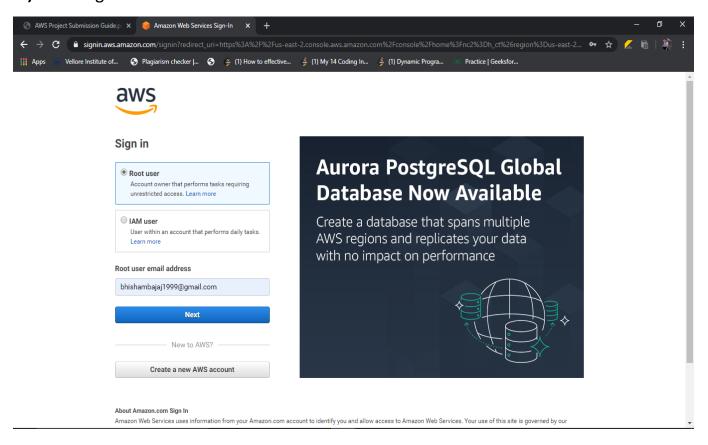
Masterclass on AWS Cloud-Building a Face Detection App

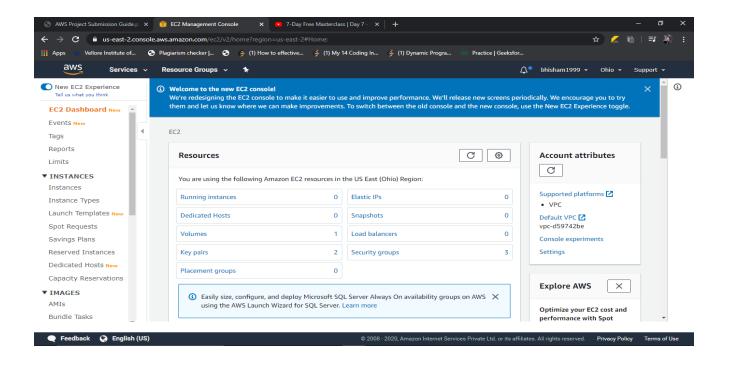
Proof of Working (Screenshots):

Screenshots needed for Dashboards:

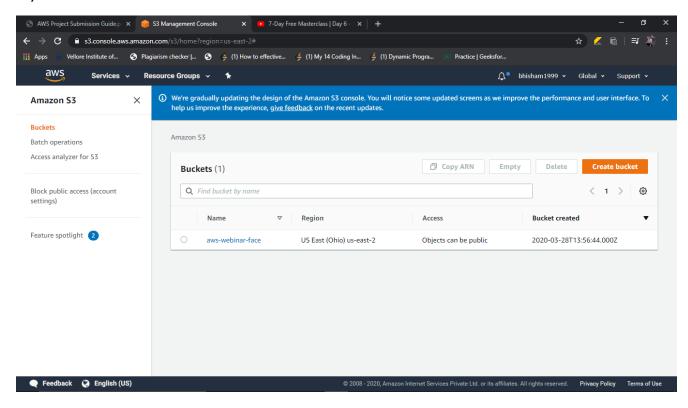
1.) AWS Login screen with username



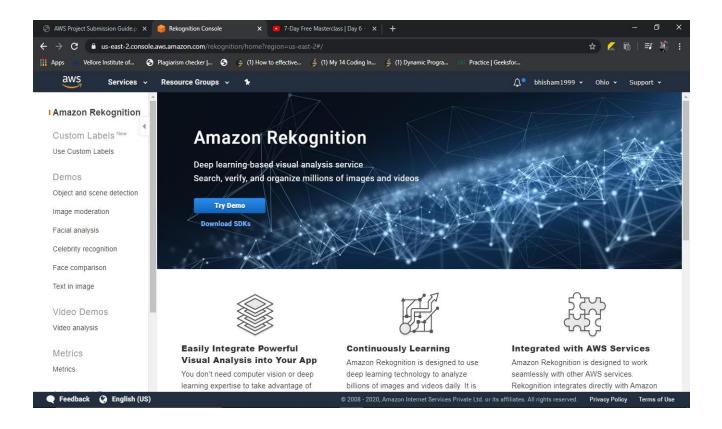
2.) EC2 Dashboard



3.) S3 dashboard

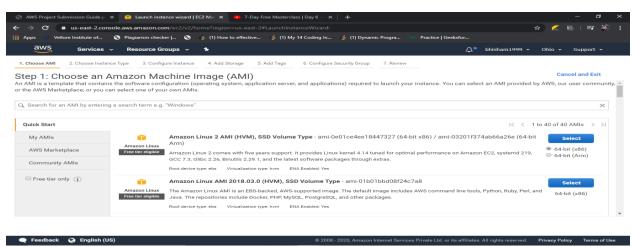


4.) Recognition Dashboard

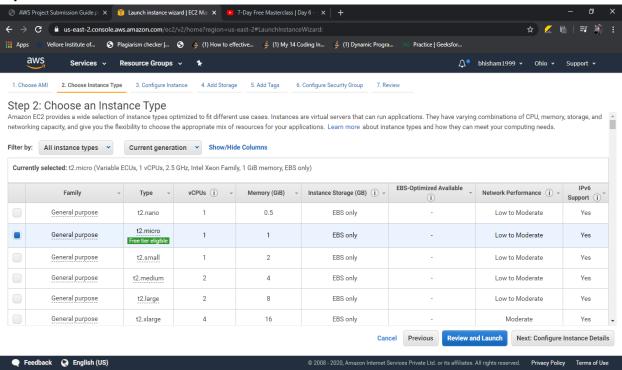


Screenshots needed for EC2:

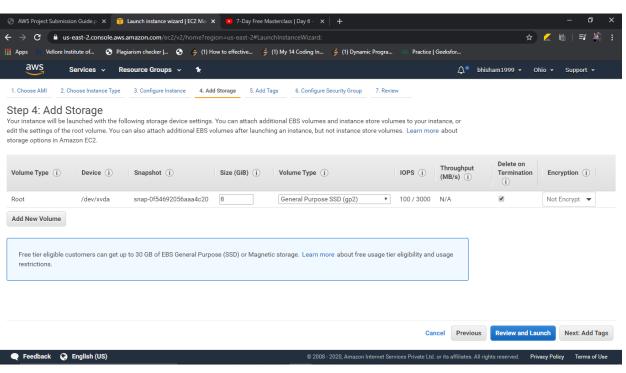
5: Choosing an AMI



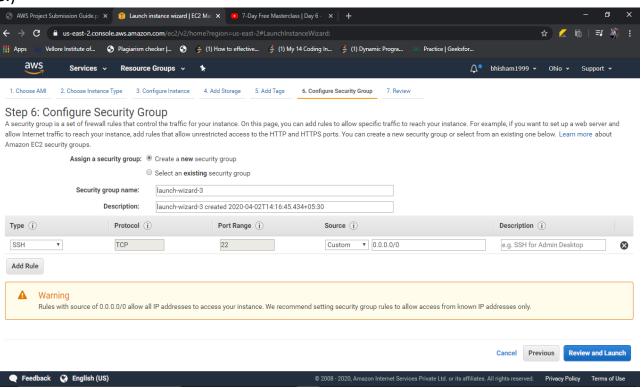
6.)



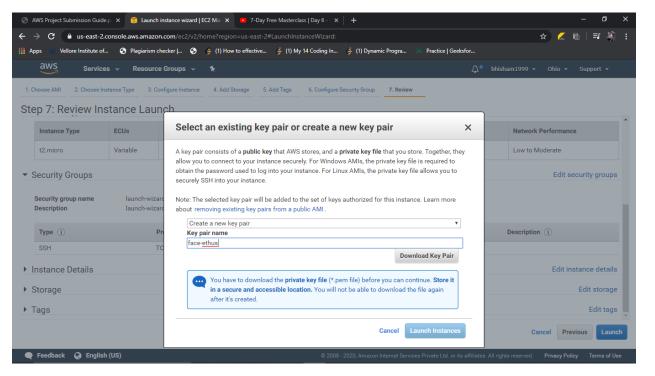
7.)



