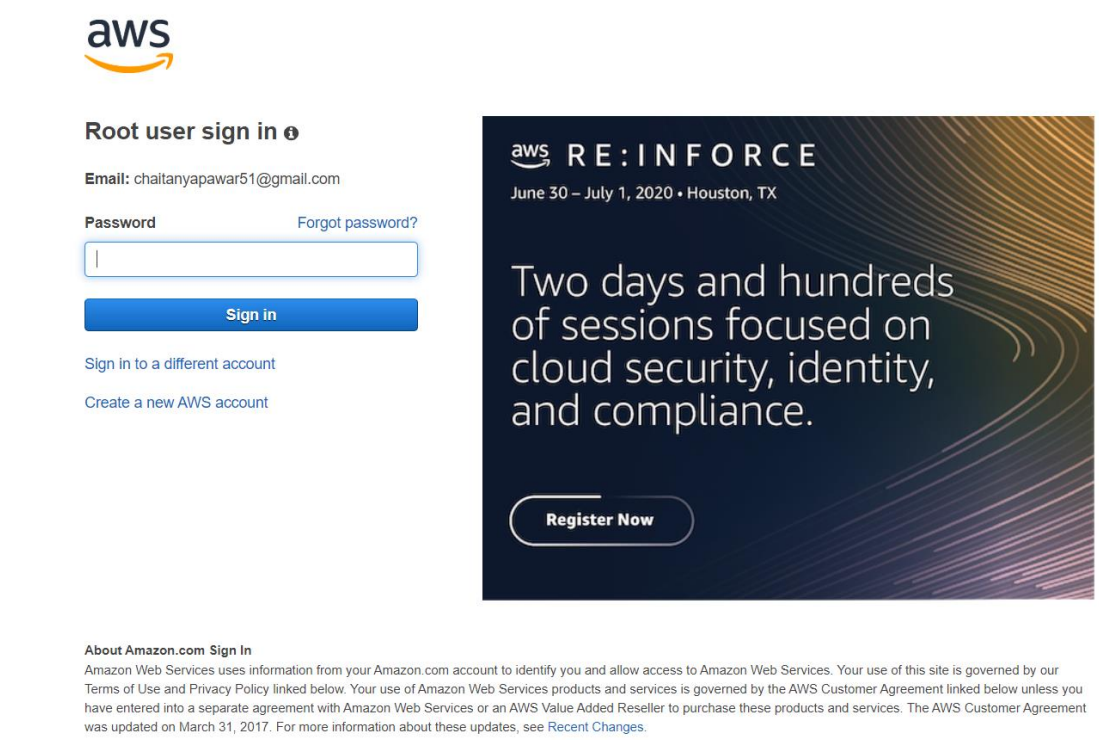
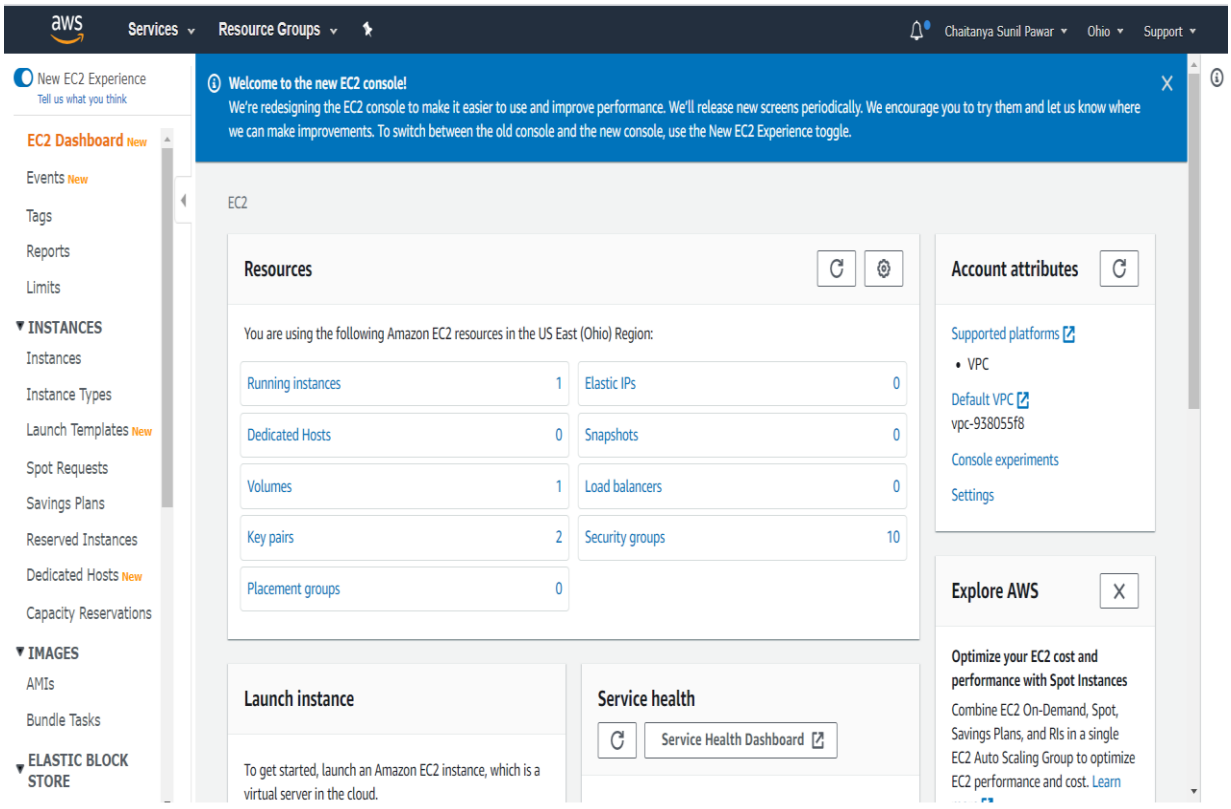
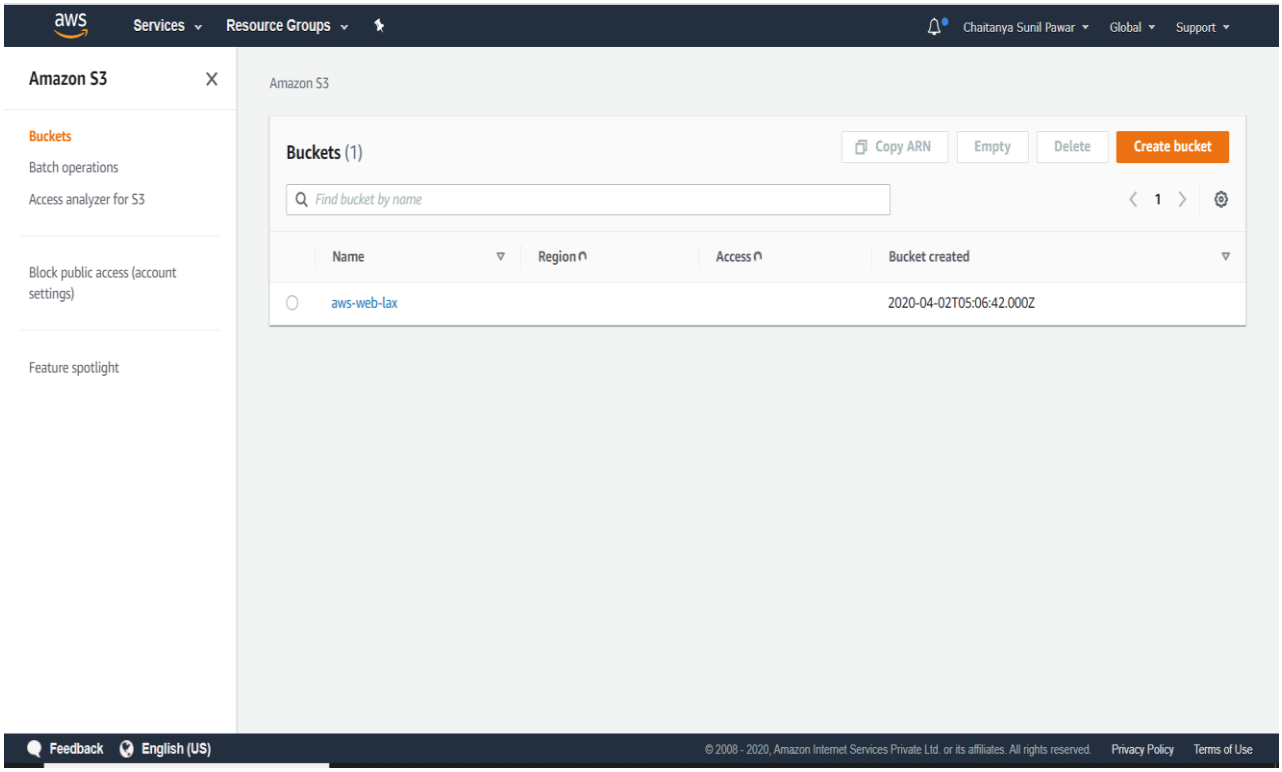
Dashboards



