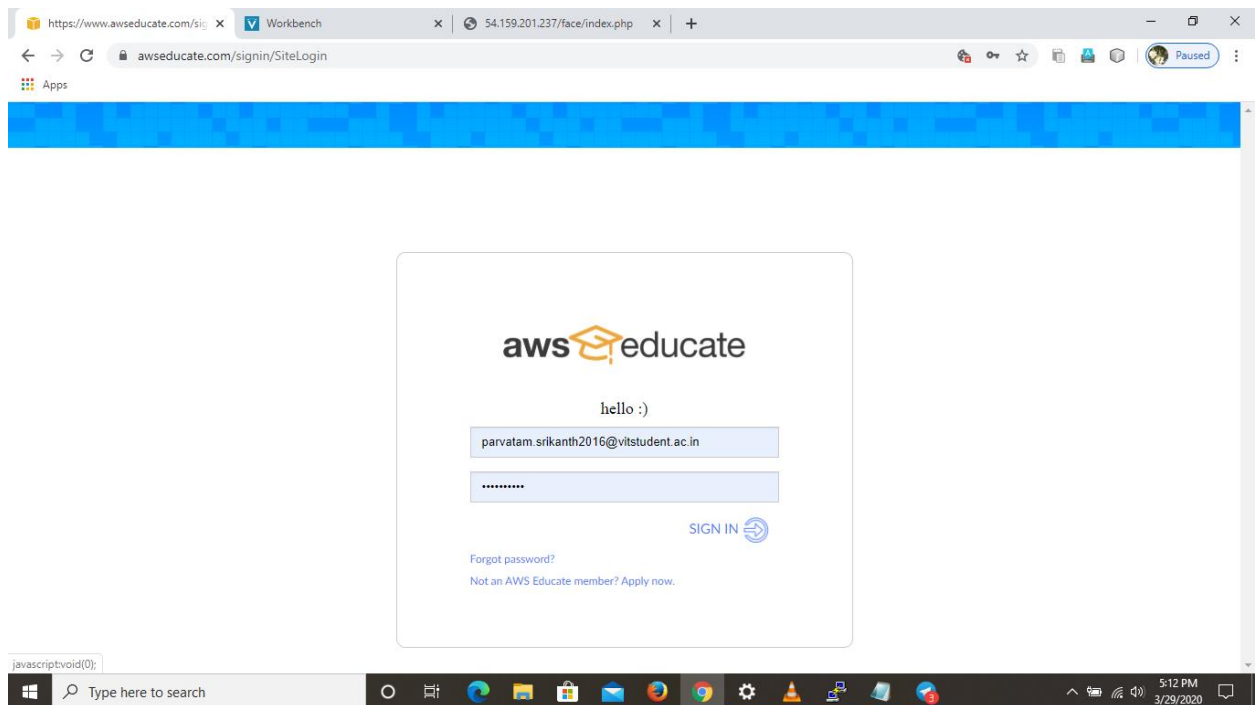**ETHNUS CODEMITHRA**

AWS PROJECT ON FACE DETECTION

DIVYA. A

VIT, Vellore

I've used my aws educate account last year for my cloud computing project. So, I'm using a friend's account for this project.

