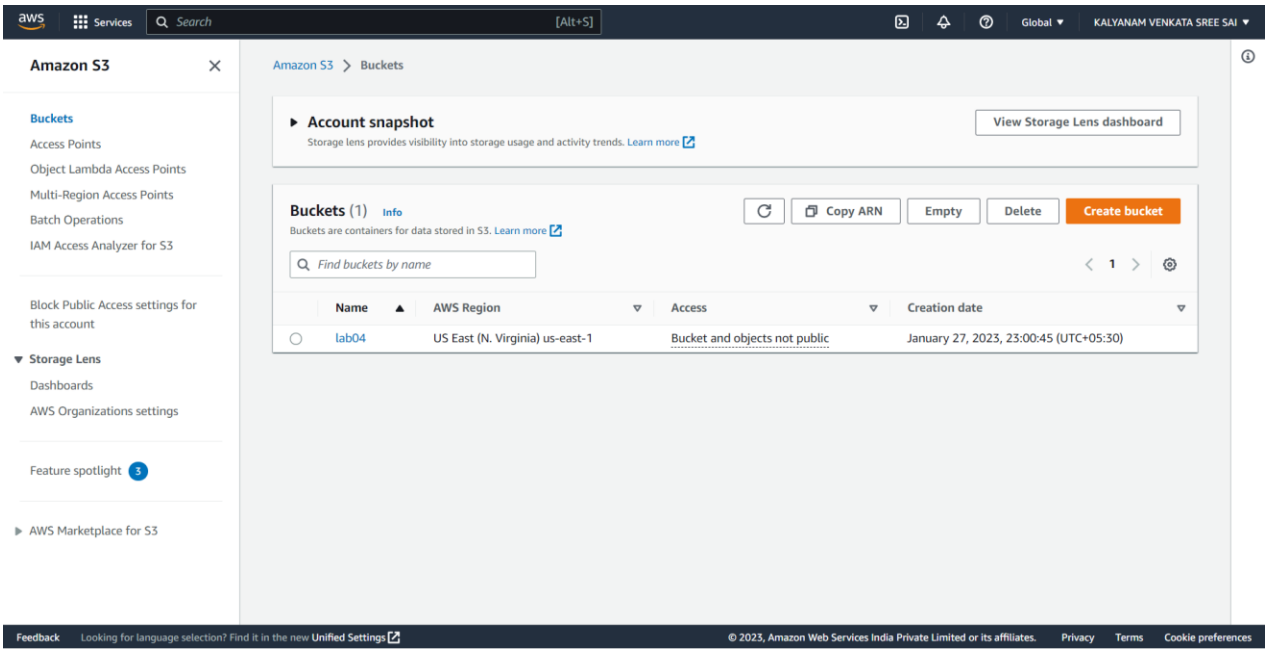
Step-6: Enabling S3 bucket versioning will display a toggle button in the S3 console that, when enabled, shows the version ID of all objects, including those uploaded before versioning was enabled, which will have a null version ID.