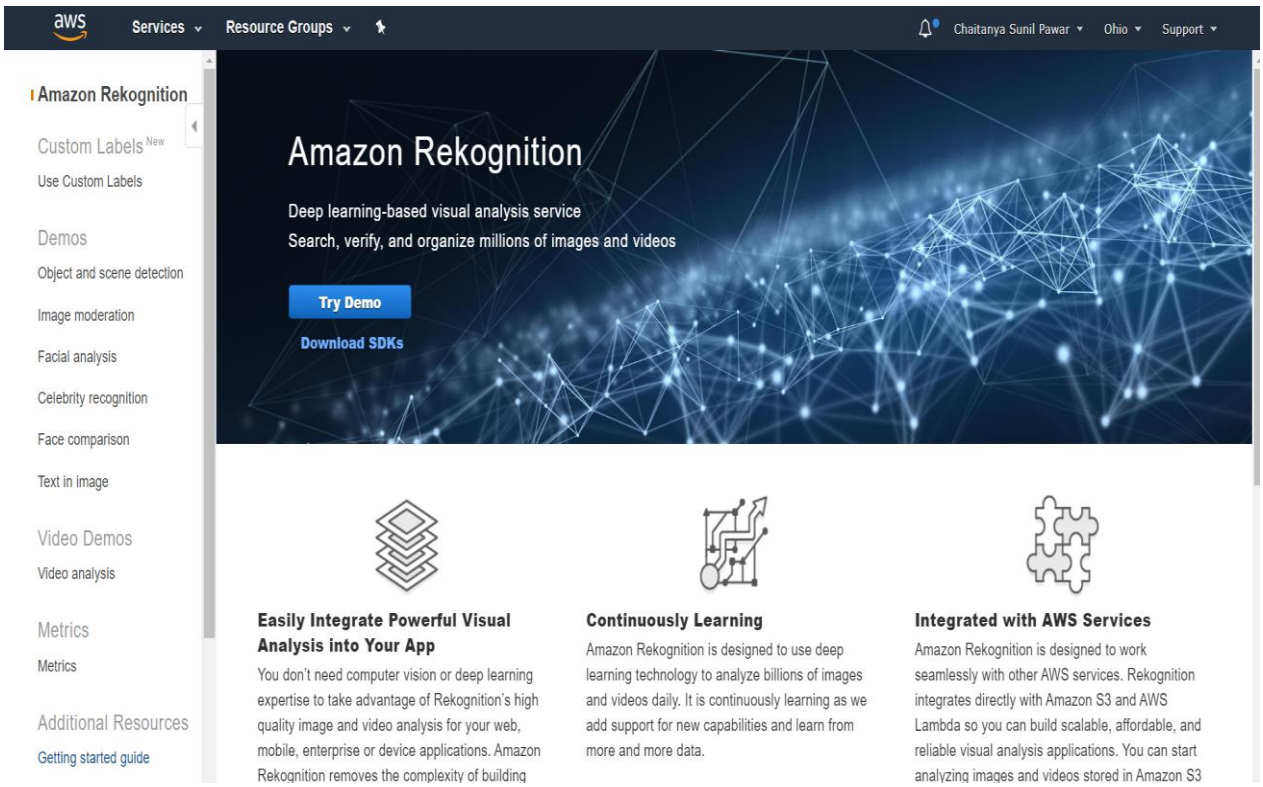
1.AWS login Screen with username



2.EC2 dashboard

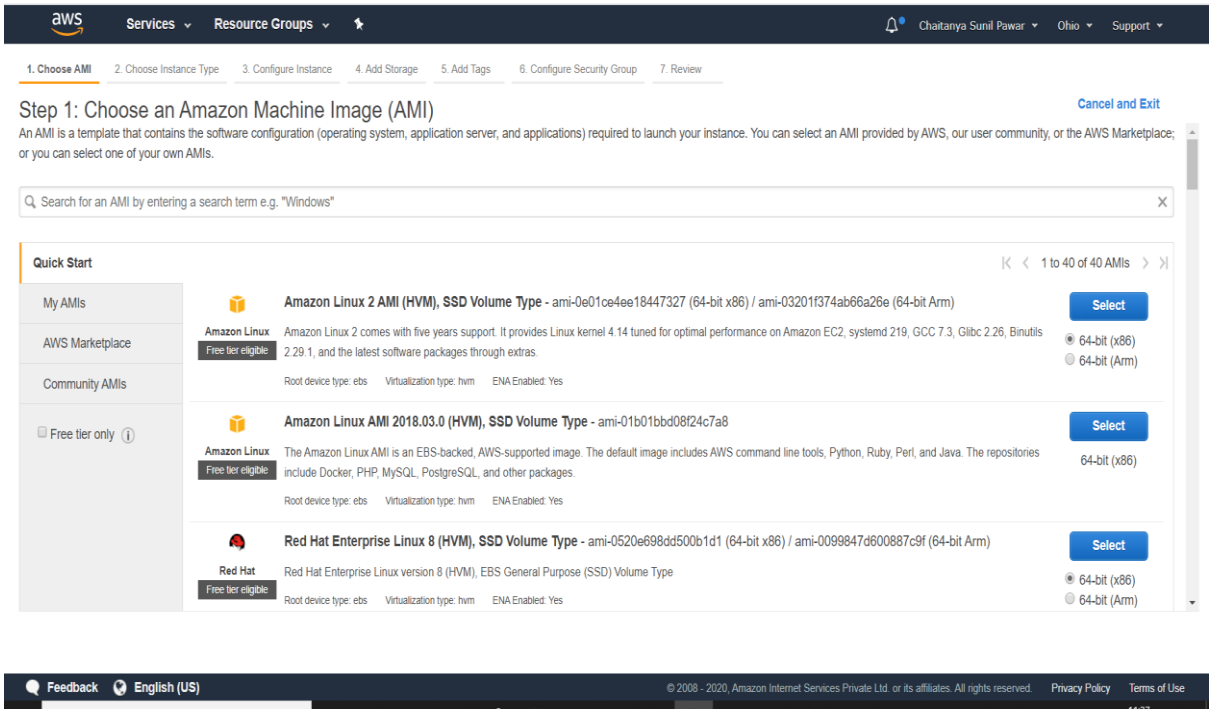


3.S3 dashboard

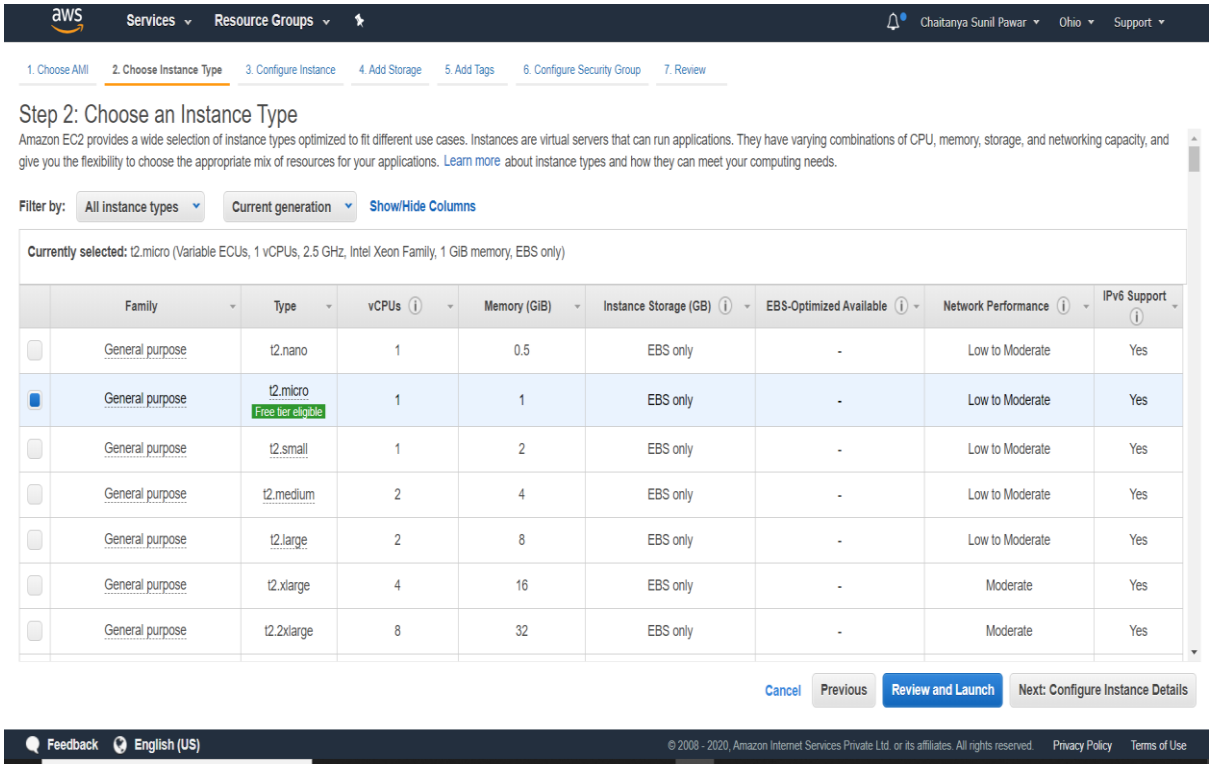


4.Rekognition dashboard

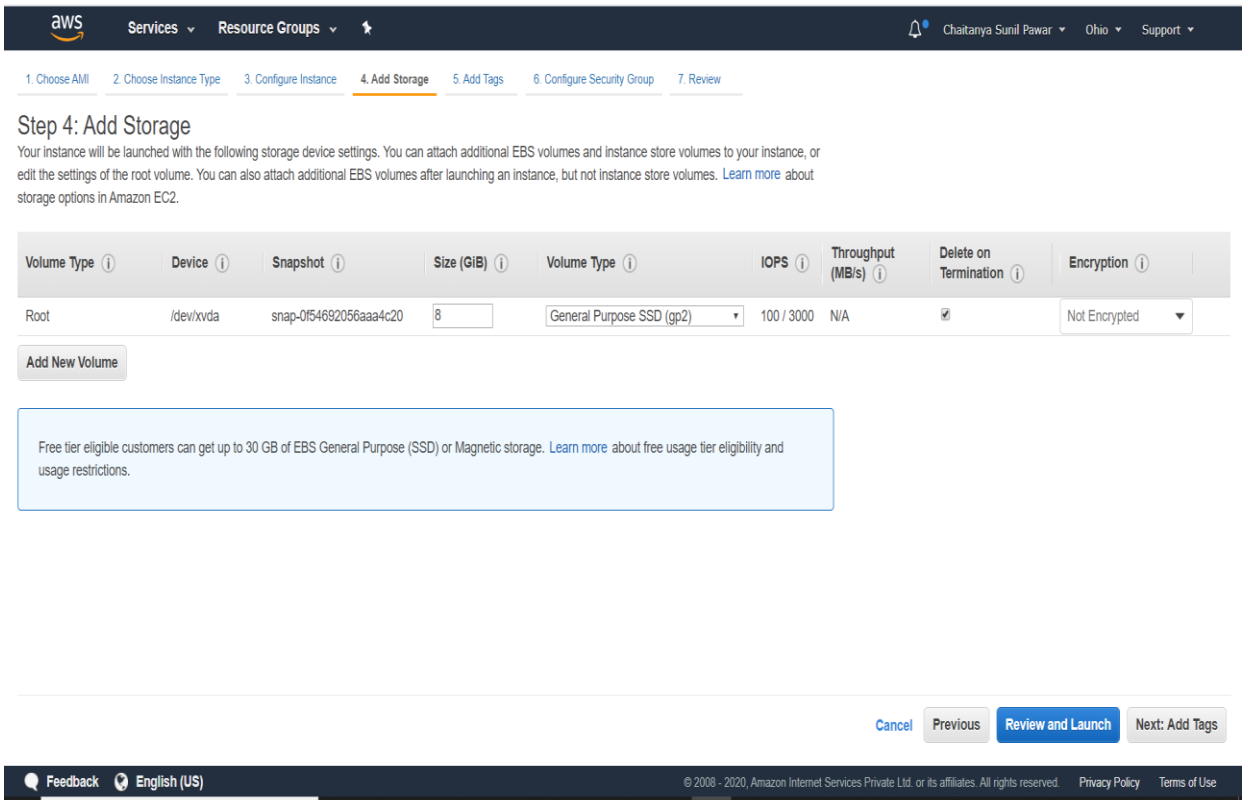
EC2



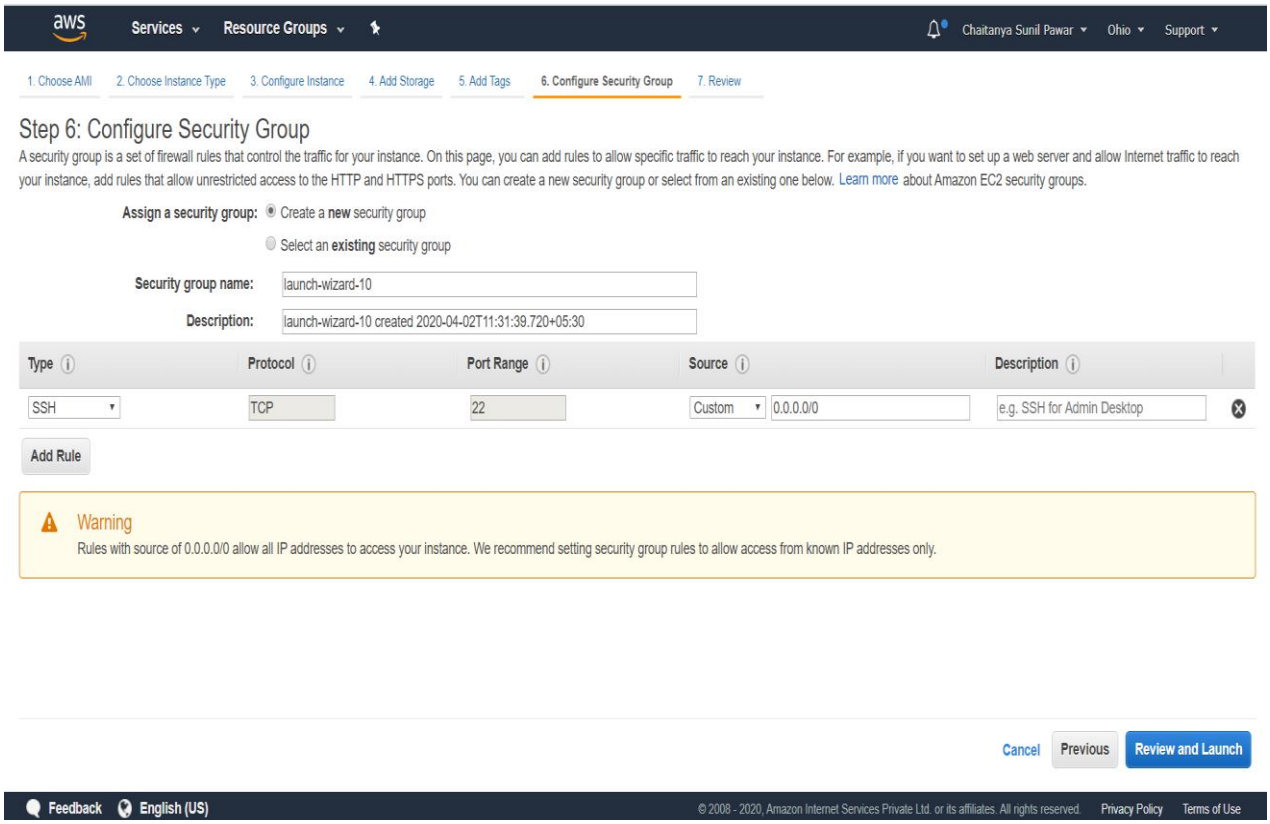
1.Choosing an AMI



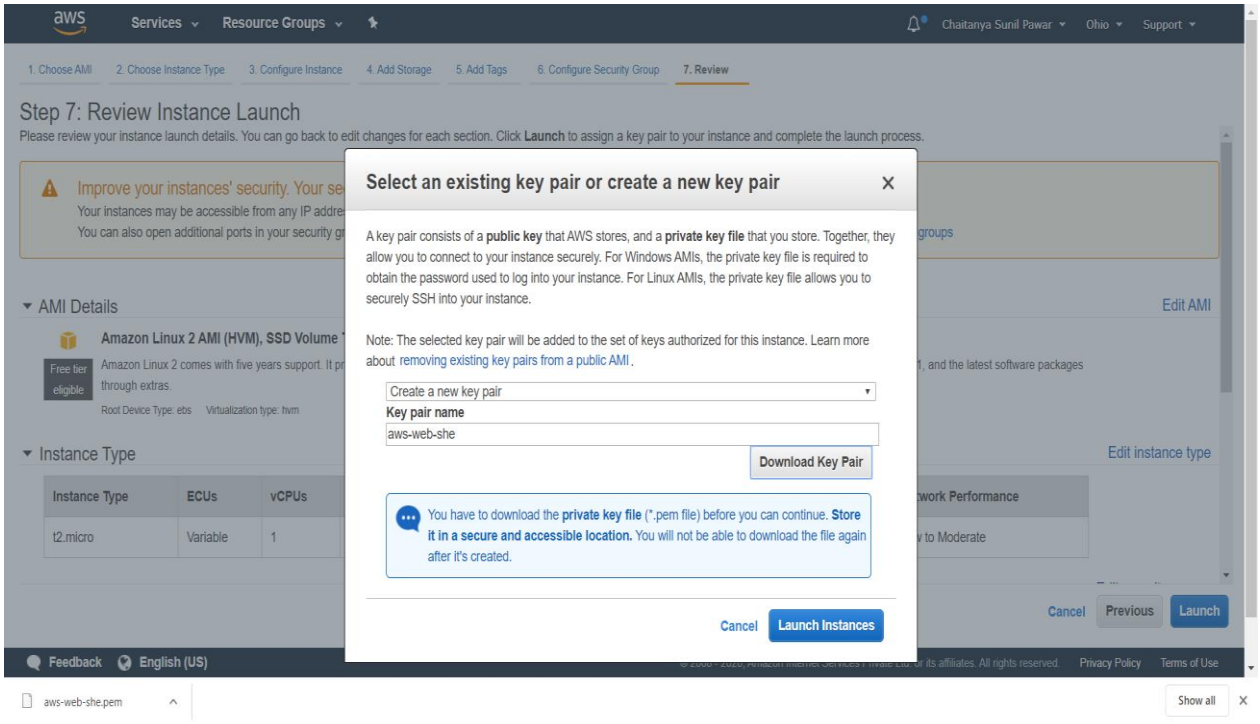
2.Choosing an instance type



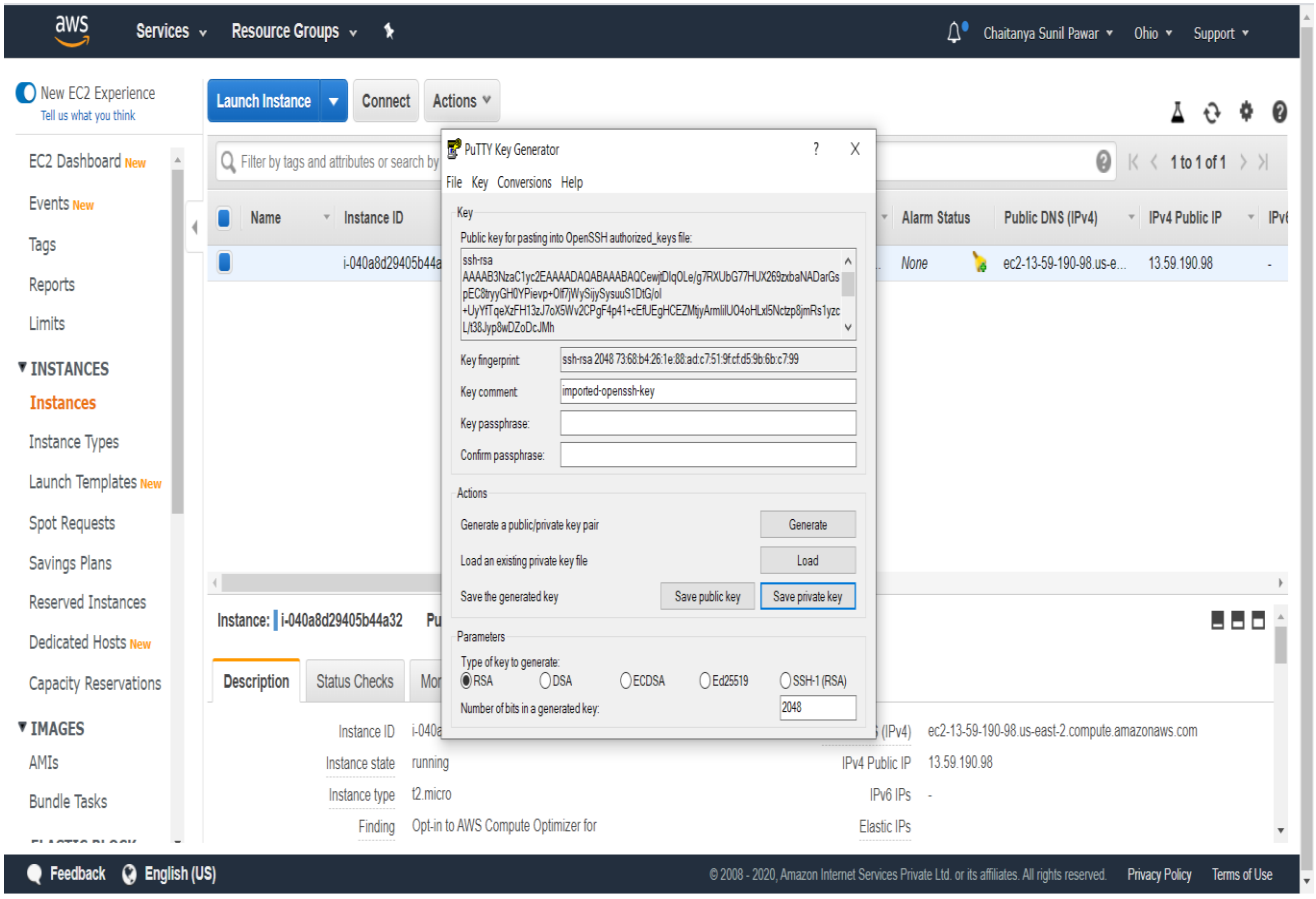
3.Adding Storage



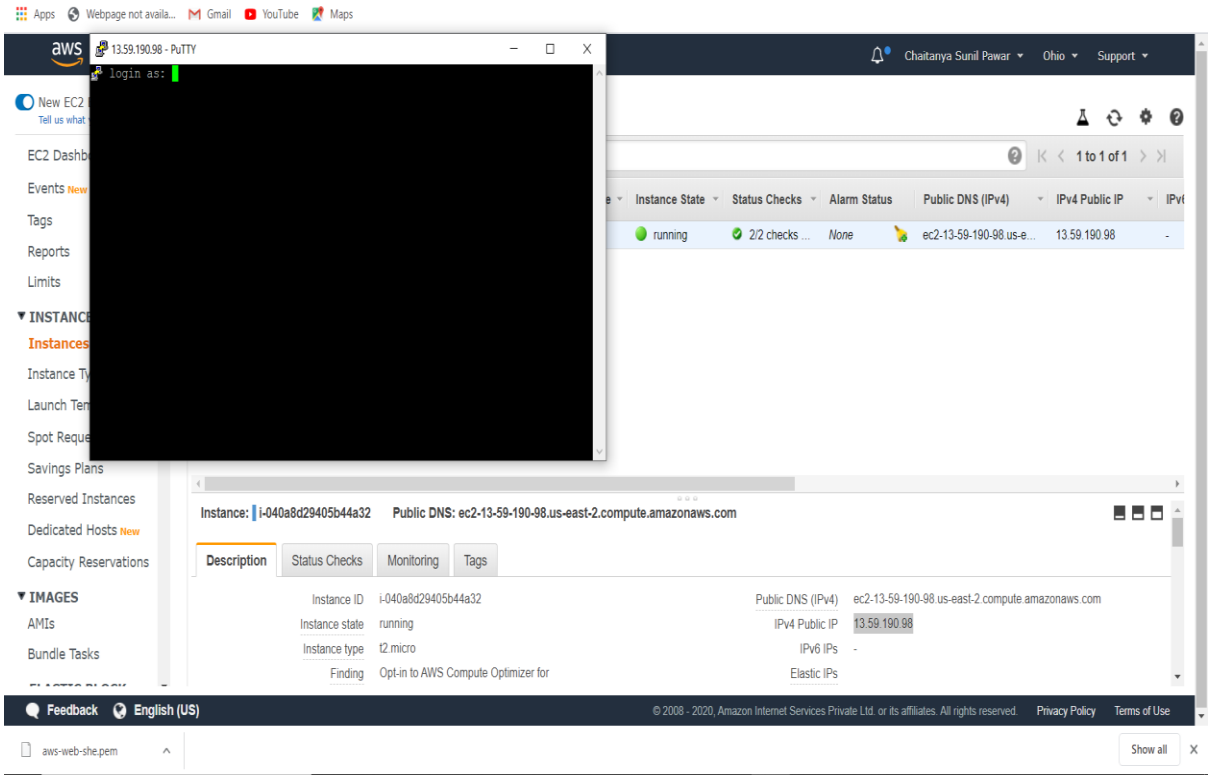
4.configur security group



5.key pair download

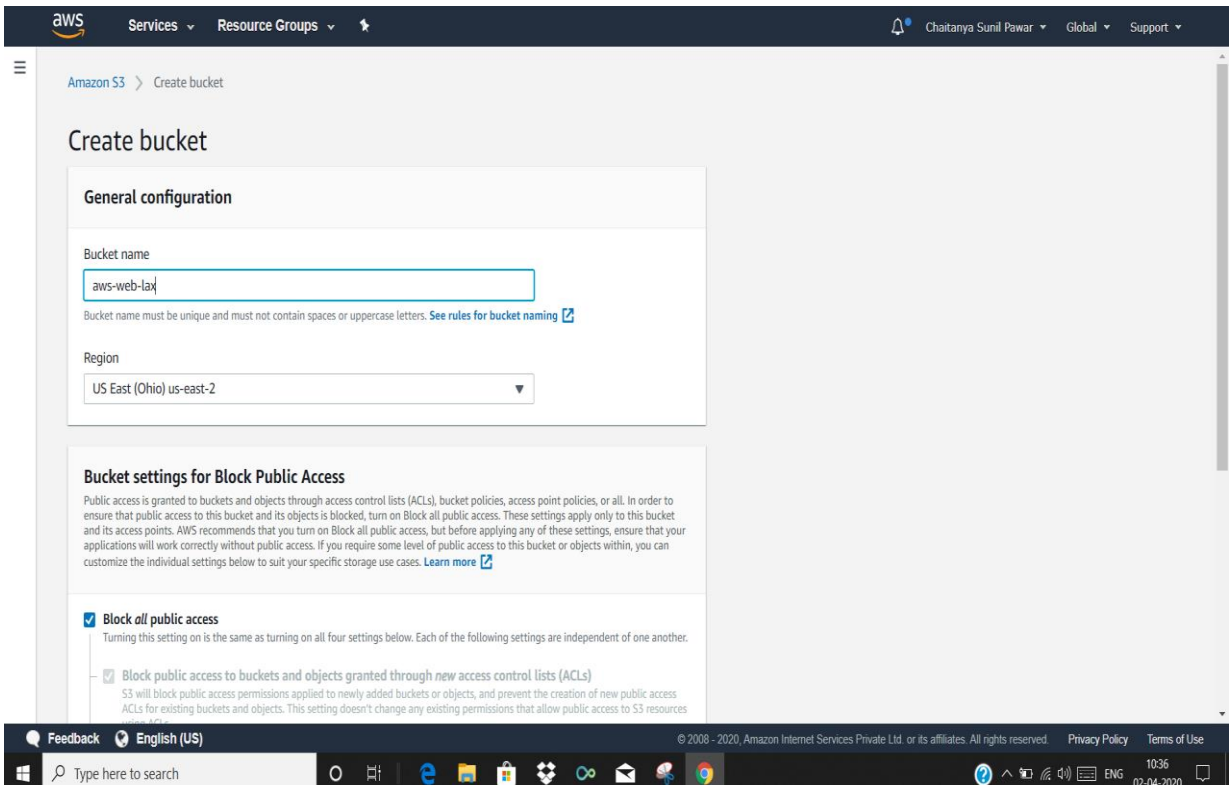


6.PUTTYgen conversion from pem to ppk

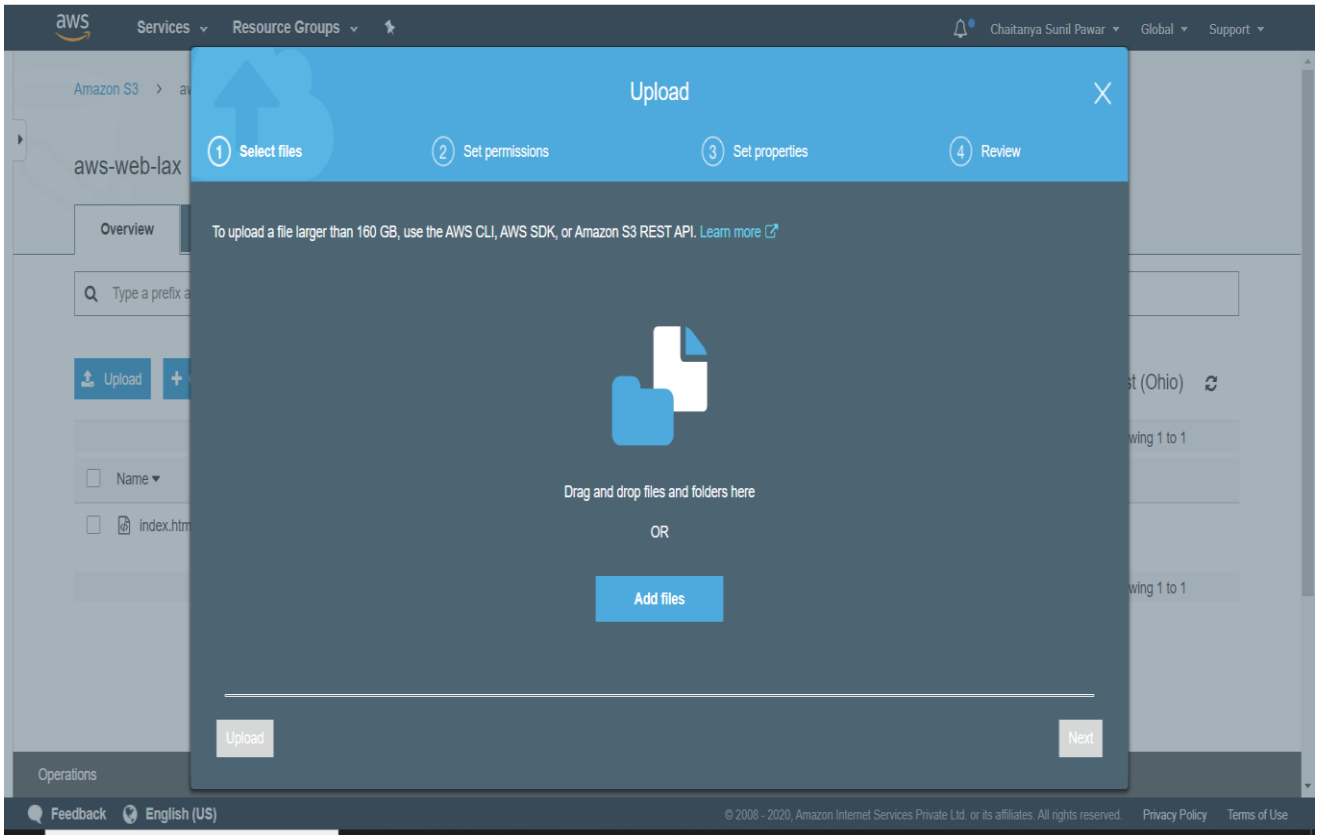


7.Logged in EC2 black screen

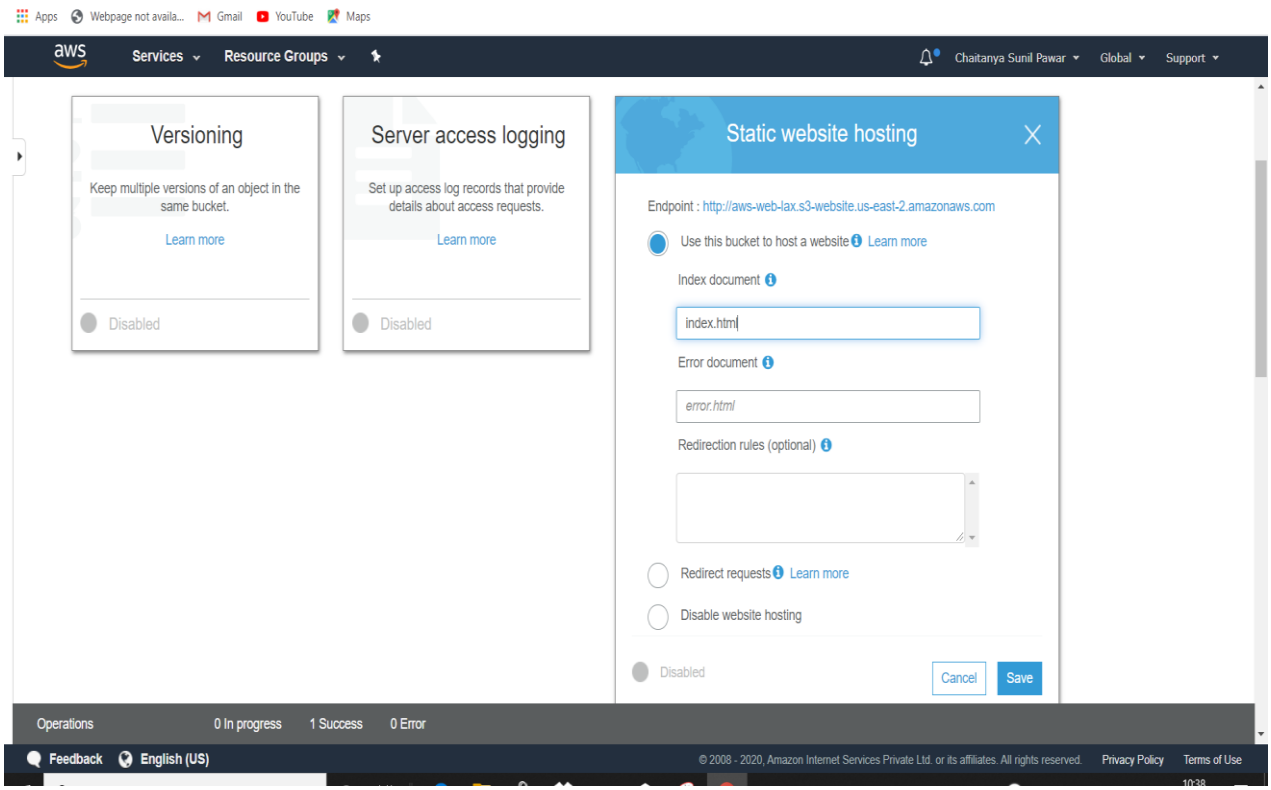
S3



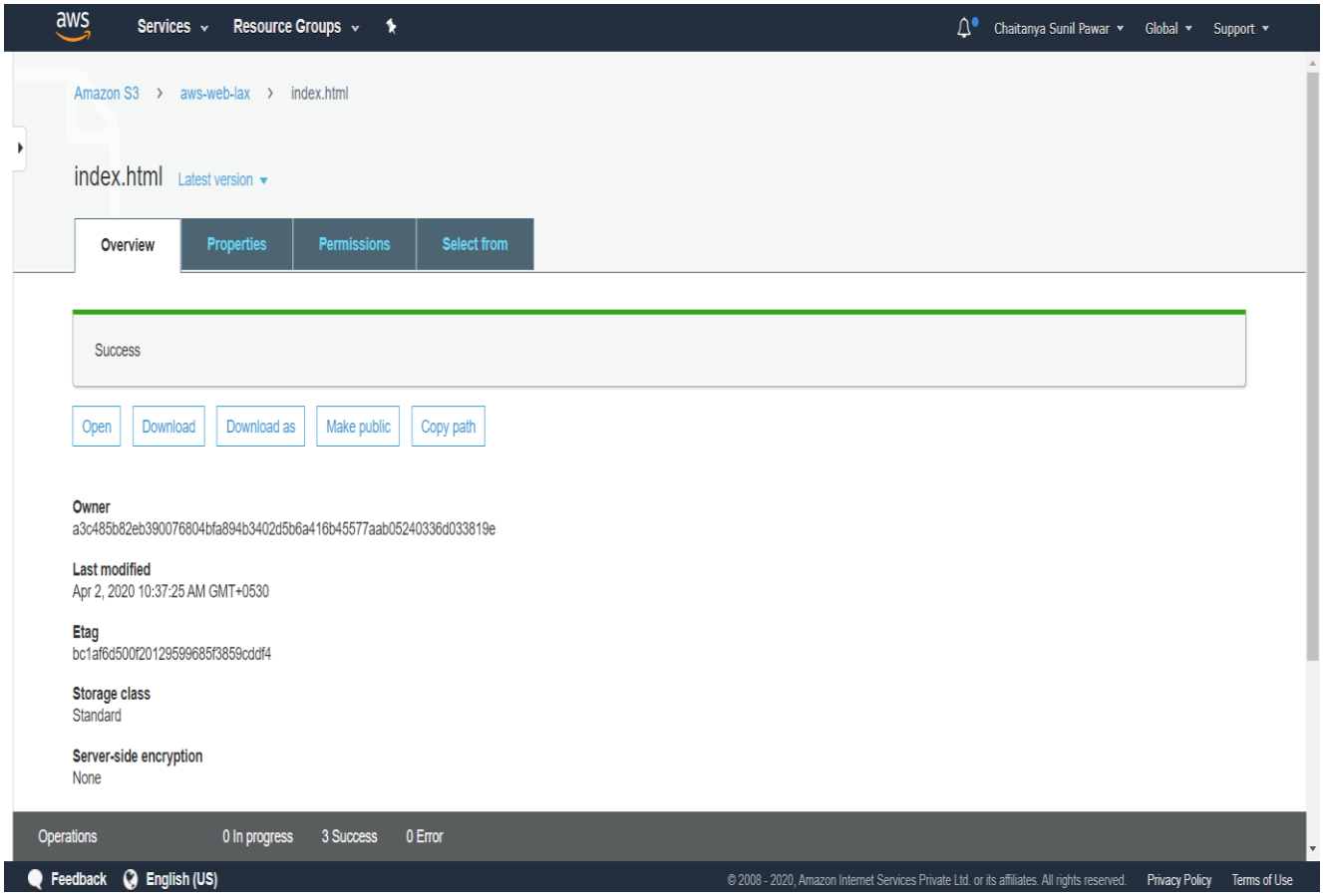
1.Creating a bucket



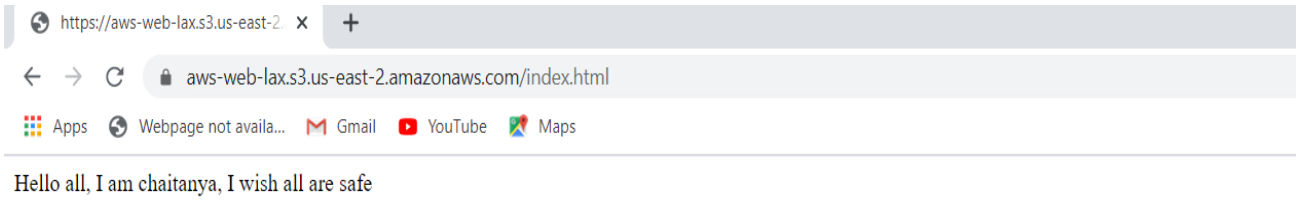
2.Uploading a Object



3.Enabling Static website

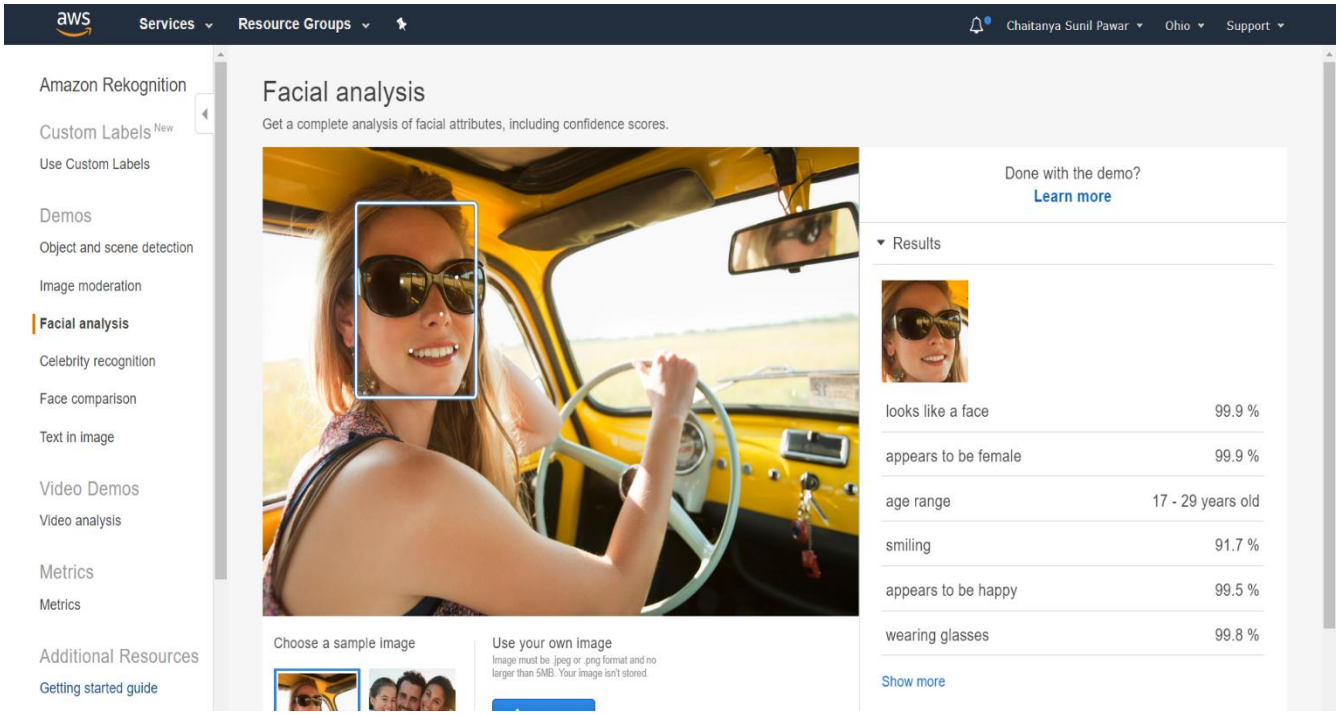


4.Making the object Public

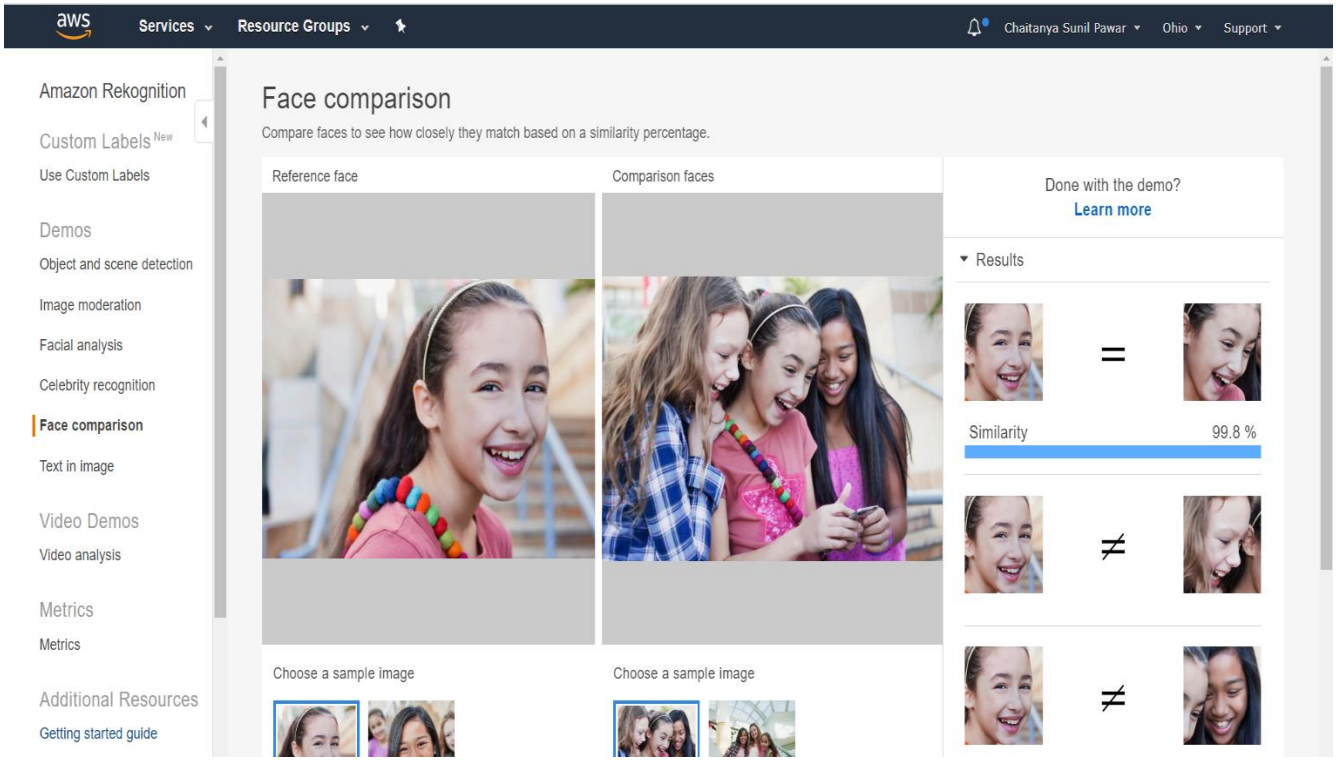