Dashboards

1. AWS Login screen with username

2. EC2 Dashboard

3. S3 Dashboard

4. Rekognition Dashboard
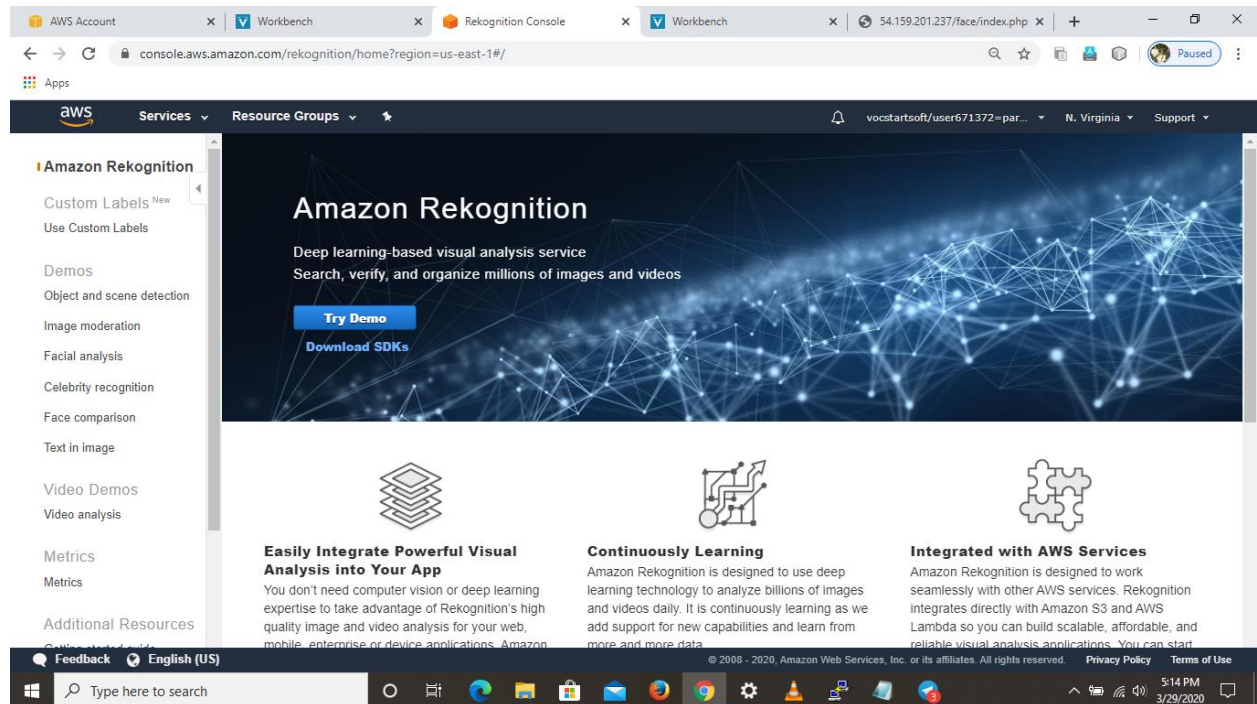
EC2

1. Choosing an AMI

2. Choosing an Instance Type

3. Adding Storage

Step 4: Add Storage
Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. Learn more about storage options in Amazon EC2.

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encryption ⓘ
Root	/dev/xvda	snap-0e27a39c6e2f9f079	8	General Purpose SSD (gp2) ▼	100 / 3000	N/A	☑	Not Encrypted ▼

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.

Cancel   Previous   Review and Launch   Next: Add Tags

4. Configuring Security Group

Step 6: Configure Security Group
A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. Learn more about Amazon EC2 security groups.

Assign a security group: ● Create a new security group
○ Select an existing security group

Security group name: launch-wizard-2
Description: launch-wizard-2 created 2020-03-29T17:15:55.901+05:30

Type ⓘ	Protocol ⓘ	Port Range ⓘ	Source ⓘ	Description ⓘ
SSH ▼	TCP	22	Custom ▼ 0.0.0.0/0	e.g. SSH for Admin Desktop ⊗

