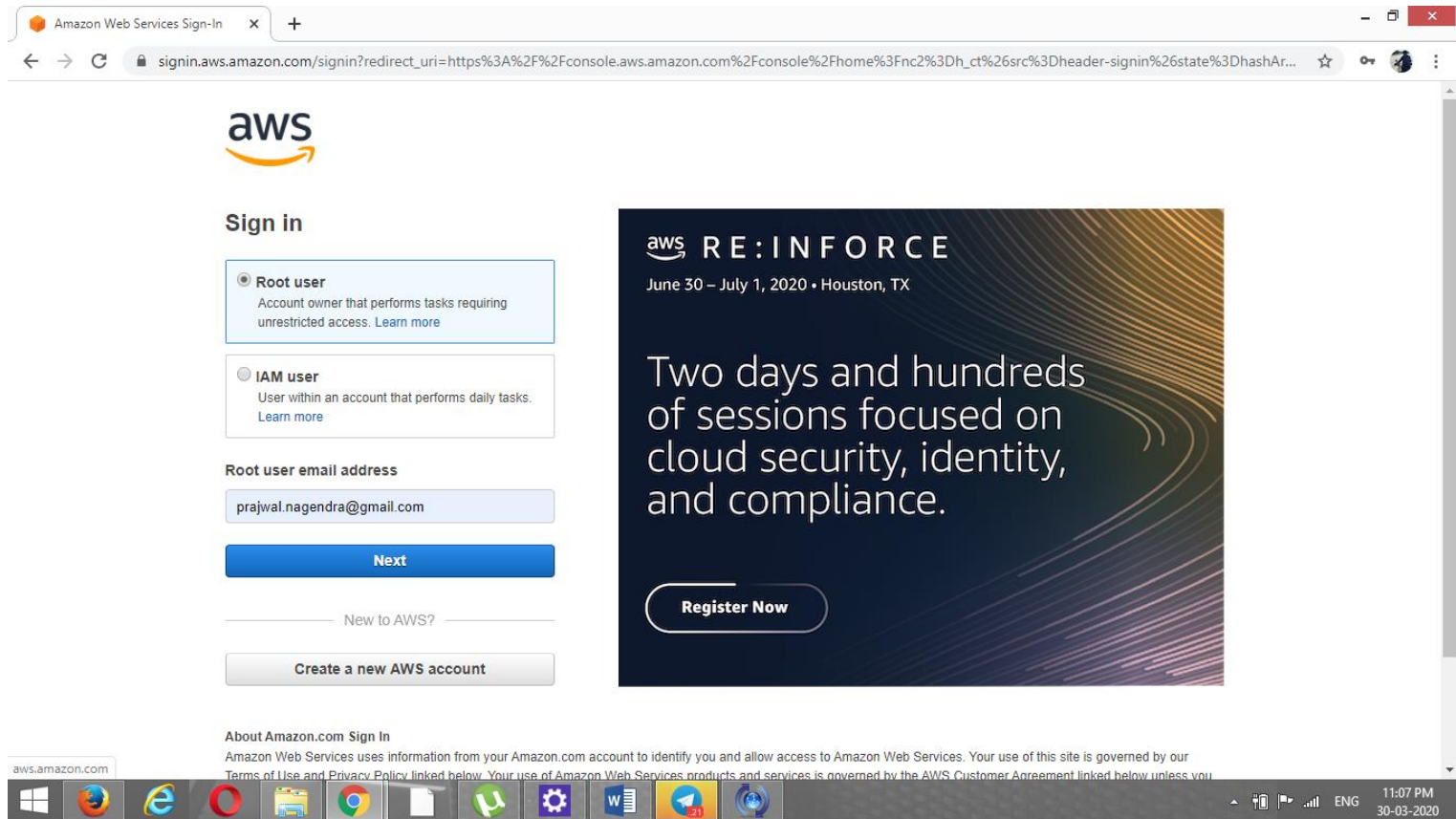
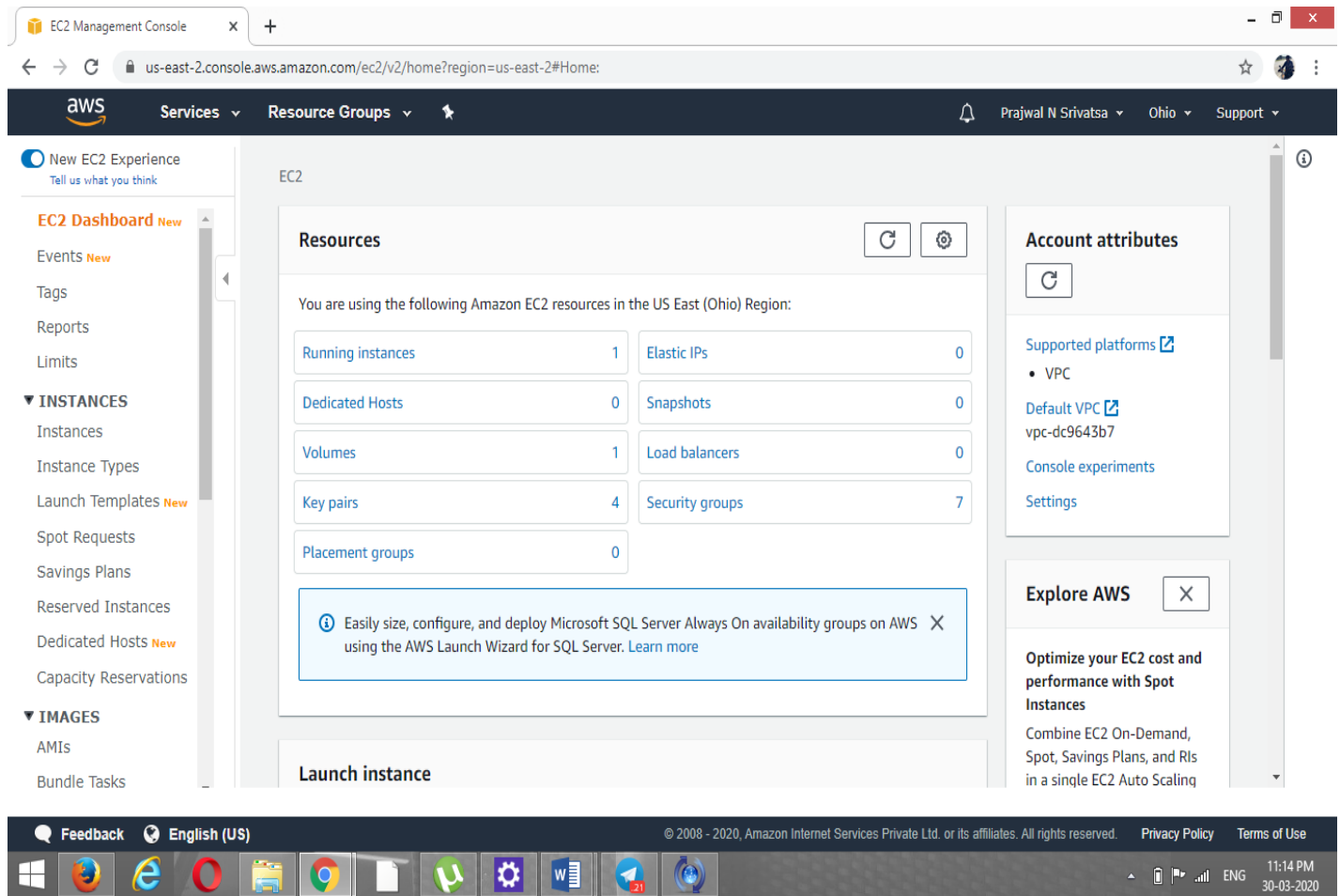


ETHNUS CODEMITHRA - AWS CERTIFICATION



AWS login screen



EC2 DASHBOARD

S3 Management Console

s3.console.aws.amazon.com/s3/home?region=us-east-2

Services Resource Groups

Prajwal N Srivatsa Global Support

Amazon S3

Buckets

Batch operations

Access analyzer for S3

Block public access (account settings)

Feature spotlight

We're gradually updating the design of the Amazon S3 console. You will notice some updated screens as we improve the performance and user interface. To help us improve the experience, [give feedback](#) on the recent updates.

