

ETHNUS

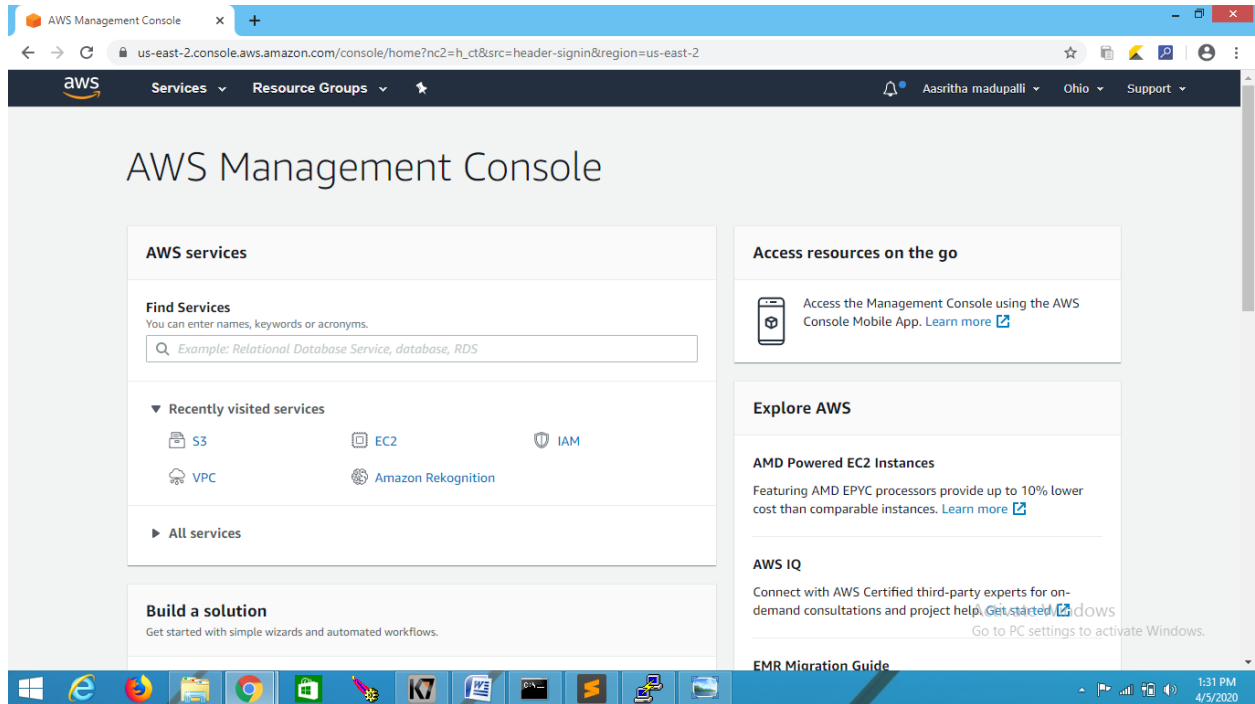
BUILDING A FACE DETECTION APP ON AWS

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VIT UNIVERSITY,VELLORE

SCREENSHOTS

SCREENSHOTS NEEDED FOR DASHBOARDS

1.AWS login screen with username



2. EC2 Dashboard

Welcome to the new EC2 console!
We're redesigning the EC2 console to make it easier to use and improve performance. We'll release new screens periodically. We encourage you to try them and let us know where we can make improvements. To switch between the old console and the new console, use the New EC2 Experience toggle.

Resources

You are using the following Amazon EC2 resources in the US East (Ohio) Region:

Resource	Count
Running instances	1
Elastic IPs	0
Dedicated Hosts	0
Snapshots	0
Volumes	1
Load balancers	0
Key pairs	2
Security groups	3
Placement groups	0

Account attributes

- Supported platforms
 - VPC
- Default VPC
 - vpc-c84d98a3
- Console experiments
- Settings

Explore AWS

Easily launch third-party applications on AWS
Go to PC settings to activate Windows.