Add Rule

⚠ Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
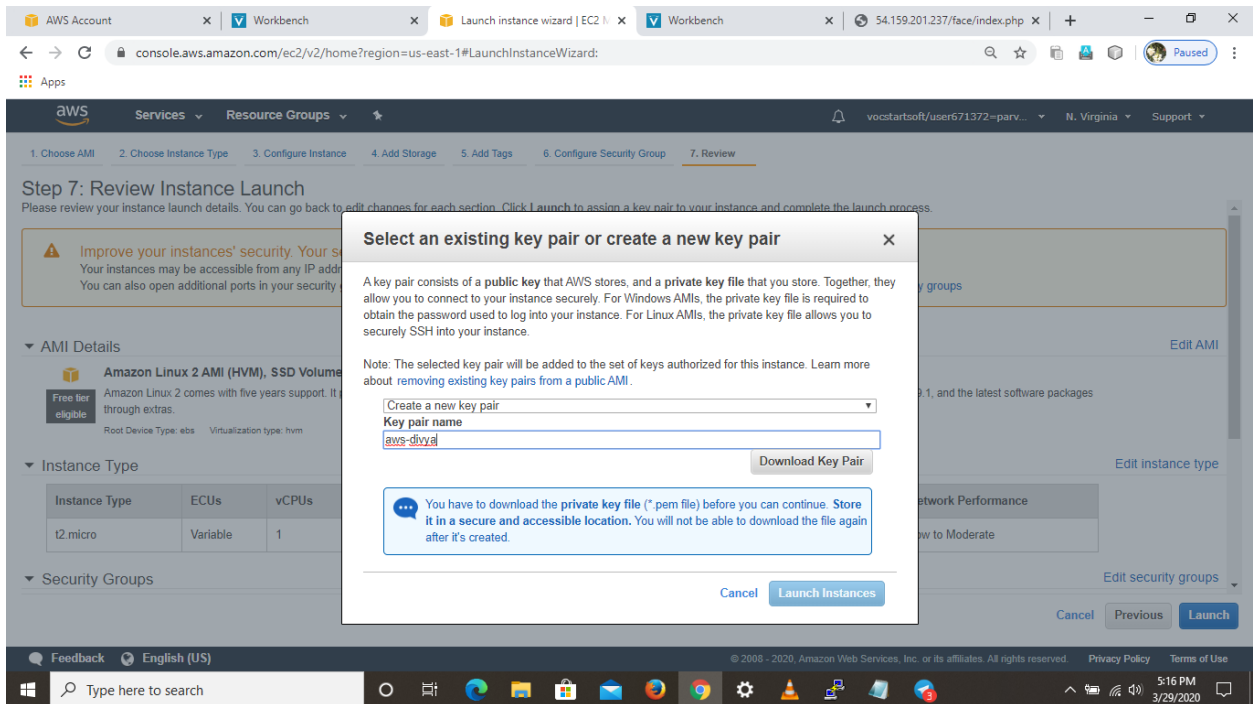
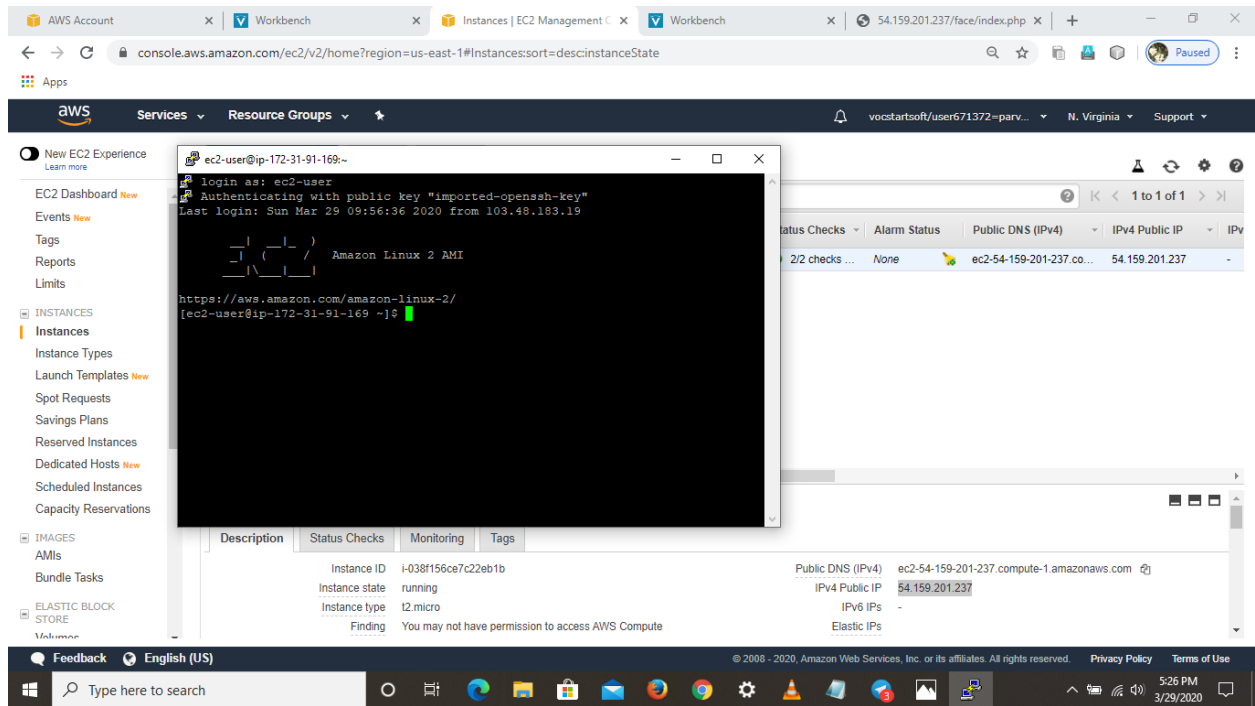Cancel   Previous   Review and Launch