Amazon S3

Buckets (1) Copy ARN Empty Delete Create bucket

Find bucket by name

Name	Region	Access	Bucket created
starsudeep	US East (Ohio) us-east-2	Objects can be public	2020-03-27T10:42:11.000Z

Feedback English (US)

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11:17 PM 30-03-2020

S3 DASHBOARD

Rekognition Console

us-east-2.console.aws.amazon.com/rekognition/home?region=us-east-2#/

aws Services Resource Groups


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Amazon Rekognition

Deep learning-based visual analysis service
Search, verify, and organize millions of images and videos


[Try Demo](#)
[Download SDKs](#)

- Custom Labels ^{New}
 - Use Custom Labels
- Demos
 - Object and scene detection
 - Image moderation
 - Facial analysis
 - Celebrity recognition
 - Face comparison
 - Text in image
- Video Demos
 - Video analysis
- Metrics
 - Metrics




Easily Integrate Powerful Visual Analysis into Your App

You don't need computer vision or deep learning expertise to take advantage of



Continuously Learning

Amazon Rekognition is designed to use deep learning technology to analyze billions of images and videos daily. It is



Integrated with AWS Services

Amazon Rekognition is designed to work seamlessly with other AWS services. Rekognition integrates directly with Amazon

Feedback English (US)

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AMAZON REKOGNITION DASHBOARD

Launch instance wizard | EC2 Ma x

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

aws

Services

Resource Groups

Prajwal N Srivatsa

Ohio

Support

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 1: Choose an Amazon Machine Image (AMI)

Cancel and Exit

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g. "Windows"

Quick Start

1 to 40 of 40 AMIs

My AMIs

AWS Marketplace

Community AMIs

Free tier only

Amazon Linux 2 AMI (HVM), SSD Volume Type

ami-0e01ce4ee18447327 (64-bit x86) / ami-03201f374ab66a26e (64-bit Arm)

Select

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

64-bit (x86)

64-bit (Arm)

Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type

ami-01b01bbd08f24c7a8

Select

Free tier eligible

The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

64-bit (x86)

Choosing AMI

Launch instance wizard | EC2 Ma x

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

aws

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1. Choose AMI

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7. Review

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes

Cancel

Previous

Review and Launch

Next: Configure Instance Details

Choosing instance type

Launch instance wizard | EC2 Ma x

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

aws Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

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-0f54692056aaa4c20	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypt

[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](#)

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Adding storage

Launch instance wizard | EC2 Ma x

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

aws Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

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:

Description:

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

[Add Rule](#)

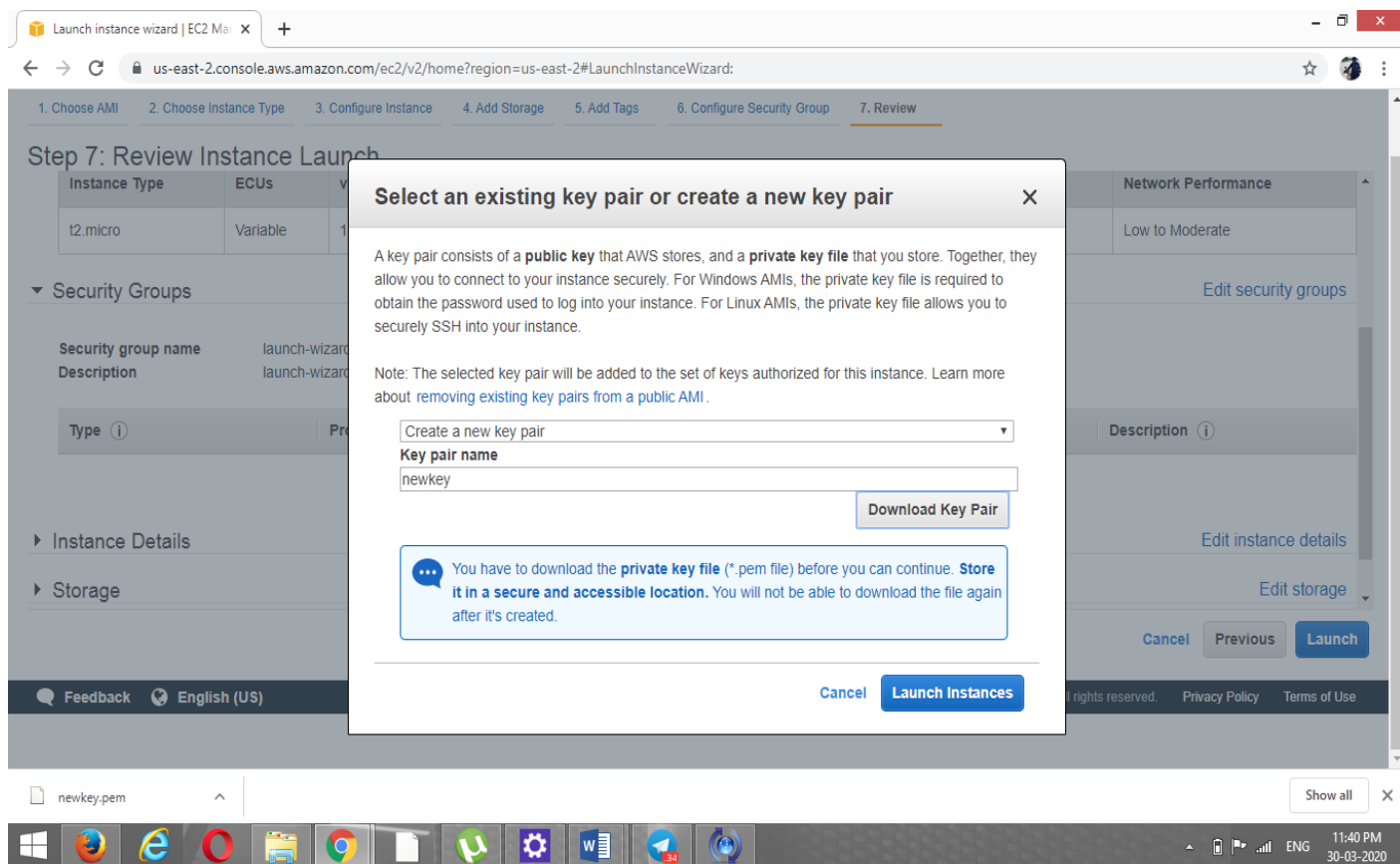
Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

[Cancel](#) [Previous](#) [Review and Launch](#)