5.Checking S3 link in browser

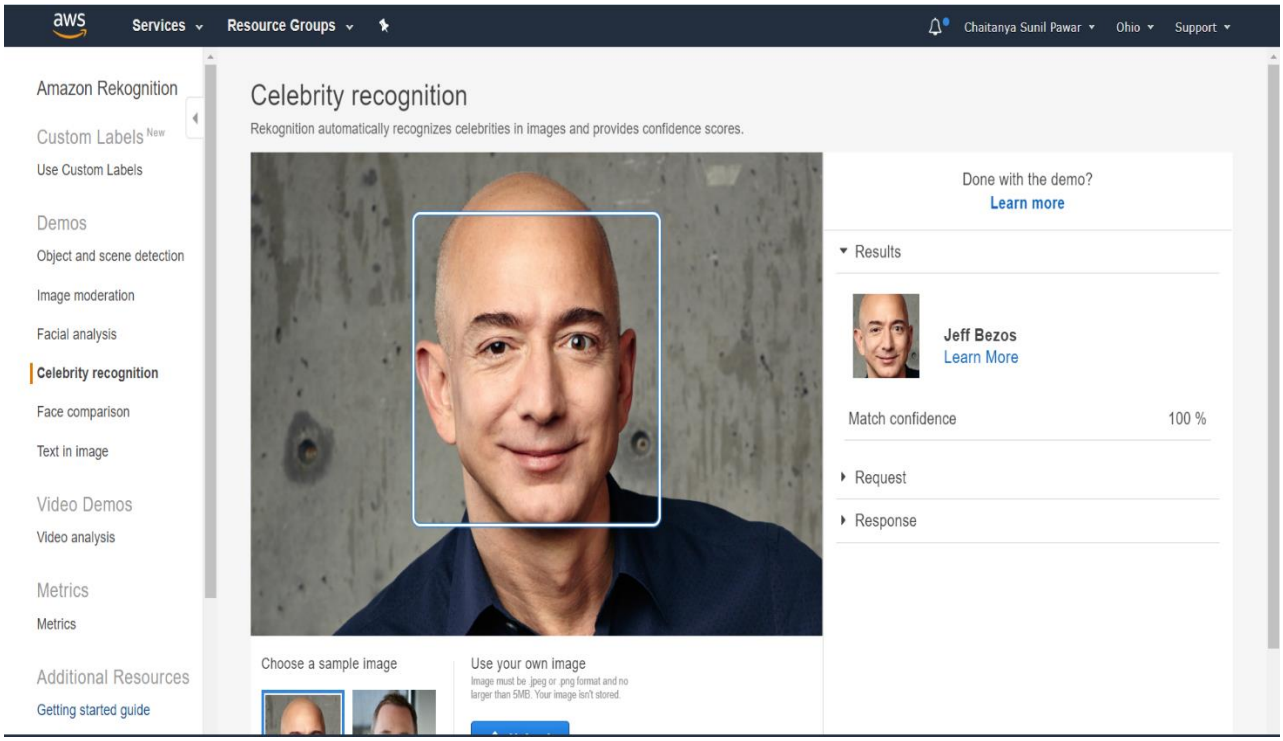
Rekognition



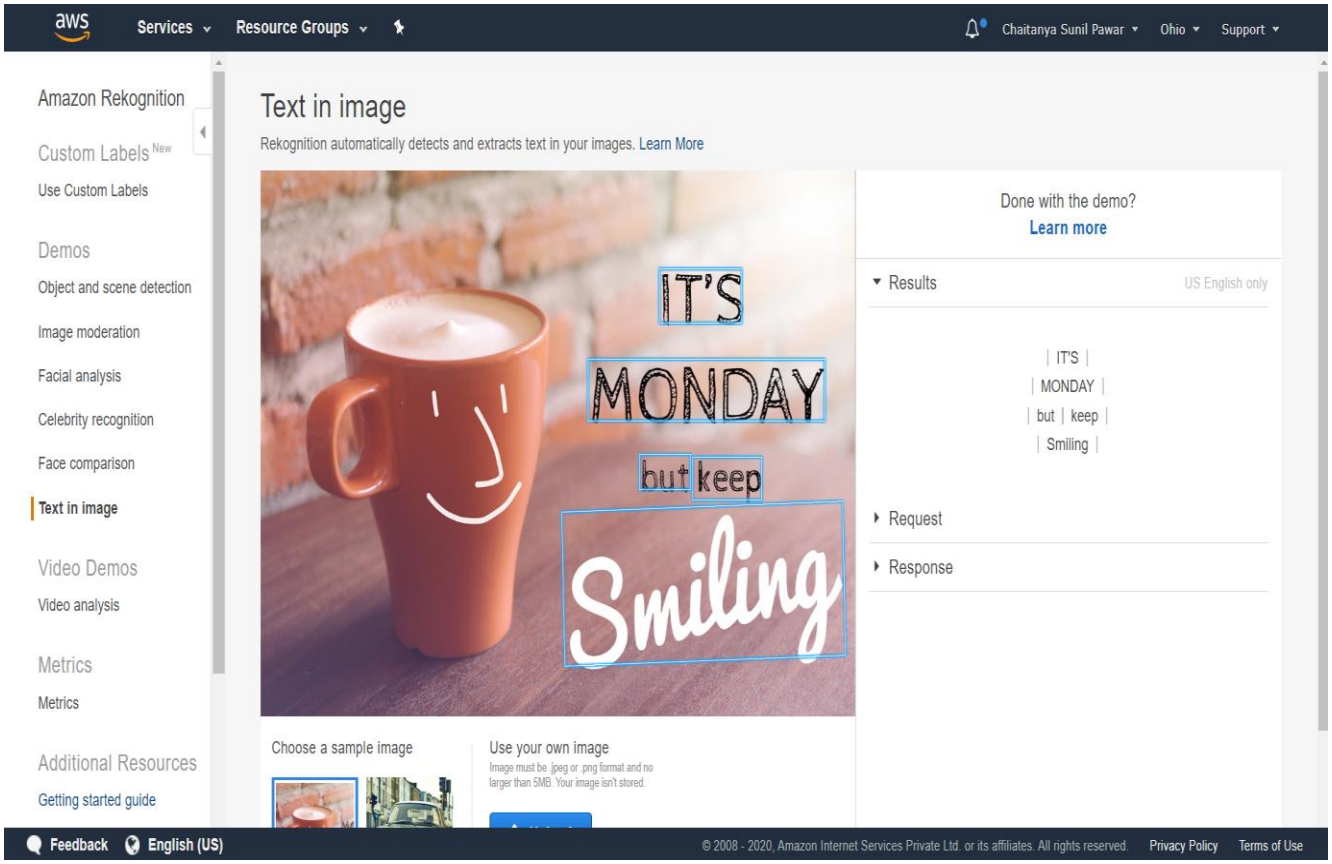
1.Face Detect



2.Face Compare

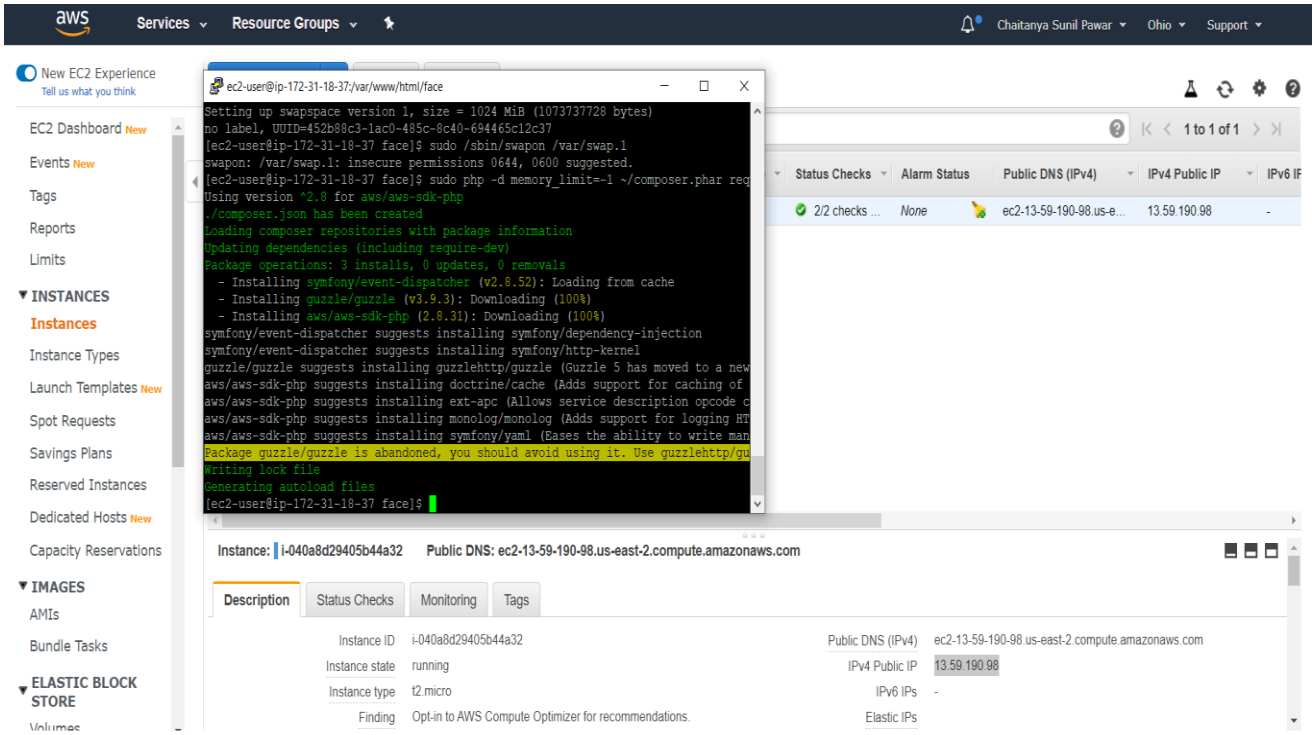


3.Celebrity rekognition



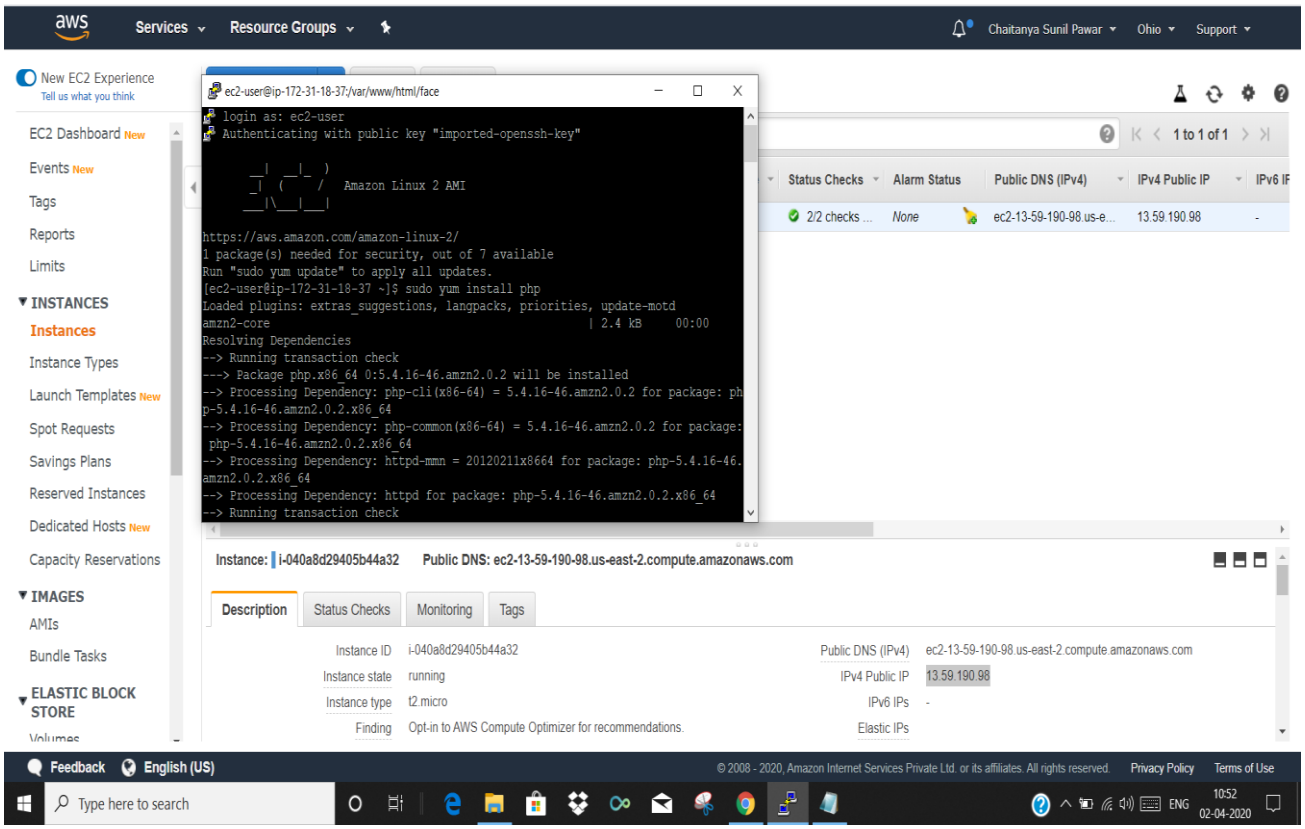
4.Text in Image

EC2& S3




```
require [--dev] [--prefer-source] [--prefer-dist] [--fixed] [--no-progress] [--n
o-suggest] [--no-update] [--no-scripts] [--update-no-dev] [--update-with-depende
ncies] [--update-with-all-dependencies] [--ignore-platform-reqs] [--prefer-stabl
e] [--prefer-lowest] [--sort-packages] [-o|--optimize-autoloader] [-a|--classmap
-authoritative] [--apcu-autoloader] [--] [<packages>]...

[ec2-user@ip-172-31-18-37 face]$ sudo /bin/dd if=/dev/zero of=/var/swap.1 bs=1M
count=1024
1024+0 records in
1024+0 records out
1073741824 bytes (1.1 GB) copied, 13.9193 s, 77.1 MB/s
[ec2-user@ip-172-31-18-37 face]$ sudo /sbin/mkswap /var/swap.1
mkswap: /var/swap.1: insecure permissions 0644, 0600 suggested.
Setting up swapspace version 1, size = 1024 MiB (1073737728 bytes)