5. Key Pair Download

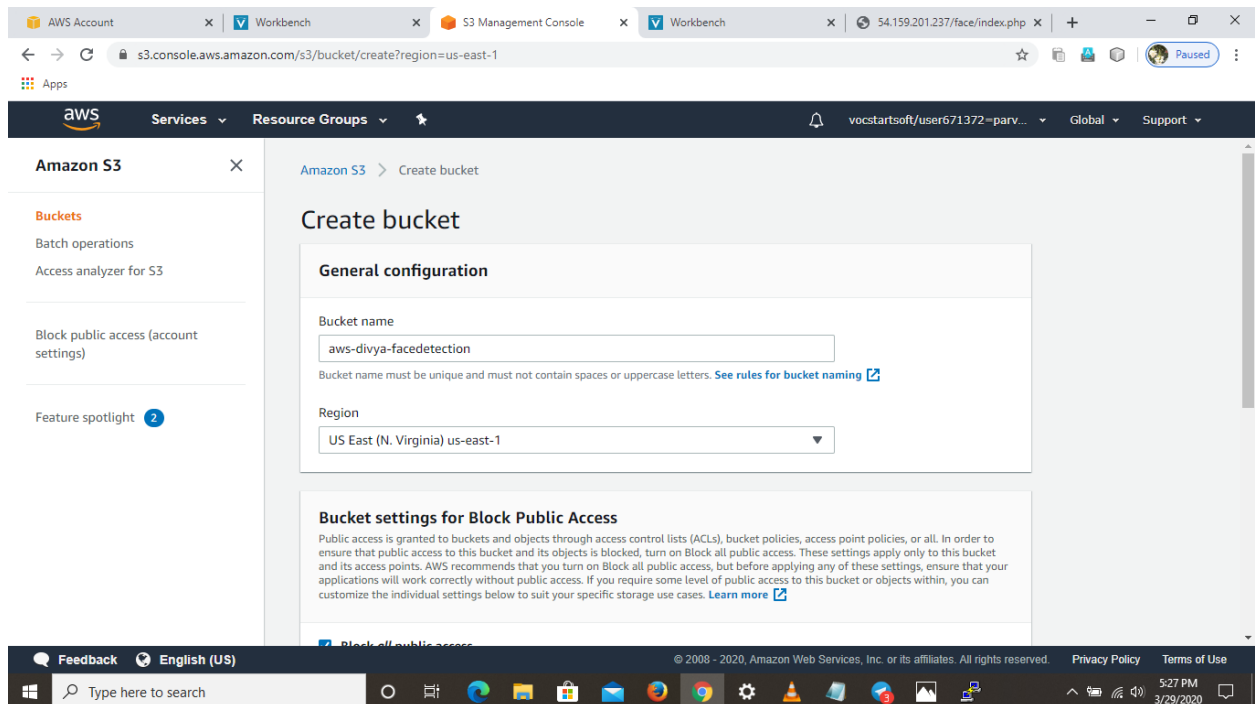## 6. PuTTYgen