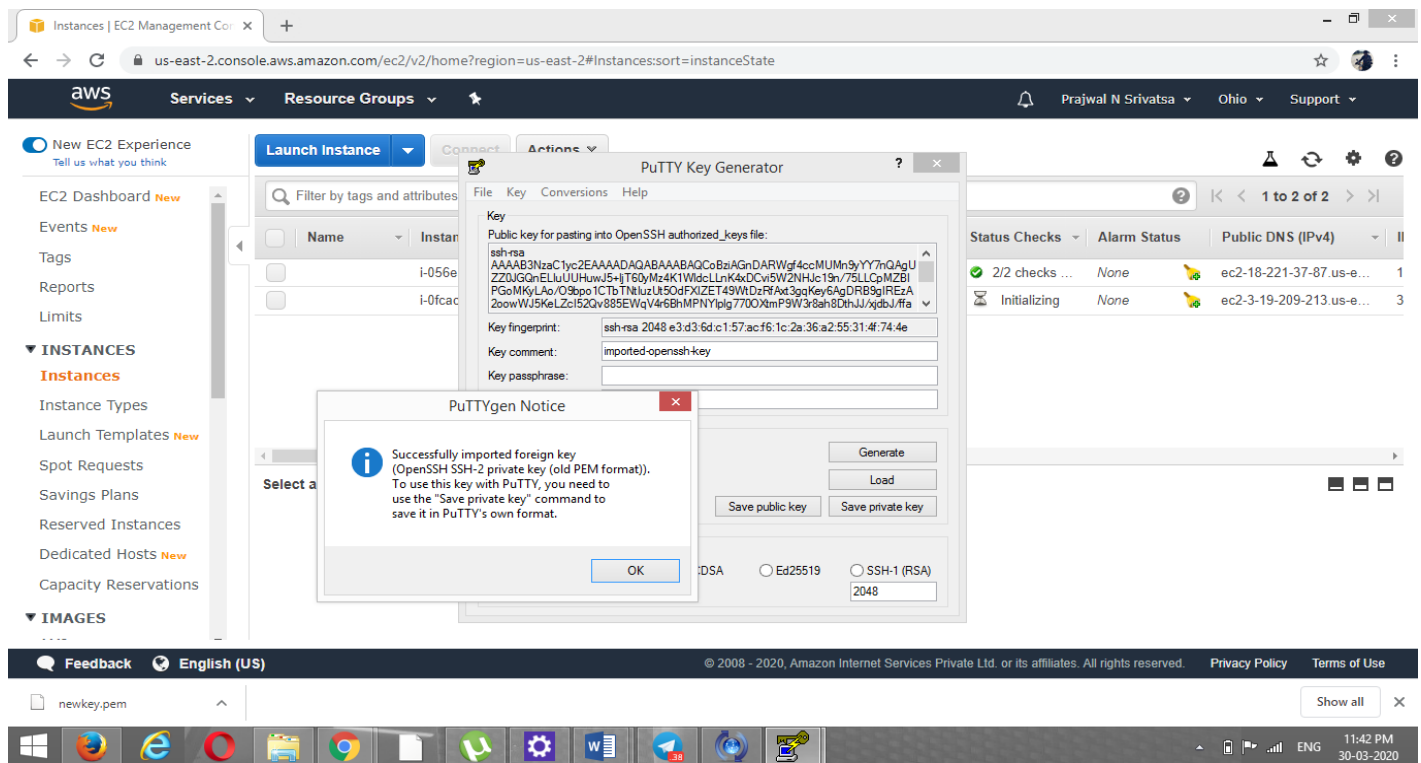
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newkey.pem Show all