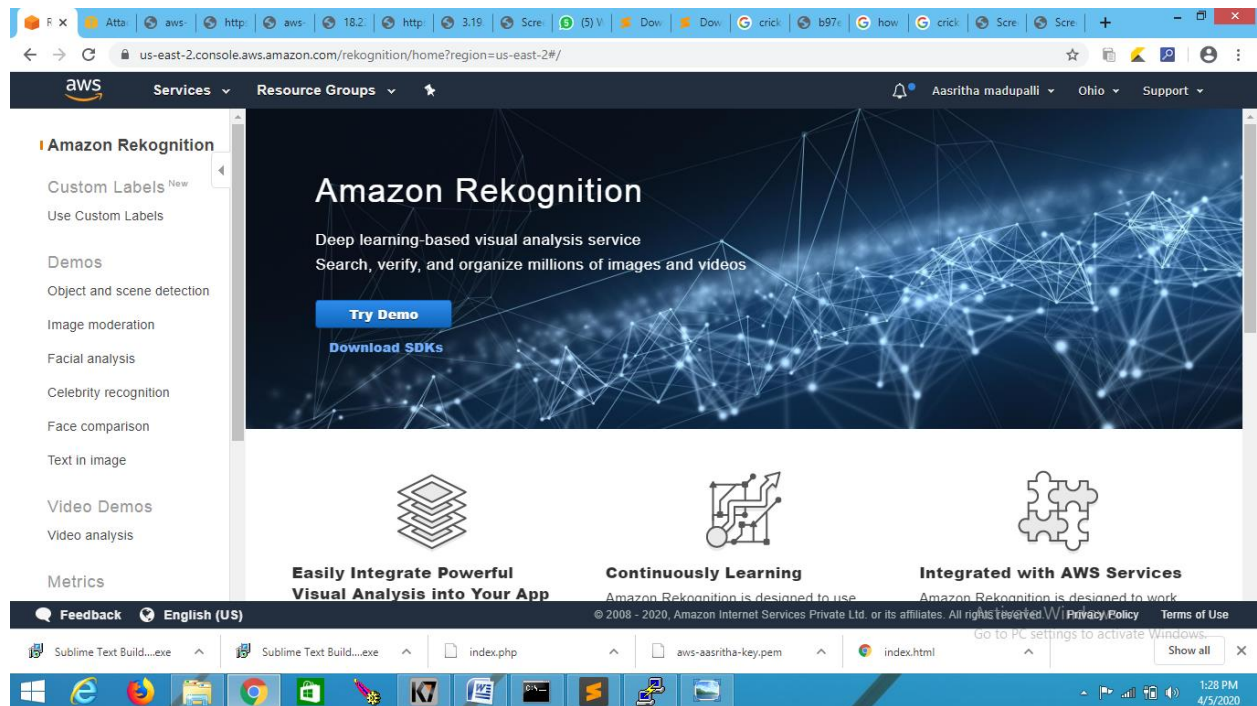
3. S3 Dashboard

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.

Buckets (2)