conversion from pem to ppk
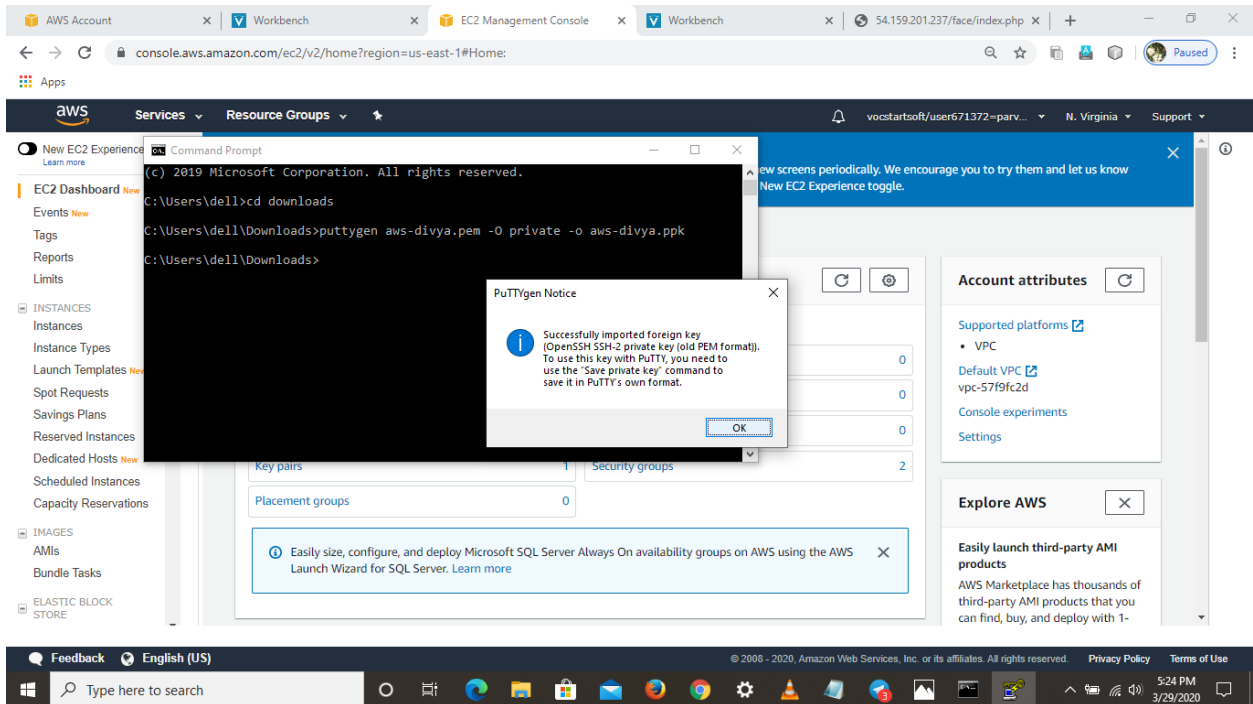