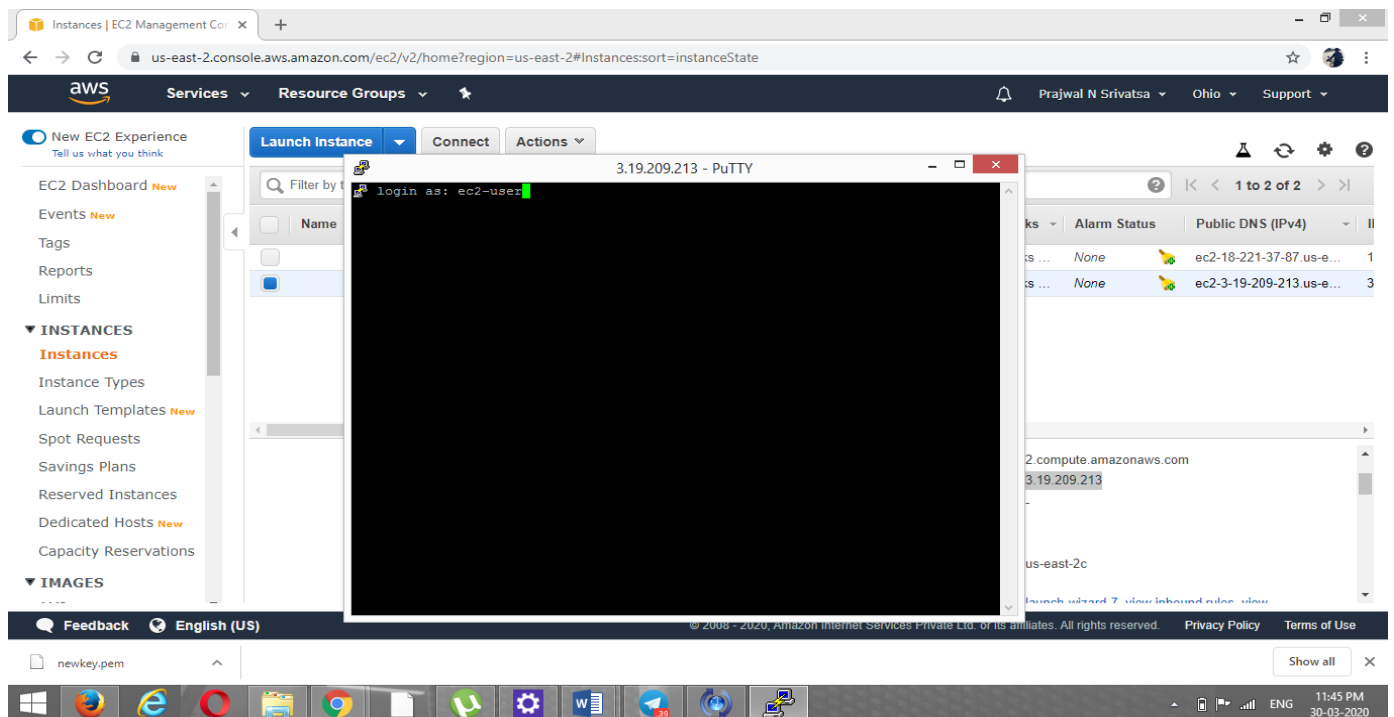
Configuring security group



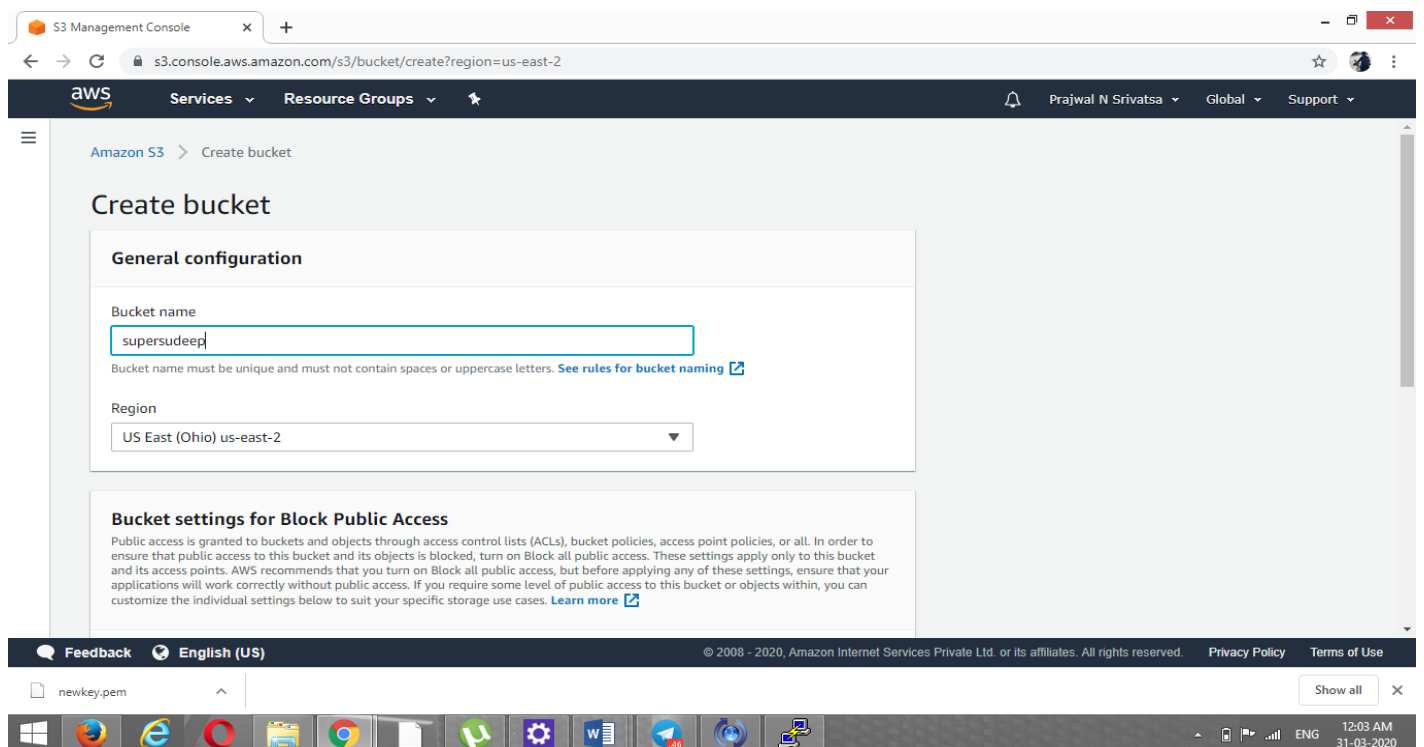
Key pair download



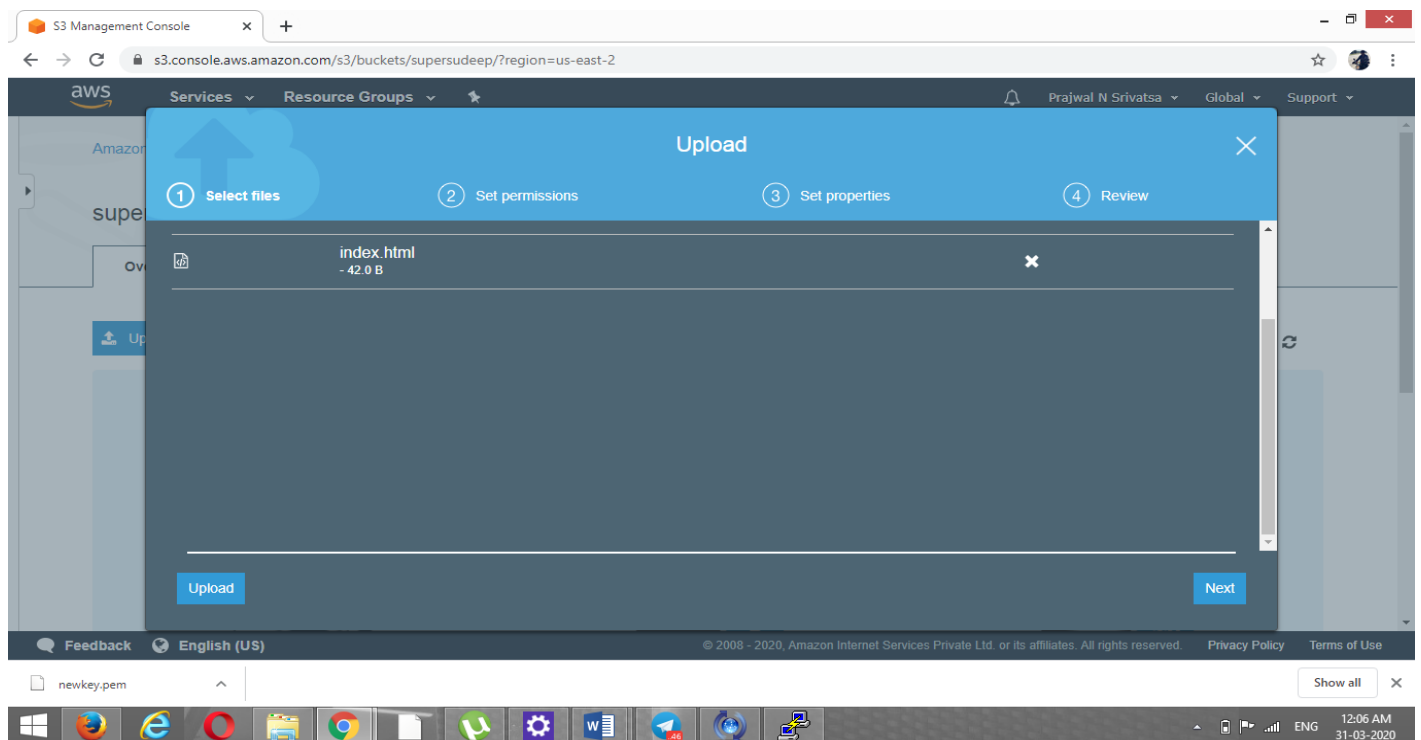
Conversion of .pem to .ppk



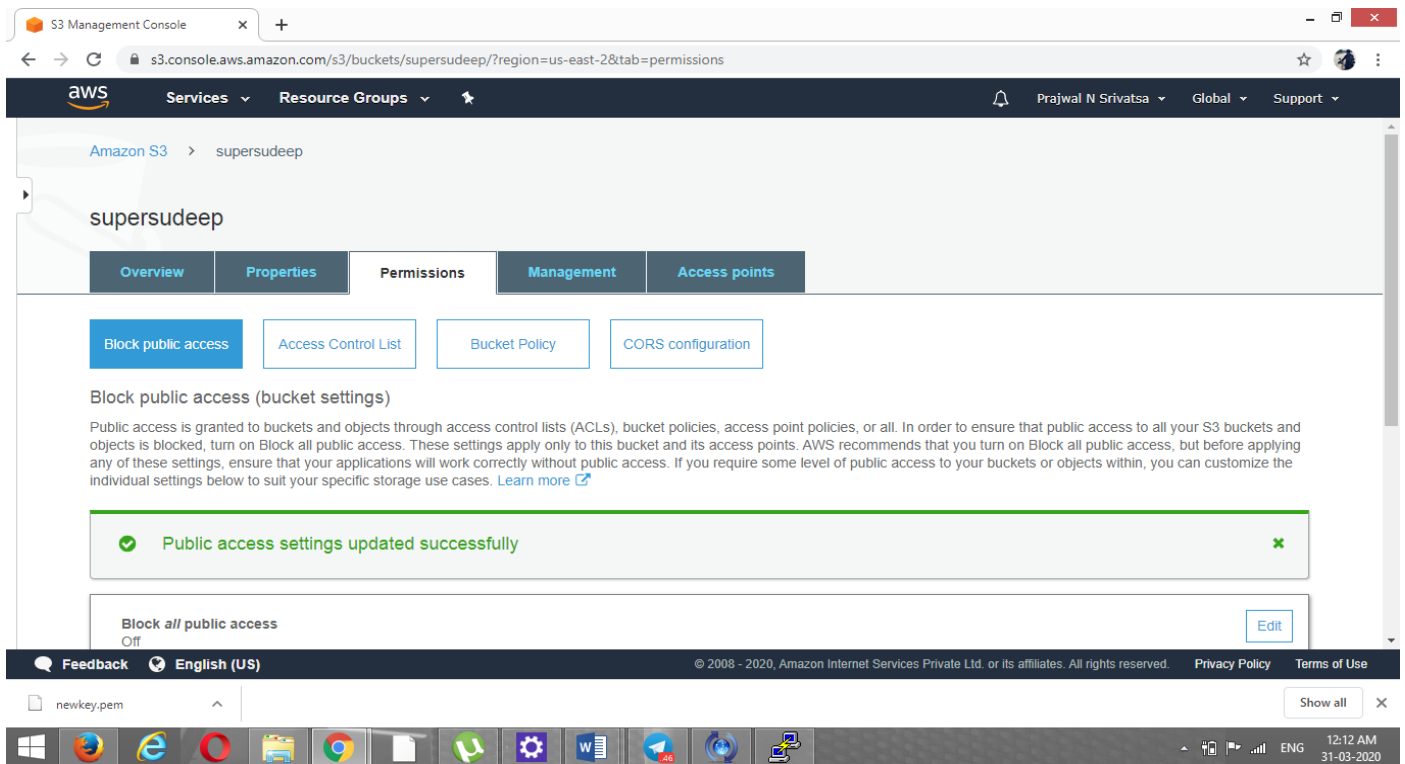
EC2 blank screen



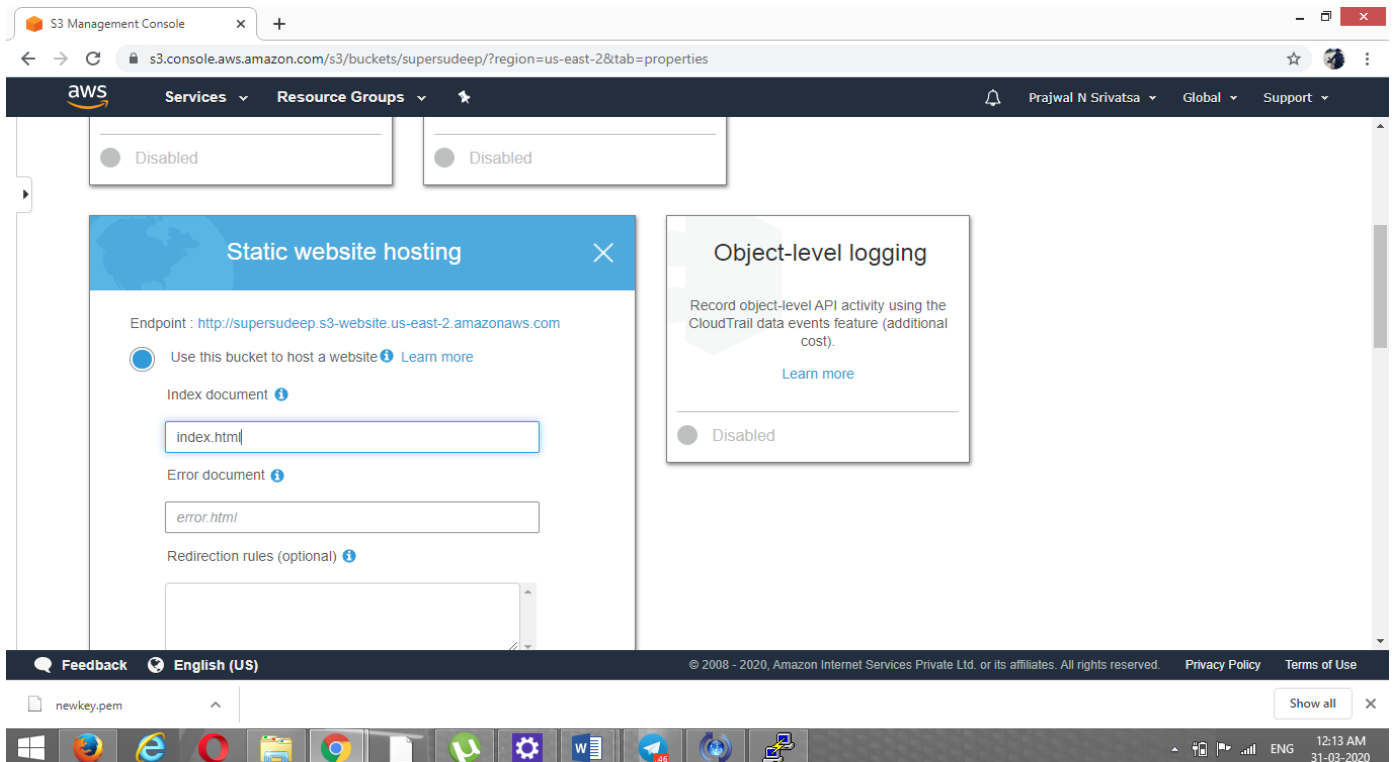
Bucket creation



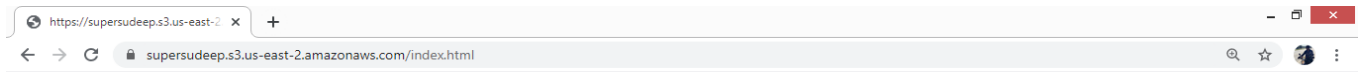
Uploading an object



Making the object public

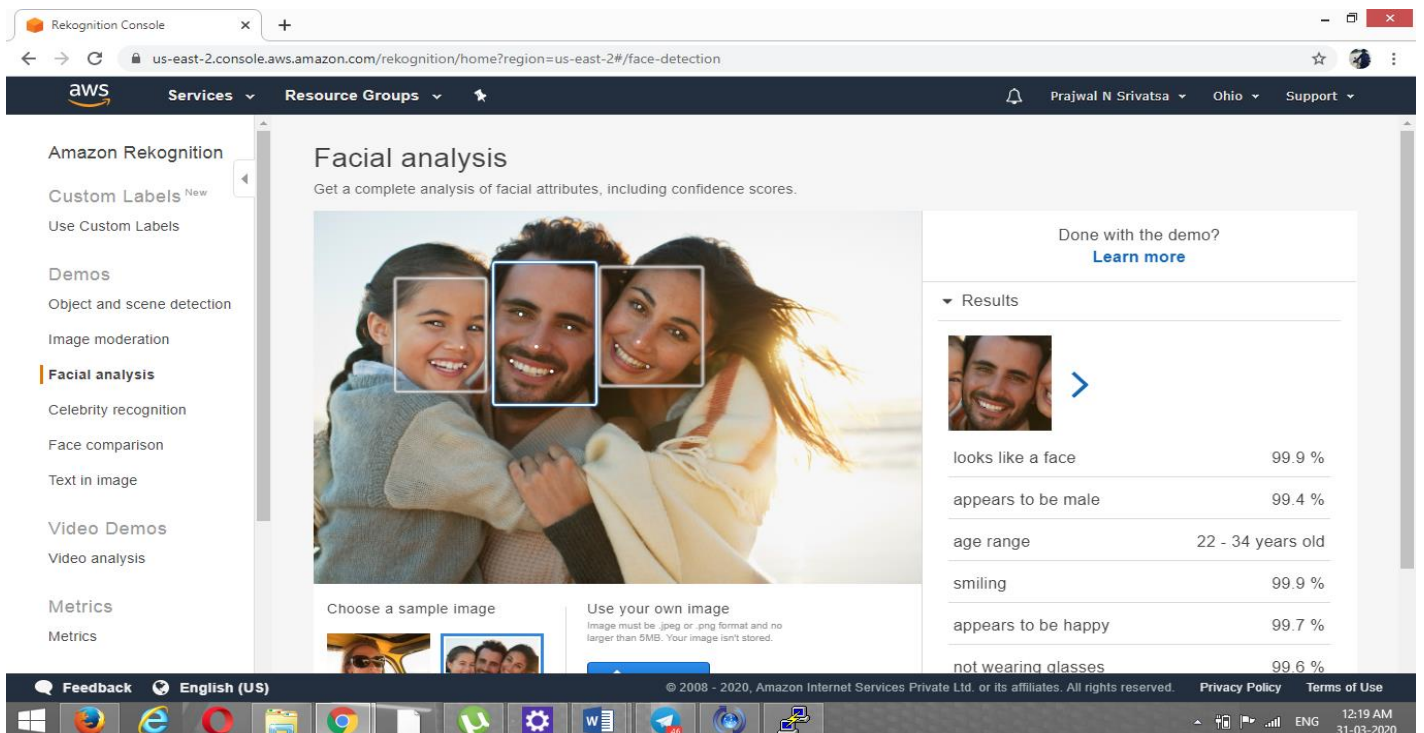


Enabling static website

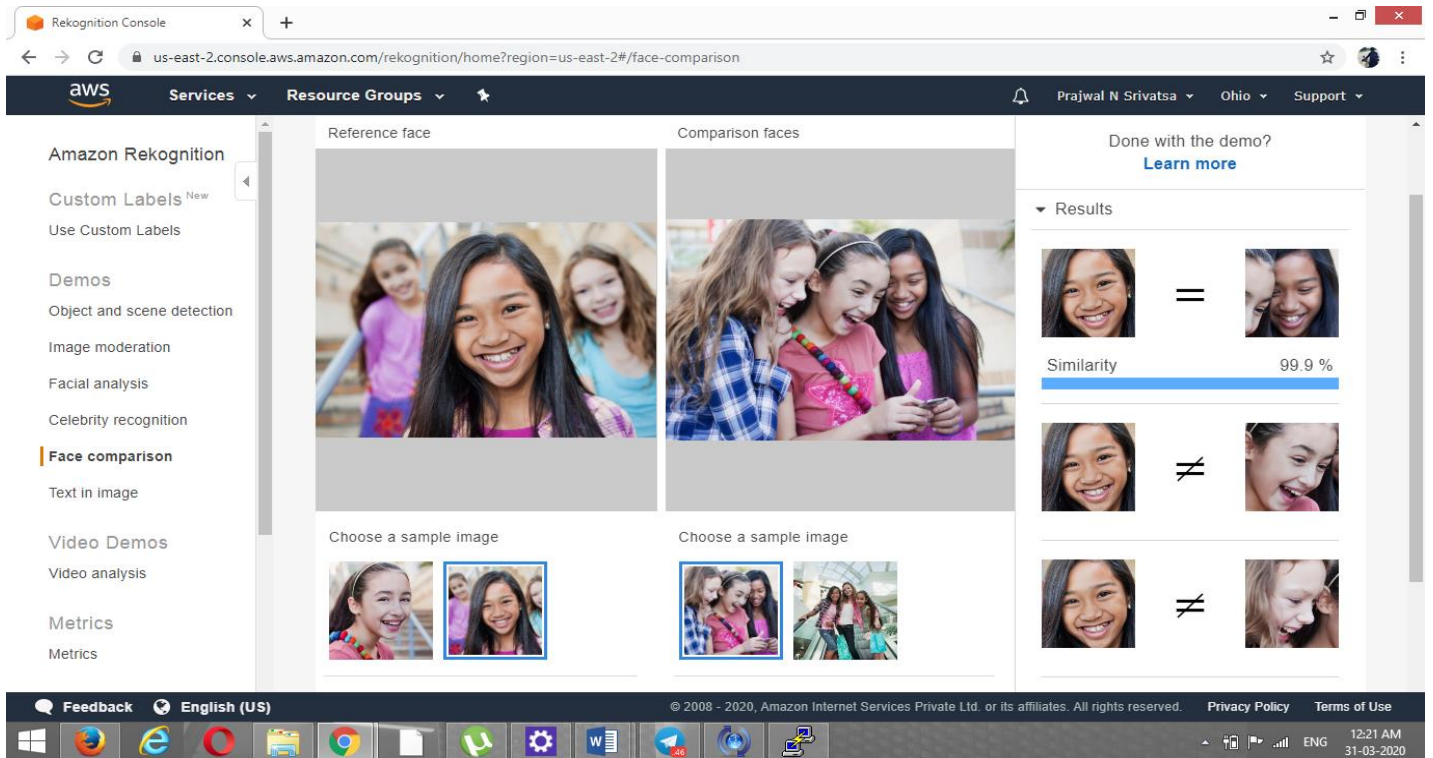


hello all!!! Am Prajwal N from Bangalore

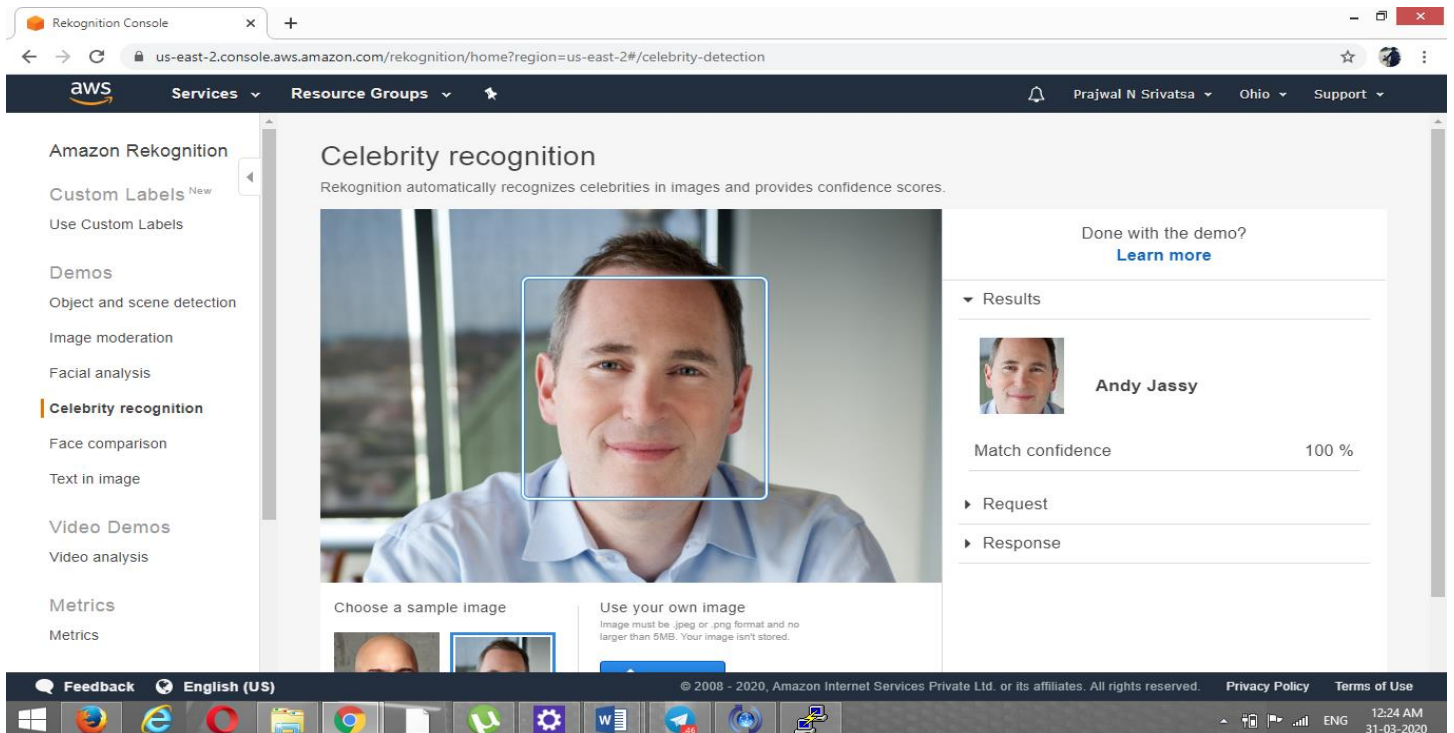