no label, UUID=452b88c3-1ac0-485c-8c40-694465c12c37
[ec2-user@ip-172-31-18-37 face]$ sudo /sbin/swapon /var/swap.1
swapon: /var/swap.1: insecure permissions 0644, 0600 suggested.
[ec2-user@ip-172-31-18-37 face]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
Using version ^2.8 for aws/aws-sdk-php
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 3 installs, 0 updates, 0 removals
  - Installing symfony/event-dispatcher (v2.8.52): Loading from cache
  - Installing guzzle/guzzle (v3.9.3): Downloading (100%)
  - Installing aws/aws-sdk-php (2.8.31): Downloading (100%)
symfony/event-dispatcher suggests installing symfony/dependency-injection
symfony/event-dispatcher suggests installing symfony/http-kernel
guzzle/guzzle suggests installing guzzlehttp/guzzle (Guzzle 5 has moved to a new package name. The package you have installed, Guzzle 3, is deprecated.)
aws/aws-sdk-php suggests installing doctrine/cache (Adds support for caching of credentials and responses)
aws/aws-sdk-php suggests installing ext-apc (Allows service description opcode caching, request and response caching, and credentials caching)
aws/aws-sdk-php suggests installing monolog/monolog (Adds support for logging HTTP requests and responses)
aws/aws-sdk-php suggests installing symfony/yaml (Eases the ability to write manifests for creating jobs in AWS Import/Export)
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/guzzle instead.
Writing lock file
Generating autoload files
[ec2-user@ip-172-31-18-37 face]$
```

1.Installing aws-sdk




```
login as: ec2-user
Authenticating with public key "imported-openssh-key"

       __|  __|_  )
       _|  (     /   Amazon Linux 2 AMI
      ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-18-37 ~]$ 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 0:5.4.16-46.amzn2.0.2 will be installed
--> Processing Dependency: php-cli(x86-64) = 5.4.16-46.amzn2.0.2 for package: ph
p-5.4.16-46.amzn2.0.2.x86_64
--> Processing Dependency: php-common(x86-64) = 5.4.16-46.amzn2.0.2 for package:
 php-5.4.16-46.amzn2.0.2.x86_64
--> Processing Dependency: httpd-mmn = 20120211x8664 for package: php-5.4.16-46.
amzn2.0.2.x86_64
--> Processing Dependency: httpd for package: php-5.4.16-46.amzn2.0.2.x86_64
--> Running transaction check
---> Package httpd.x86_64 0:2.4.41-1.amzn2.0.1 will be installed
--> Processing Dependency: httpd-tools = 2.4.41-1.amzn2.0.1 for package: httpd-2
.4.41-1.amzn2.0.1.x86_64
--> Processing Dependency: httpd-filesystem = 2.4.41-1.amzn2.0.1 for package: ht
tpd-2.4.41-1.amzn2.0.1.x86_64
--> Processing Dependency: system-logos-httpd for package: httpd-2.4.41-1.amzn2.
0.1.x86_64
--> Processing Dependency: mod_http2 for package: httpd-2.4.41-1.amzn2.0.1.x86_6
4
--> Processing Dependency: httpd-filesystem for package: httpd-2.4.41-1.amzn2.0.
1.x86_64
```

2.Installing php

```
cd /var/www/html
sudo mkdir face
cd face
sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php

In case if you get memory error -
        sudo /bin/dd if=/dev/zero of=/var/swap.1 bs=1M count=1024
        sudo /sbin/mkswap /var/swap.1
        sudo /sbin/swapon /var/swap.1

sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg

*/
error_reporting(0);

require_once(__DIR__ . '/vendor/autoload.php');

use Aws\S3\S3Client;
use Aws\Rekognition\RekognitionClient;


$bucket = 'aws-web-lax';
$keyname = 'sample.jpg';

$s3 = S3Client::factory([
        'profile'       => 'default',
        'region'        => 'us-east-2',
        'version'       => '2006-03-01',
        'signature'     => 'v4'
]);

try {
    // Upload data.
        $result = $s3->putObject([
                'Bucket'                => $bucket,
                'Key'                   => $keyname,
                'SourceFile'    => __DIR__. "/$keyname",
                'ACL'                   => 'public-read'
        ]);

    // Print the URL to the object.
        $imageUrl = $result['ObjectURL'];
        if($imageUrl) {
                echo "Image upload done... Here is the URL: " . $imageUrl;
        }
} catch (Exception $e) {
        echo $e->getMessage() . PHP_EOL;
}
```