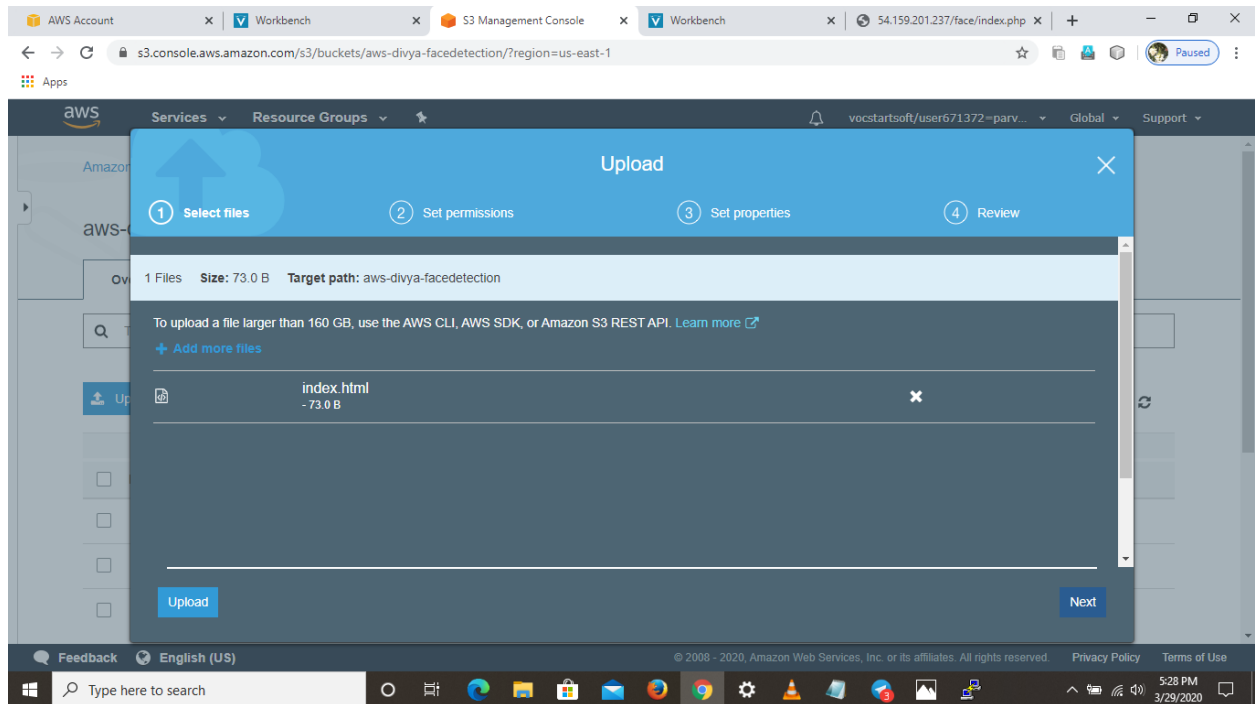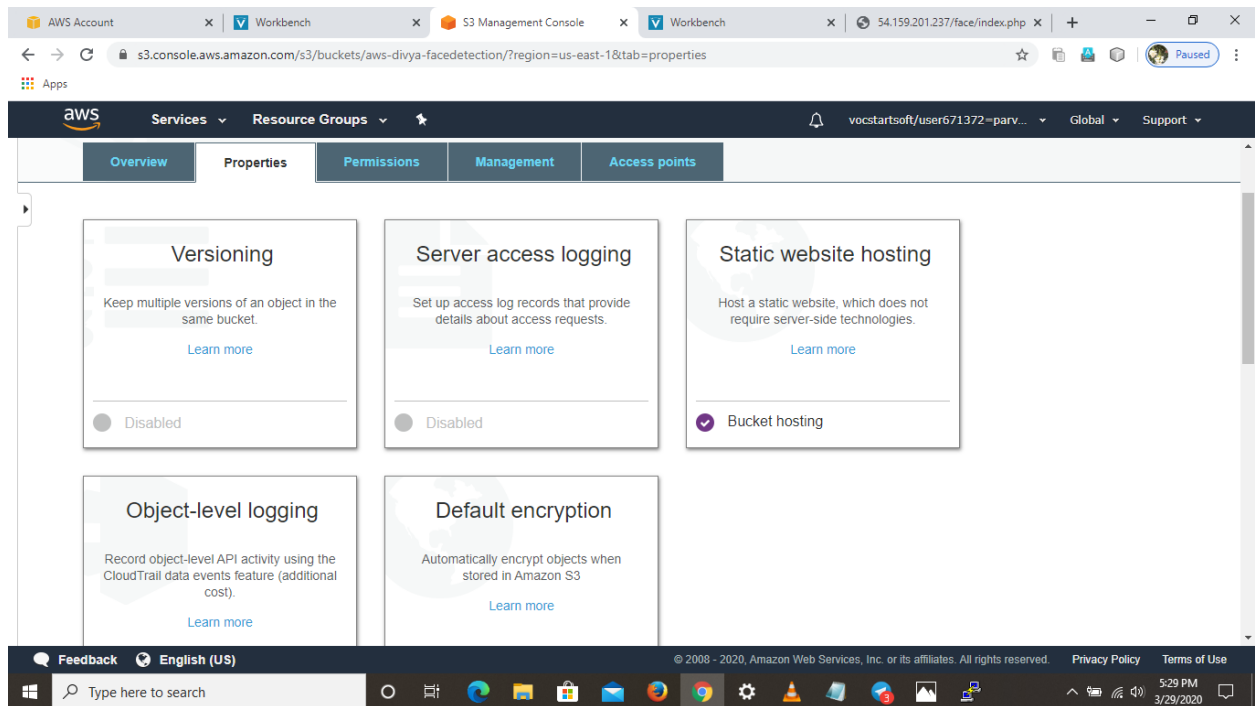