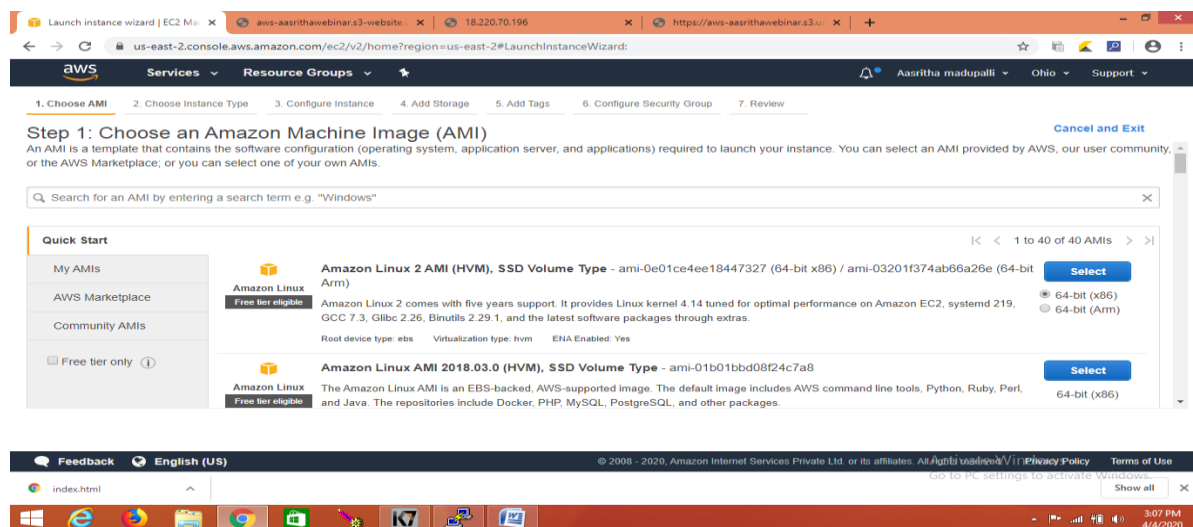
Name	Region	Access	Bucket created
aws-aasrithabucket	US East (Ohio) us-east-2	Objects can be public	2020-04-04T10:39:38.000Z
aws-aasrithawebinar	US East (Ohio) us-east-2	Objects can be public	2020-04-04T08:13:15.000Z

4. Recognition dashboard



Screenshots needed for EC2

1. Choosing an AMI



2.Choosing an Instance type

The screenshot shows the 'Step 2: Choose an Instance Type' page in the AWS Management Console. The breadcrumb trail indicates the current step is '2. Choose Instance Type'. The page title is 'Step 2: Choose an Instance Type'. Below the title, a paragraph explains that Amazon EC2 provides a wide selection of instance types optimized for different use cases. A 'Filter by:' section shows 'All instance types' selected. The 'Currently selected' section shows 't2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)'. A table lists instance types with columns: Family, Type, vCPUs, Memory (GiB), Instance Storage (GB), EBS-Optimized Available, Network Performance, and IPv6 Support. The 't2.micro' instance is highlighted with a 'Free tier eligible' badge. At the bottom, there are buttons for 'Cancel', 'Previous', 'Review and Launch', and 'Next: Configure Instance Details'.