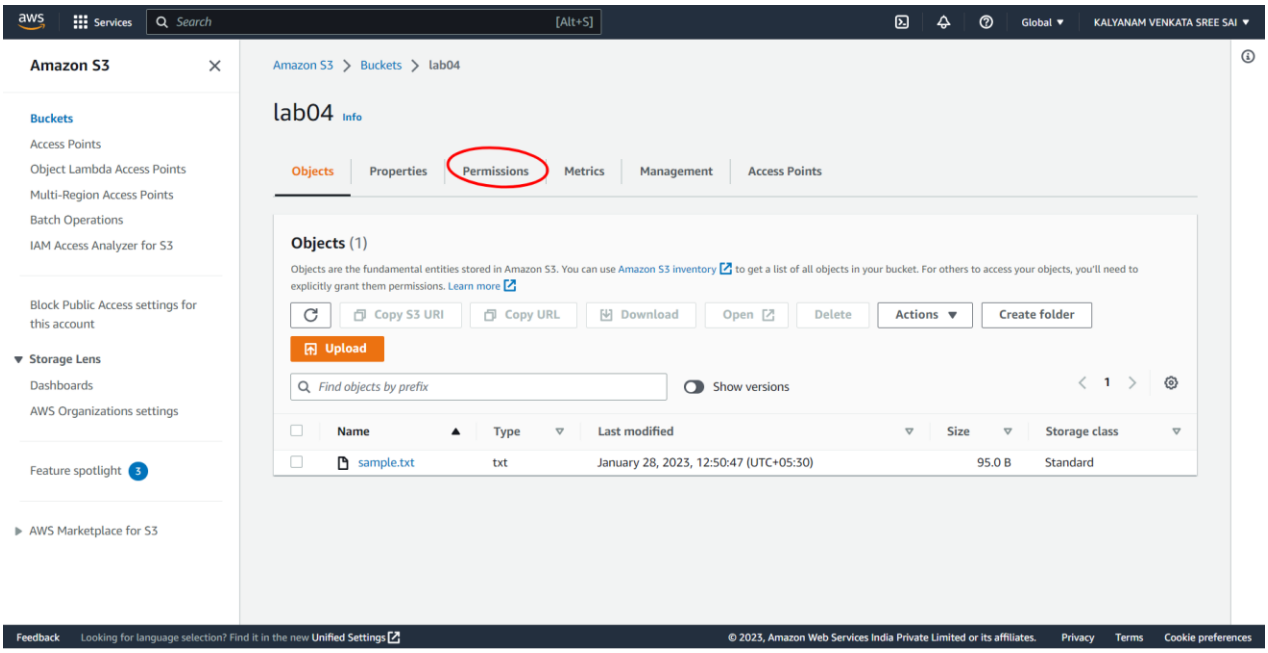
Part-3

Static website hosting.