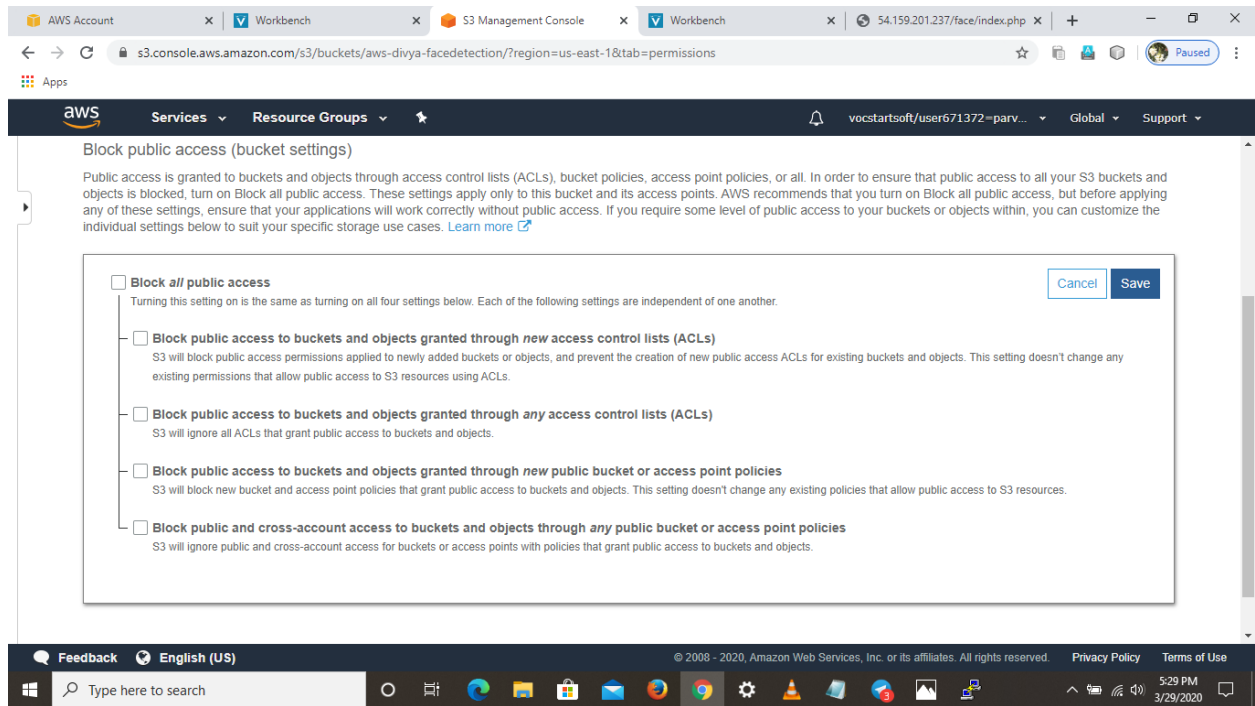7. Logged in EC2 black screen