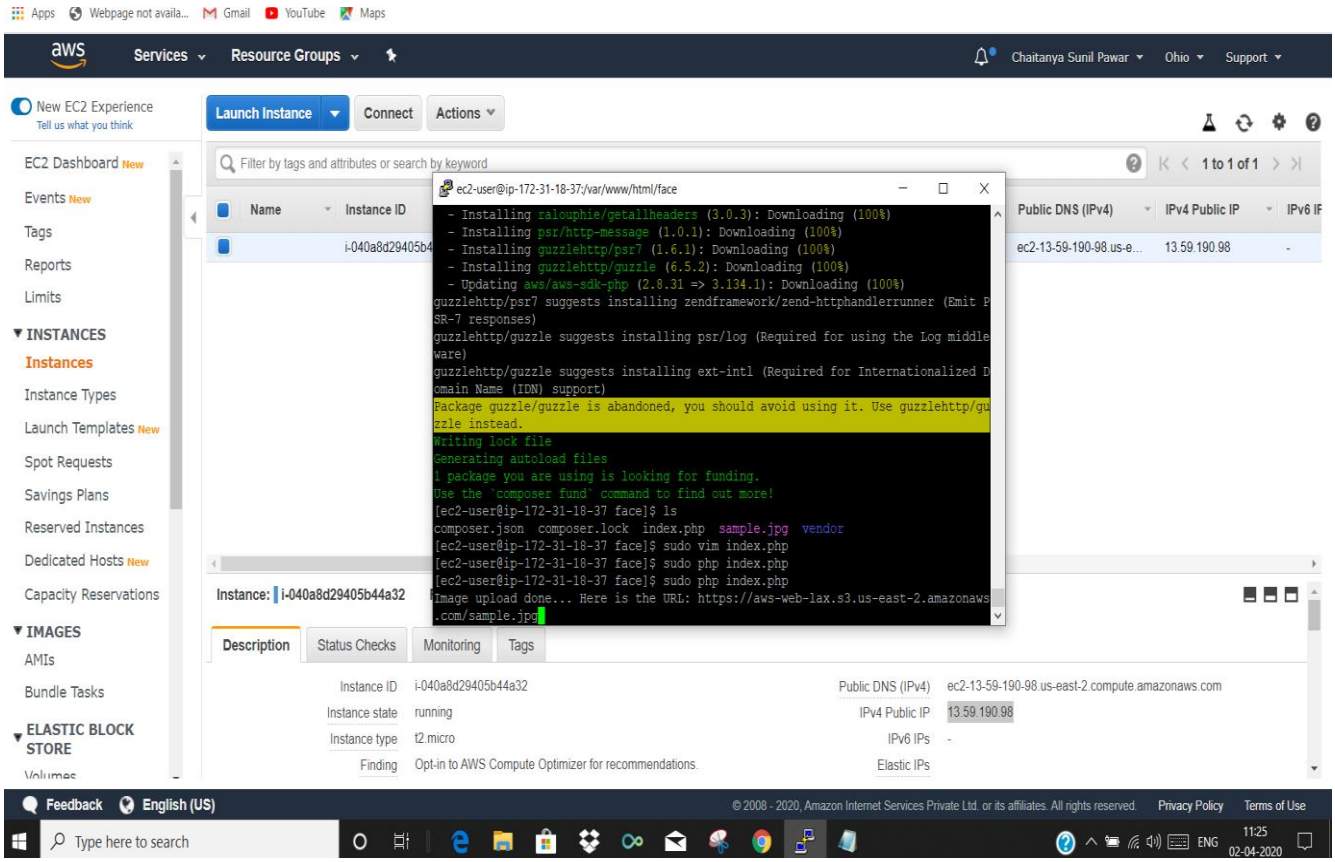
3.index.php file code

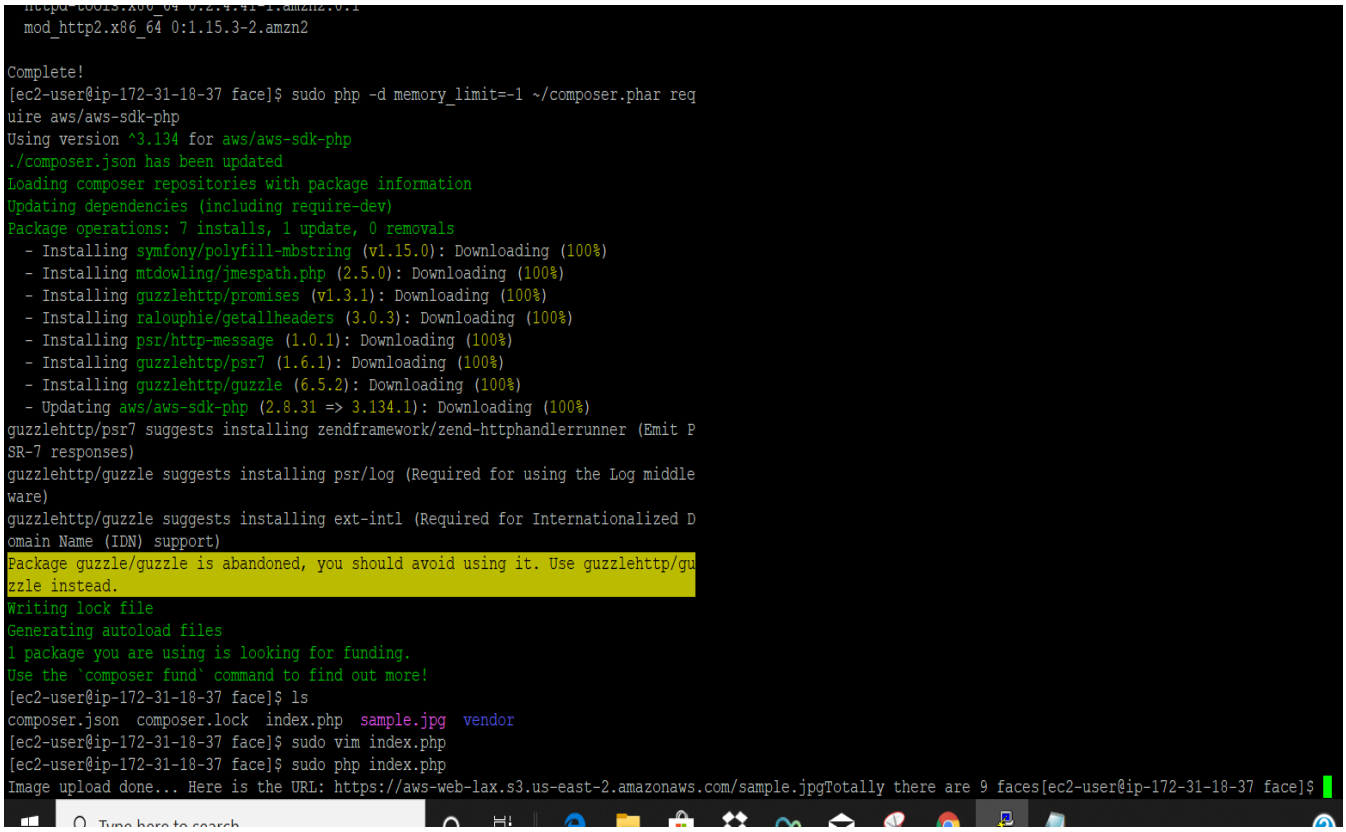
```
no label, UUID=452b88c3-1ac0-485c-8c40-694465c12c37
[ec2-user@ip-172-31-18-37 face]$ sudo /sbin/swapon /var/swap.1
swapon: /var/swap.1: insecure permissions 0644, 0600 suggested.
[ec2-user@ip-172-31-18-37 face]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
Using version ^2.8 for aws/aws-sdk-php
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 3 installs, 0 updates, 0 removals
  - Installing symfony/event-dispatcher (v2.8.52): Loading from cache
  - Installing guzzle/guzzle (v3.9.3): Downloading (100%)
  - Installing aws/aws-sdk-php (2.8.31): Downloading (100%)
symfony/event-dispatcher suggests installing symfony/dependency-injection
symfony/event-dispatcher suggests installing symfony/http-kernel
guzzle/guzzle suggests installing guzzlehttp/guzzle (Guzzle 5 has moved to a new package name. The package you have installed, Guzzle 3, is deprecated.)
aws/aws-sdk-php suggests installing doctrine/cache (Adds support for caching of credentials and responses)
aws/aws-sdk-php suggests installing ext-apc (Allows service description opcode caching, request and response caching, and credentials caching)
aws/aws-sdk-php suggests installing monolog/monolog (Adds support for logging HTTP requests and responses)
aws/aws-sdk-php suggests installing symfony/yaml (Eases the ability to write manifests for creating jobs in AWS Import/Export)
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/guzzle instead.
Writing lock file
Generating autoload files
[ec2-user@ip-172-31-18-37 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-04-02 05:21:21--  https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 23.197.108.230, 2a04:4e42:3b::84
Connecting to i.pinimg.com (i.pinimg.com)|23.197.108.230|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg'

100%[==========================================================================================================================================>] 215,551     --.-K/s   in 0.04s

2020-04-02 05:21:21 (5.61 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [215551/215551]

[ec2-user@ip-172-31-18-37 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg  composer.json  composer.lock  vendor
[ec2-user@ip-172-31-18-37 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg
[ec2-user@ip-172-31-18-37 face]$ ls
composer.json  composer.lock  sample.jpg  vendor
[ec2-user@ip-172-31-18-37 face]$ sudo vim index.php
[ec2-user@ip-172-31-18-37 face]$ sudo php index.php
You must specify a non-null value for the Body or SourceFile parameters.
[ec2-user@ip-172-31-18-37 face]$ sudo vim index.php
[ec2-user@ip-172-31-18-37 face]$ sudo php index.php
PHP Parse error:  syntax error, unexpected '<' in /var/www/html/face/index.php on line 55
[ec2-user@ip-172-31-18-37 face]$ sudo php index.php
PHP Parse error:  syntax error, unexpected '<' in /var/www/html/face/index.php on line 55
[ec2-user@ip-172-31-18-37 face]$ sudo vim index.php
[ec2-user@ip-172-31-18-37 face]$ sudo php index.php
Image upload done... Here is the URL: https://aws-web-lax.s3.us-east-2.amazonaws.com/sample.jpg[ec2-user@ip-172-31-18-37 face]$
```


```
HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg'

100%[==========================================================================================================================================>]

2020-04-02 05:21:21 (5.61 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [215551/215551]

[ec2-user@ip-172-31-18-37 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg  composer.json  composer.lock  vendor
[ec2-user@ip-172-31-18-37 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg
[ec2-user@ip-172-31-18-37 face]$ ls
composer.json  composer.lock  sample.jpg  vendor
[ec2-user@ip-172-31-18-37 face]$ sudo vim index.php
[ec2-user@ip-172-31-18-37 face]$ sudo php index.php
You must specify a non-null value for the Body or SourceFile parameters.
[ec2-user@ip-172-31-18-37 face]$ sudo vim index.php
[ec2-user@ip-172-31-18-37 face]$ sudo php index.php
PHP Parse error:  syntax error, unexpected '<' in /var/www/html/face/index.php on line 55
[ec2-user@ip-172-31-18-37 face]$ sudo php index.php
PHP Parse error:  syntax error, unexpected '<' in /var/www/html/face/index.php on line 55
[ec2-user@ip-172-31-18-37 face]$ sudo vim index.php
[ec2-user@ip-172-31-18-37 face]$ sudo php index.php
Image upload done... Here is the URL: https://aws-web-lax.s3.us-east-2.amazonaws.com/sample.jpg[ec2-user@ip-172-31-18-37 face]$
```


4.Upload success screenshot

Screenshot needed for Ec2 &Rekognition





1.Face detection success screenshot