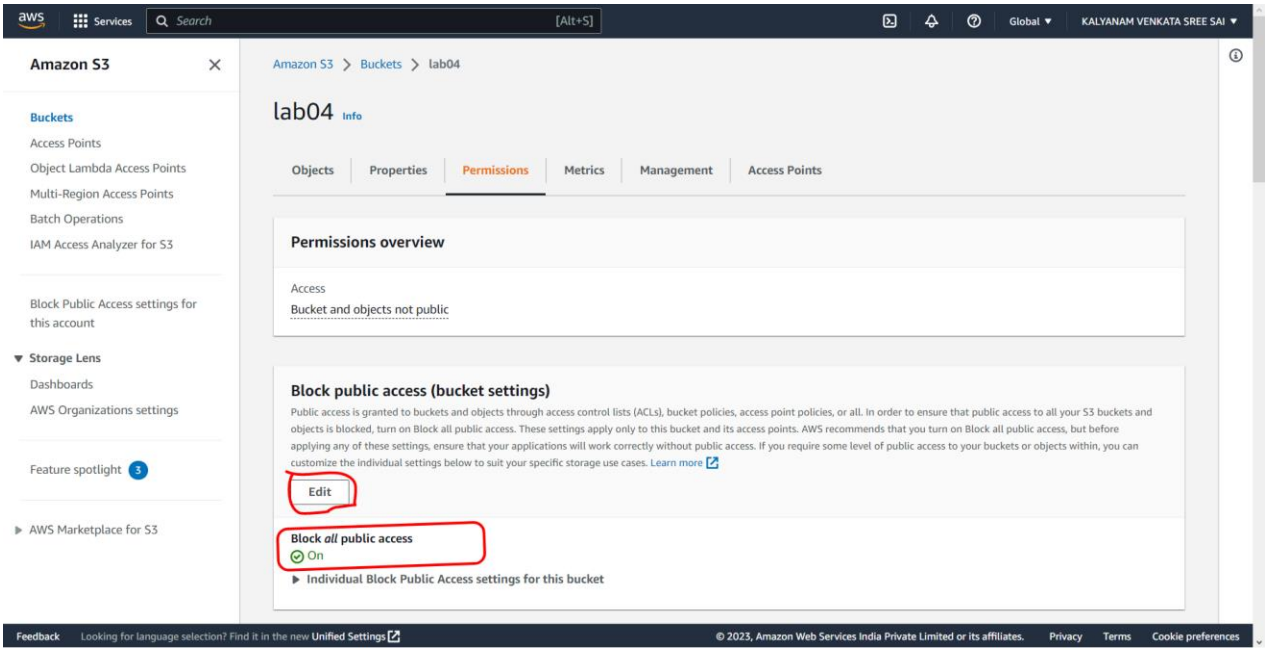
Step-1: Go the S3 Bucket



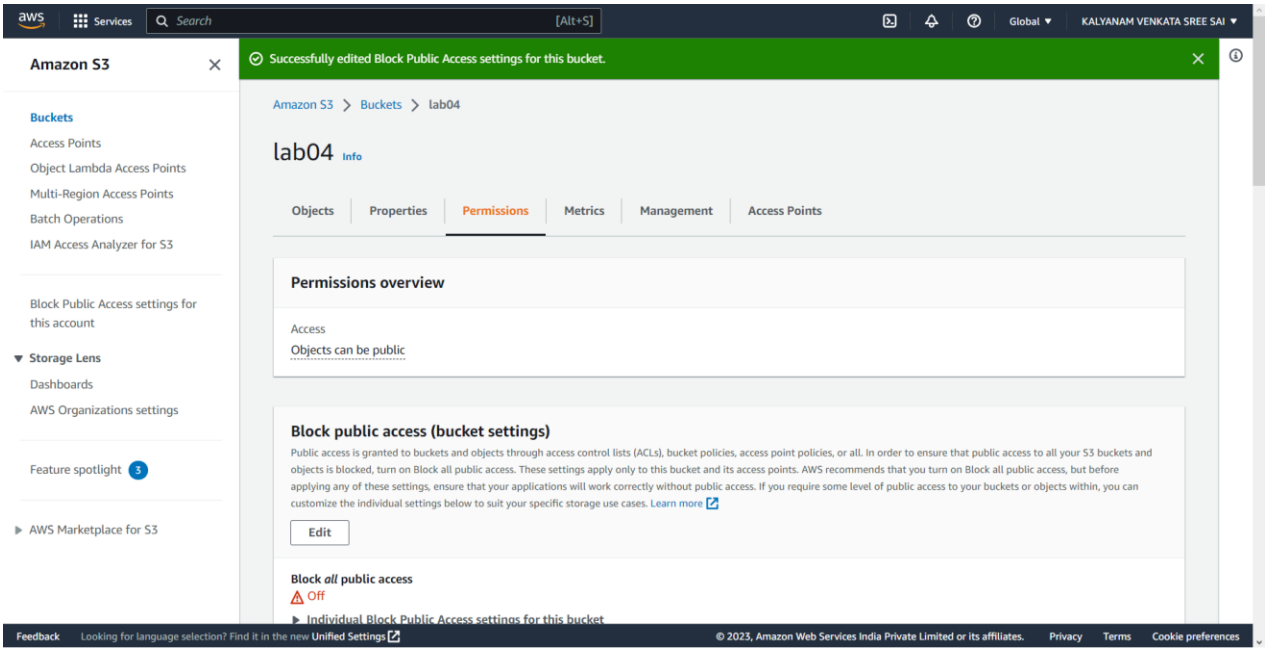
Step-2: Go the bucket and then click on the “Permission tab.”



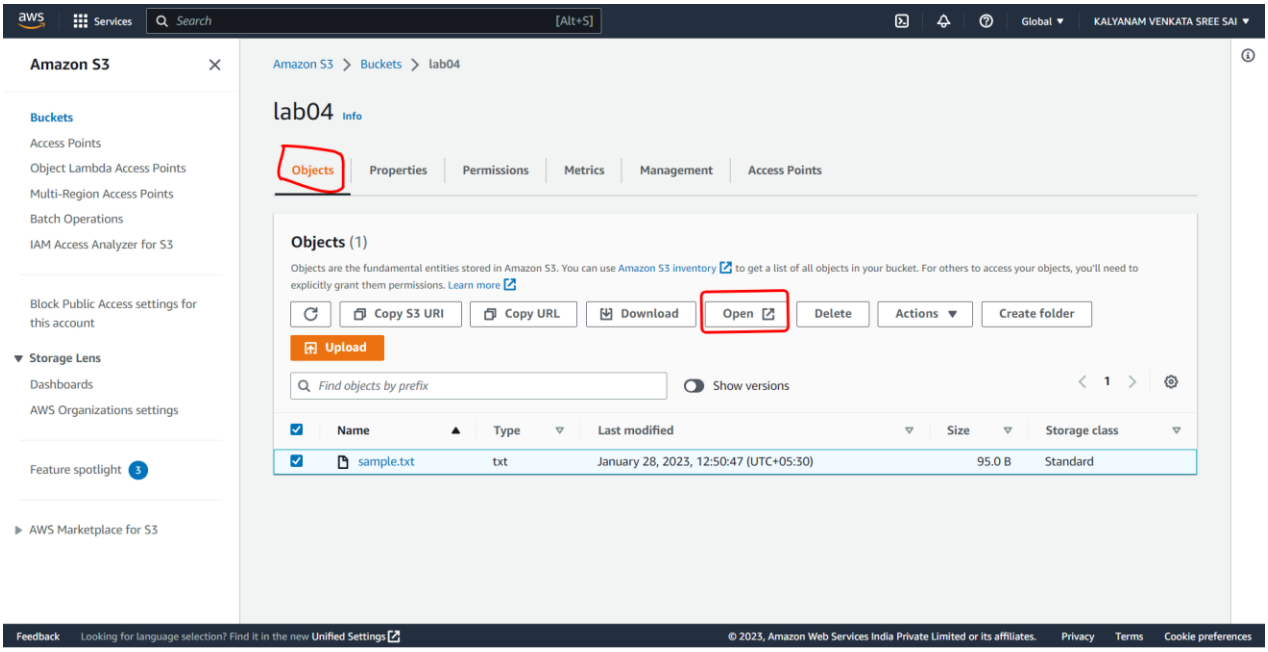
Step-3:click on edit button.



Step-4: Disable block all public access.



Step-5:Go back to the objects and select the file then click on the open button.



Step-6:Finally we have Completed the task “Static website hosting”.