S3

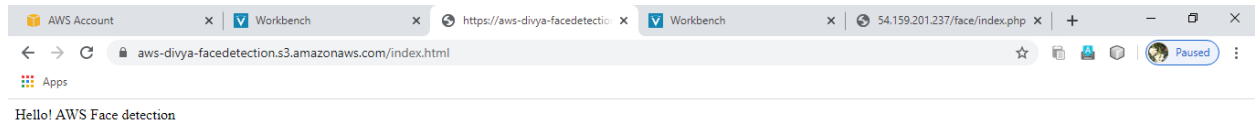1. Creating a bucket

2. Uploading an Object

3. Enabling Static Website

4. Making the Object Public

5. Checking the S3 link on the browser

Rekognition

1. Face Detect

2. Face Compare

3. Celebrity Recognition

4. Text in Image

EC2 & S3

1. Installing aws-sdk

2. Installing php

3. index.php file code

4. Upload success screenshot
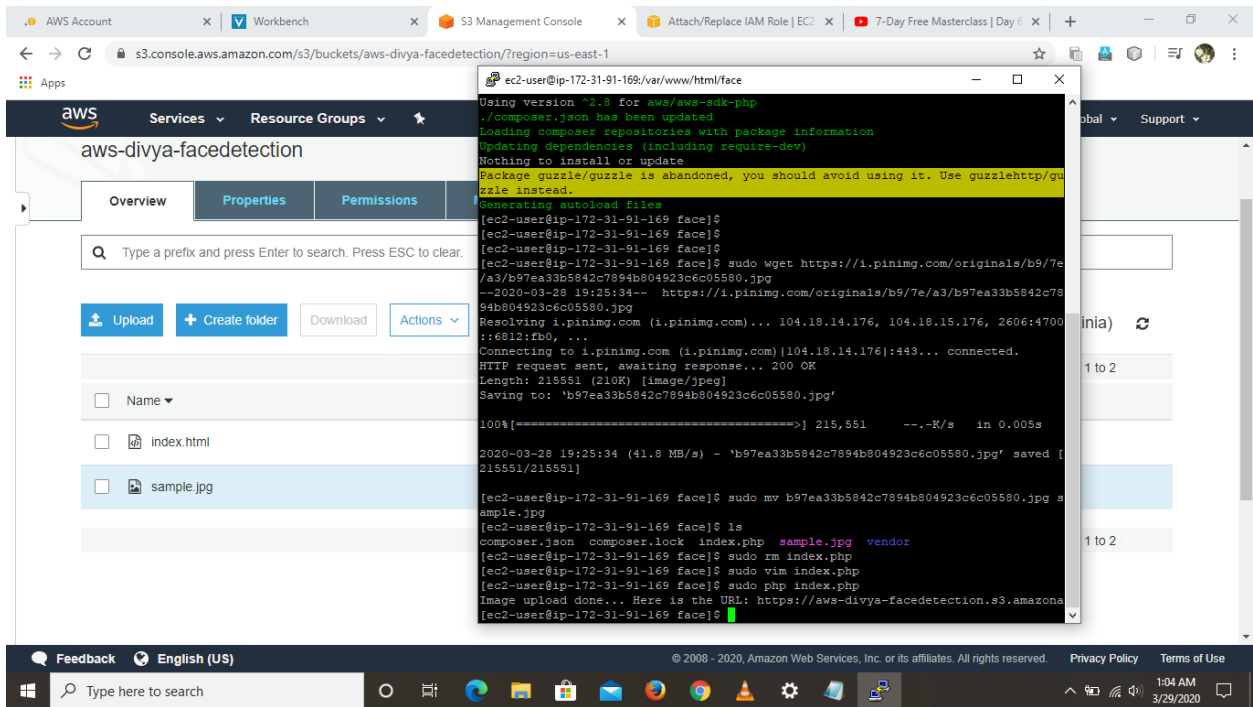
EC2 & Rekognition

1. Face Detect success screenshot