8.)

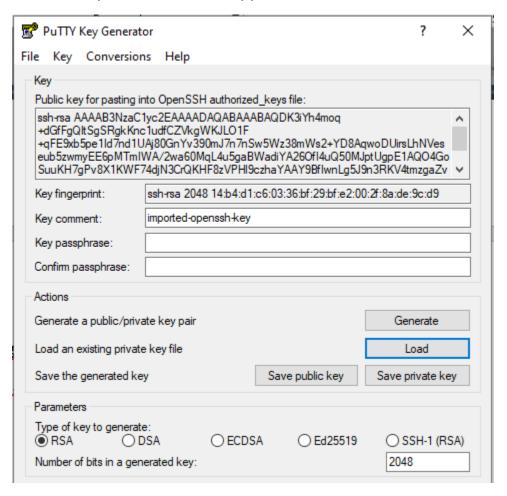


9.) face-ethus key pair



10.) puttygen conversion

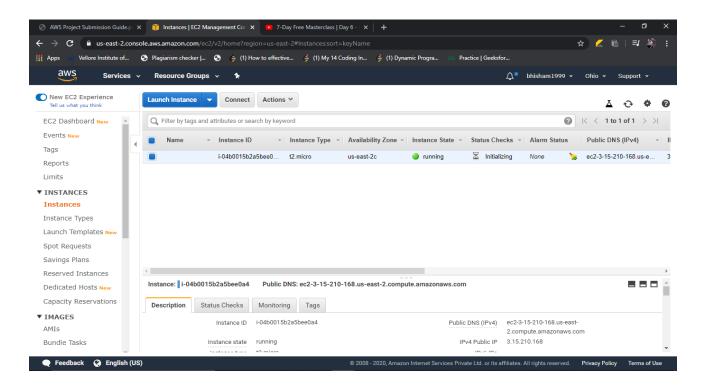
face-ethus.pem to face-ethus.ppk



Key-loaded now save it as private key face-ethus

11.) Logged in Screen:

My Instance:

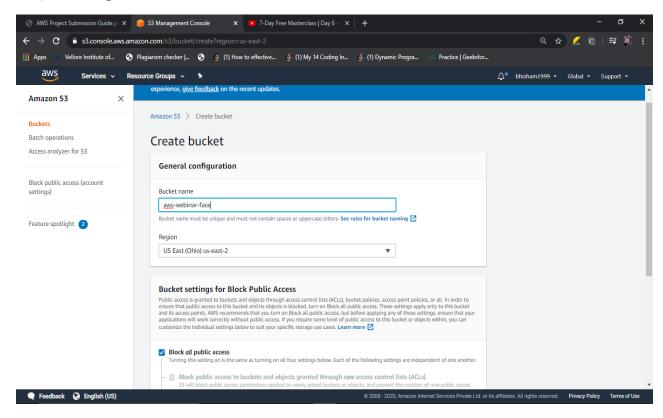


Now Copying the ip address in host in putty and passing ppk key pair in Auth under SSH.

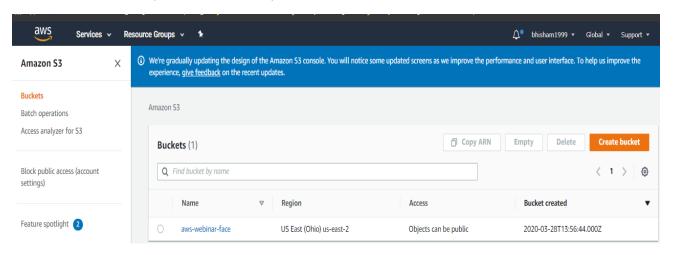
```
| Color | Colo
```

Screenshots needed for S3:

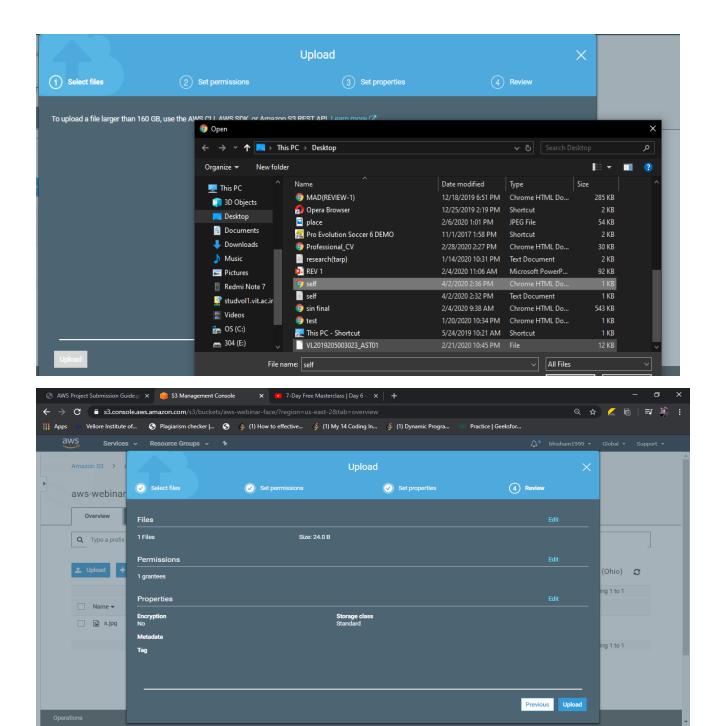
12.) Creating a bucket



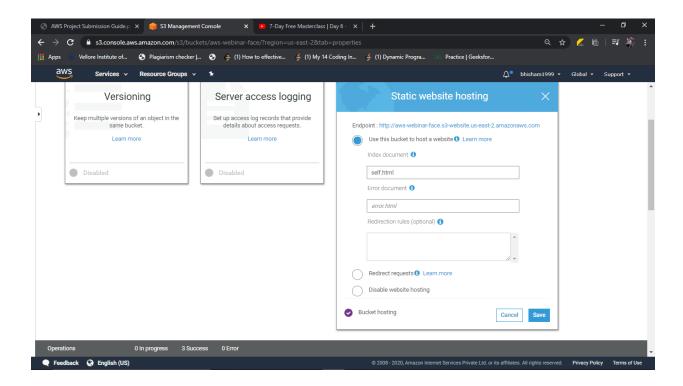
aws-webinar-face (bucket created)