Checking the S3 link on browser



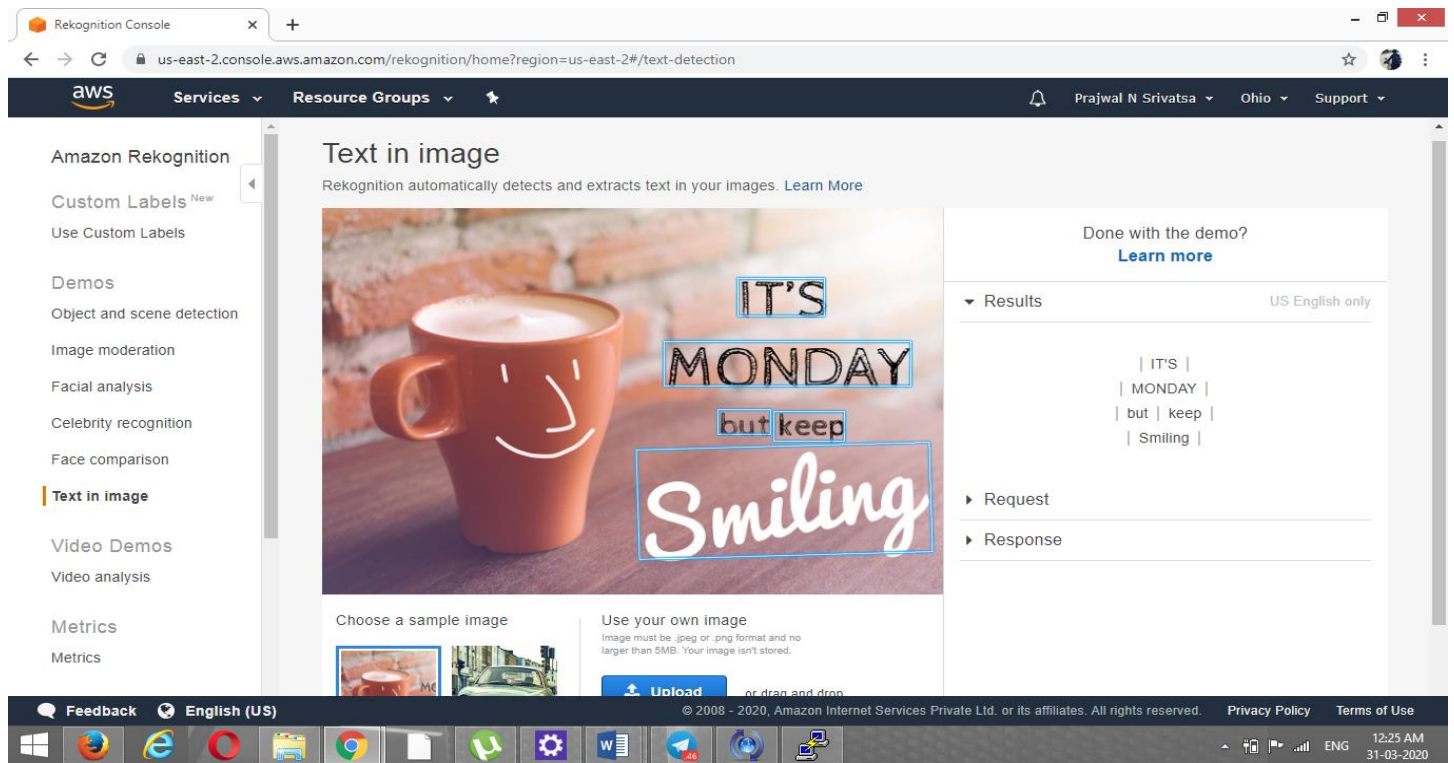
Facial Analysis



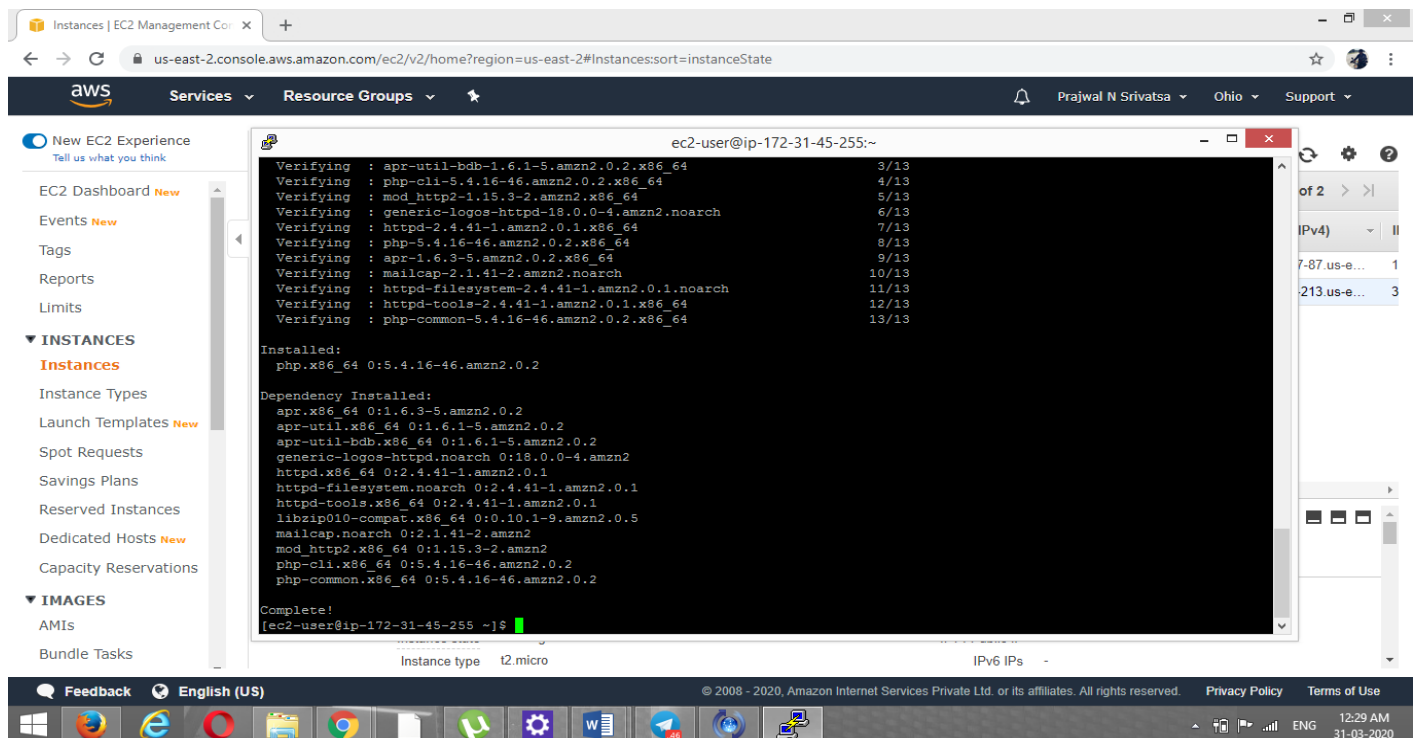
Face Comparison



Celebrity recognition



Text in image



Installing php

Instances | EC2 Management Console

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=instanceState

aws Services Resource Groups

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New EC2 Experience Tell us what you think

EC2 Dashboard New

Events New

Tags

Reports

Limits

INSTANCES

Instances

Instance Types

Launch Templates New

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

Launch Instance

Filter by tags

Name

Instance: i-c0c3a2b988f5b26

Description

Nothing to do

```
[ec2-user@ip-172-31-45-255 ~]$ curl -sS https://getcomposer.org/installer | php
All settings correct for using Composer
Downloading...

Composer (version 1.10.1) successfully installed to: /home/ec2-user/composer.phar
Use it: php composer.phar

[ec2-user@ip-172-31-45-255 ~]$ cd /var/www/html
[ec2-user@ip-172-31-45-255 html]$ sudo mkdir face
mkdir: cannot create directory 'face': File exists
[ec2-user@ip-172-31-45-255 html]$ pwd
/var/www/html
[ec2-user@ip-172-31-45-255 html]$ cd face
[ec2-user@ip-172-31-45-255 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-45-255 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 updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Nothing to install or update
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/guzzle instead.
Generating autoload files
[ec2-user@ip-172-31-45-255 face]$
```

Instance ID i-c0c3a2b988f5b26 Public DNS (IPv4) ec2-3-19-209-213.us-east-2.compute.amazonaws.com

Instance state running IPv4 Public IP 3.19.209.213

Instance type t2.micro IPv6 IPs -

Feedback English (US)

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12:40 AM 31-03-2020

Installing the amazon-sdk

Instances | EC2 Management Console

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=instanceState

aws Services Resource Groups

Prajwal N Srivatsa Ohio Support

New EC2 Experience Tell us what you think

EC2 Dashboard New

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Tags

Reports

Limits

INSTANCES

Instances

Instance Types

Launch Templates New

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

Launch Instance

Filter by tags

Name

Instance: i-c0c3a2b988f5b26

Description

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

$bucket = 'supersudeep';
$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;
}

-- INSERT --
```

1 to 2 of 2

Public DNS (IPv4)

ec2-18-221-37-87.us-east-2.compute.amazonaws.com 1

ec2-3-19-209-213.us-east-2.compute.amazonaws.com 3

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Index.php file code

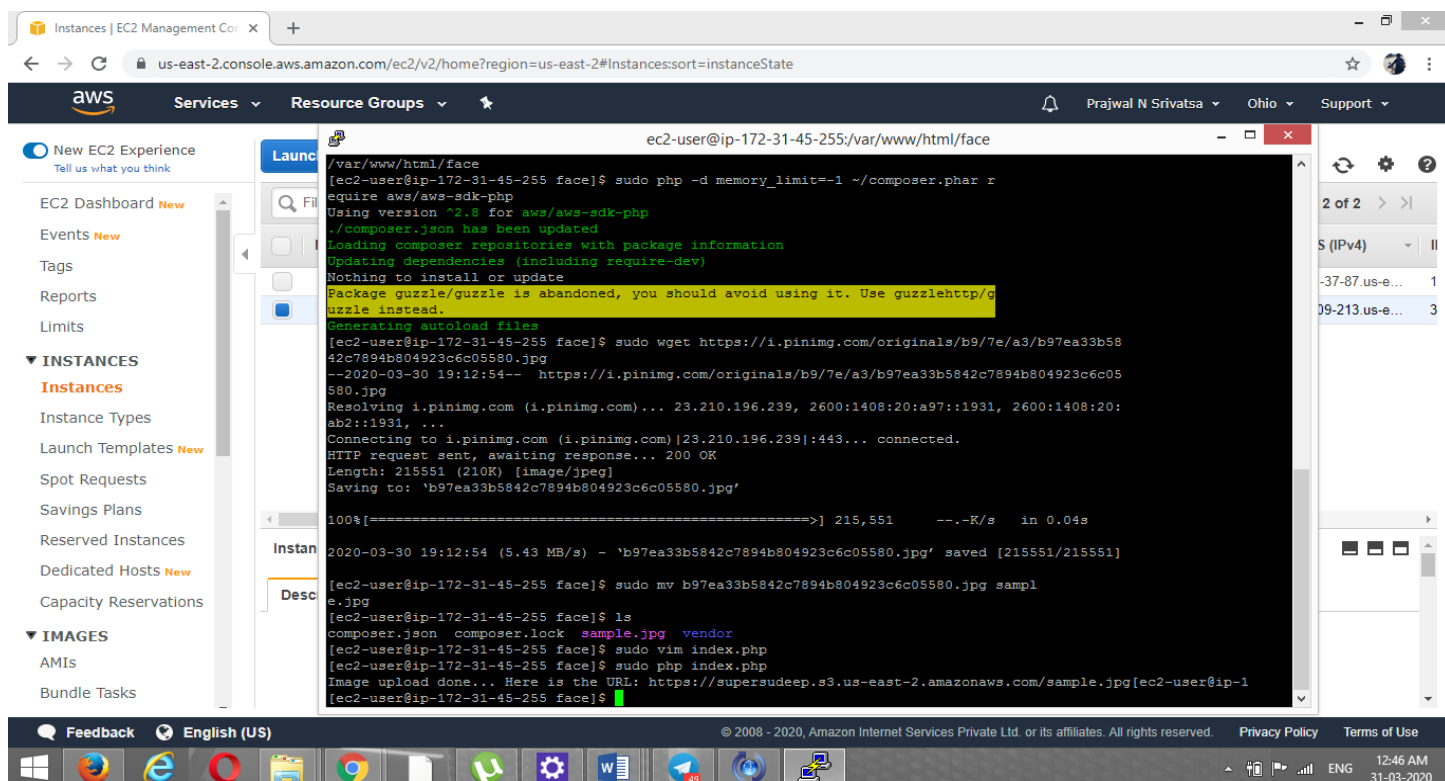
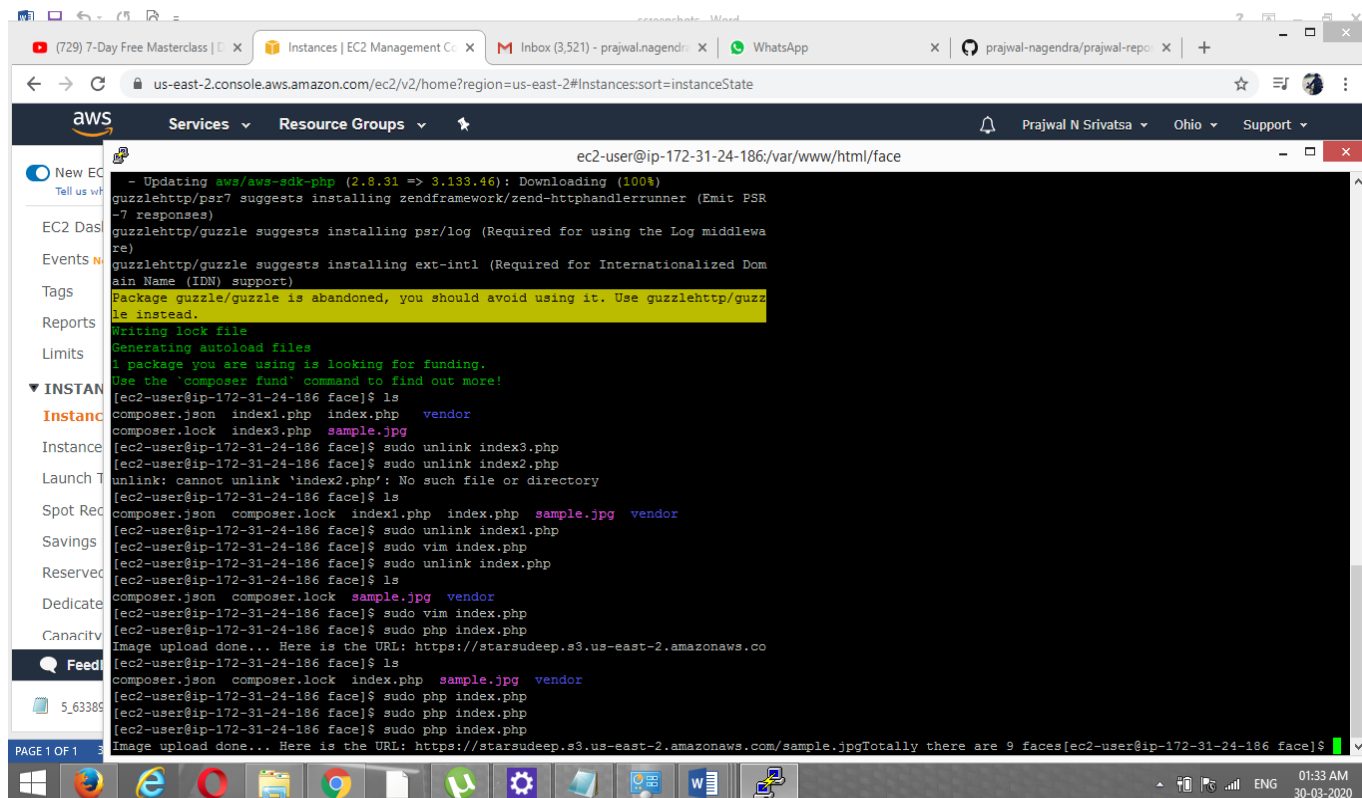


Image upload success



Face detect success