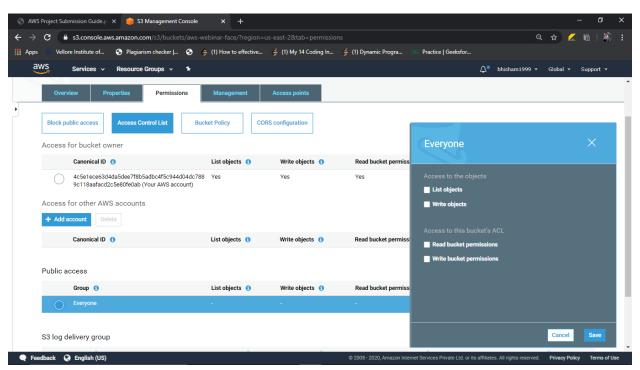
13.) Uploading a File

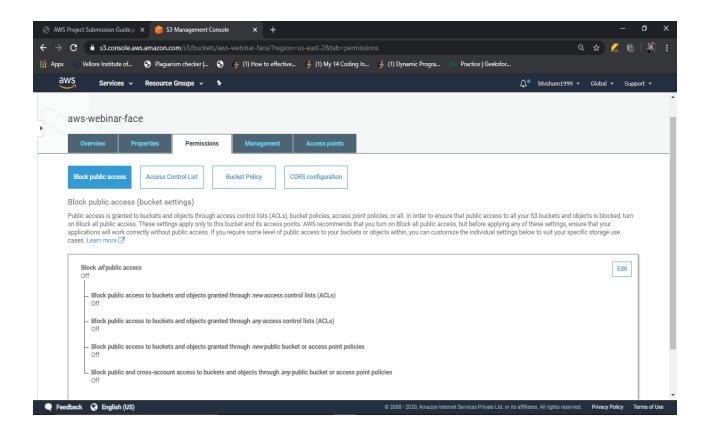


14.) Static website hosting

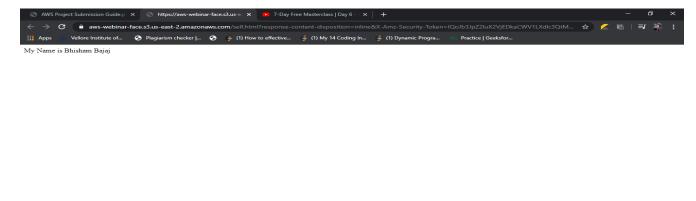


15.) Public access



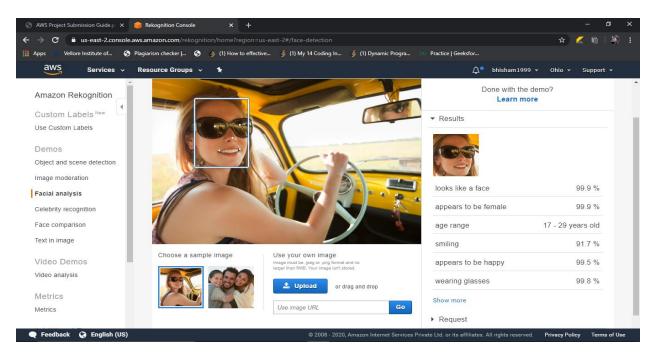


16.) Checking the link on Browser (My static website)

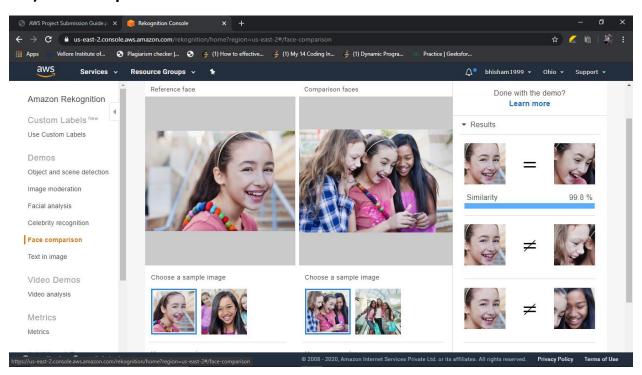


Screenshots needed for Rekognition:

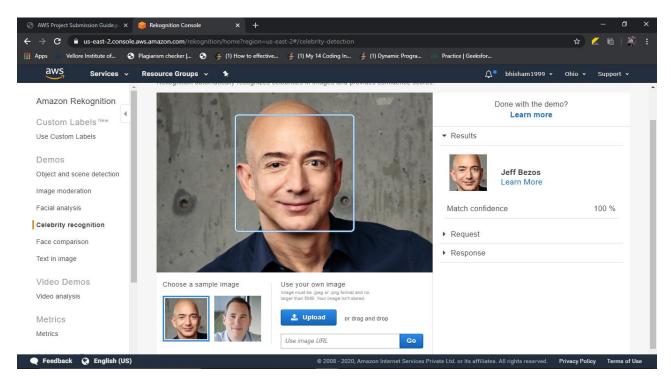
17.) Face Detection



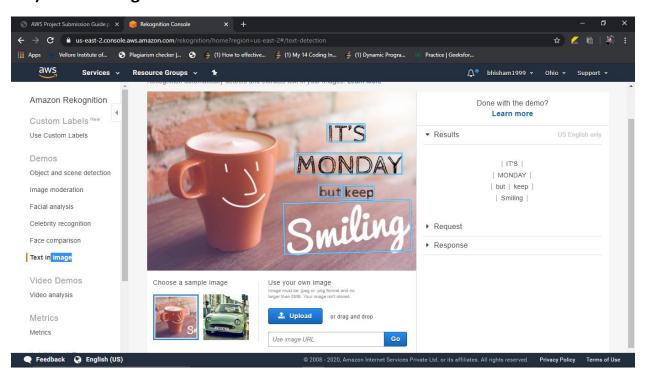
18.) Face comparison



19.) Celebrity Recognition



20.) Text in Image:



Screenshots needed for EC2 & S3:

21.) Installing aws-sdk:

```
ec2-user@ip-172-31-46-138:~
                                                                                                                                                                                                                                                                                                      П
  a 1091n as. e22-use1
Authenticating with public key "imported-openssh-key"
ast login: Thu Apr 2 08:56:34 2020 from 157.39.218.70
                  __|_ )
( / Amazon Linux 2 AMI
  ttps://aws.amazon.com/amazon-linux-2/
  ec2-user@ip-172-31-46-138 ~]$ sudo php -d memory_limit=-1 ~/composer.phar requi
 re aws/aws-sdk-php
Jsing version ^3.134 for aws/aws-sdk-php
      imposer.json has been created
ding composer repositories with package information
ating dependencies (including require-dev)
   cackage operations: 8 installs, 0 updates, 0 removals

- Installing symfony/polyfill-mbstring (v1.15.0): Loading from cache

- Installing mtdowling/jmespath.php (2.5.0): Loading from cache

- Installing guzzlehttp/promises (v1.3.1): Loading from cache

- Installing ralouphie/getallheaders (3.0.3): Loading from cache
 - Installing raioupnic/getailheaders (3.0.3): Loading from cache
- Installing psr/http-message (1.0.1): Loading from cache
- Installing guzzlehttp/psr7 (1.6.1): Loading from cache
- Installing guzzlehttp/guzzle (6.5.2): Loading from cache
- Installing aws/aws-sdk-pph (3.134.1): Downloading (100%)
puzzlehttp/psr7 suggests installing zendframework/zend-httphandlerrunner (Emit P
  R-7 responses)
 guzzlehttp/guzzle suggests installing psr/log (Required for using the Log middle
 puzzlehttp/guzzle suggests installing ext-intl (Required for Internationalized D
  ws/aws-sdk-php suggests installing doctrine/cache (To use the DoctrineCacheAdap
  ws/aws-sdk-php suggests installing aws/aws-php-sns-message-validator (To valida
  e incoming SNS notifications)
  ec2-user@ip-172-31-46-138 ~]$
```

22.) Installing Php

```
ec2-user@ip-172-31-46-138:~
[ec2-user@ip-172-31-46-138 ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
                                                                 | 2.4 kB
                                                                                00:00
Resolving Dependencies
--> Running transaction check
 ---> Package php.x86_64 0:7.2.28-1.amzn2 will be installed
 --> Finished Dependency Resolution
Dependencies Resolved
 Package
             Arch
                             Version
                                                        Repository
                                                                                     Size
Installing:
             x86 64
                             7.2.28-1.amzn2
                                                       amzn2extra-php7.2
                                                                                    2.9 M
 \alpha d\alpha
Transaction Summary
Install | Package
Total download size: 2.9 M
Installed size: 9.1 M
Is this ok [y/d/N]: y
```

23.) Code File:

```
## Action of the Company of the Comp
```

24.) Image upload Done..

ec2-user@ip-172-31-46-138:/var/www/html/face

```
[ec2-user@ip-172-31-46-138 ~]$ cd /var/www/html
[ec2-user@ip-172-31-46-138 html]$ cd face
[ec2-user@ip-172-31-46-138 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-46-138 face]$ ls
composer.json composer.lock index.php s.jpg vendor
[ec2-user@ip-172-31-46-138 face]$ sudo php index.php
Image upload done... Here is the URL: https://aws-webinar-face.s3.us-east-2.amaz
[ec2-user@ip-172-31-46-138 face]$ face]$
```

25.) EC2-Recognition (facial detection)

```
[ec2-user@ip-172-31-46-138 face]$ sudo php index.php
Image upload done... Here is the URL: https://aws-webinar-face.s3.us-east-2.amazonaws.com/s.jpg[otally there are 9 faces[ec2-user@ip-172-31-46-138 face]$
```