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

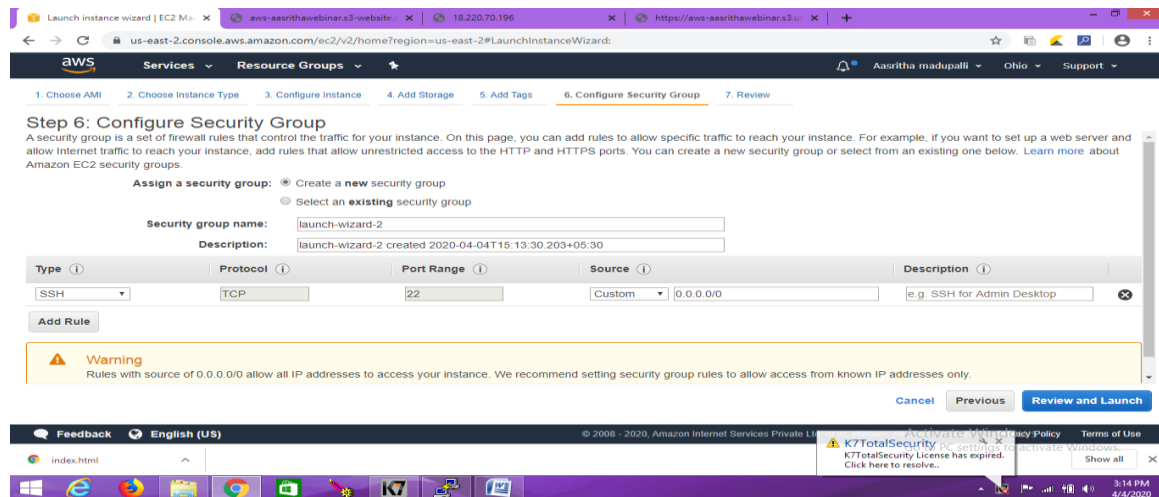
3.Adding storage

The screenshot shows the 'Step 4: Add Storage' page in the AWS Management Console. The breadcrumb trail indicates the current step is '4. Add Storage'. The page title is 'Step 4: Add Storage'. Below the title, a paragraph explains that the instance will be launched with the following storage device settings. A table lists storage settings with columns: Volume Type, Device, Snapshot, Size (GiB), Volume Type, IOPS, Throughput (MB/s), Delete on Termination, and Encryption. The 'Root' volume is shown with a size of 8 GiB and 'General Purpose SSD (gp2)' type. At the bottom, there are buttons for 'Cancel', 'Previous', 'Review and Launch', and 'Next: Add Tags'. A blue box contains a note about the free tier eligible customers.

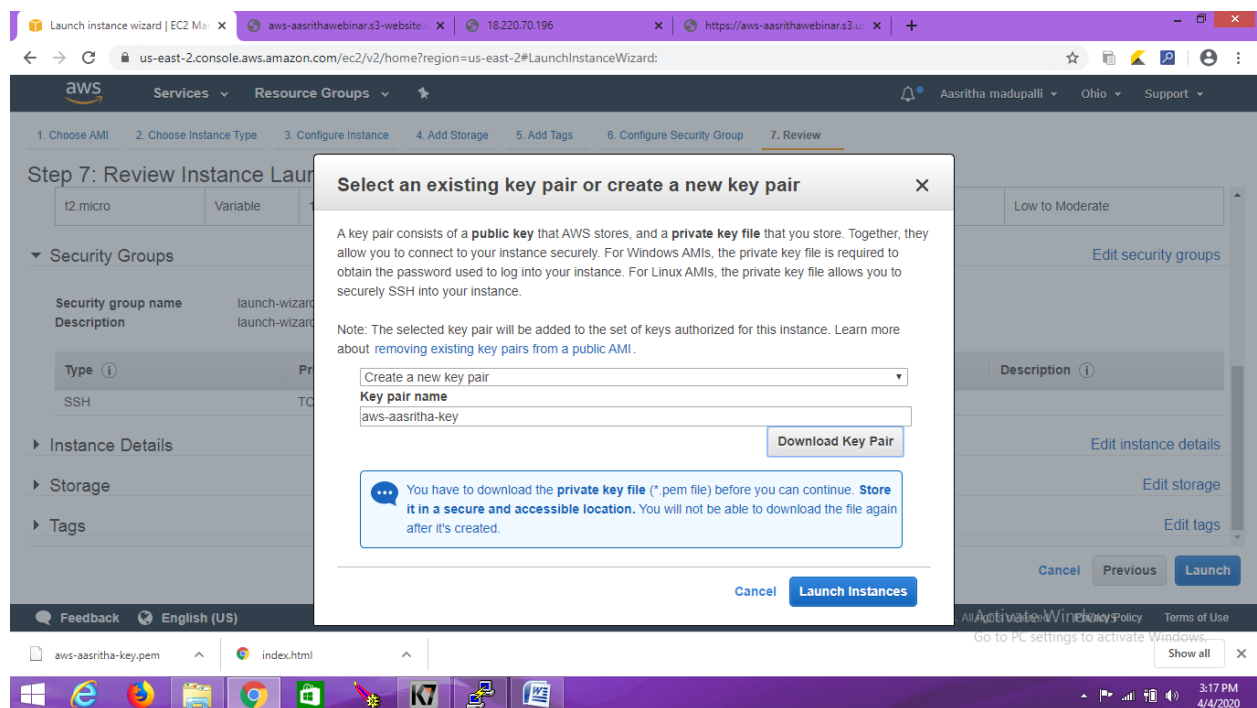
Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/xvda	snap-0f54692056aaa4c20	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypt

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.

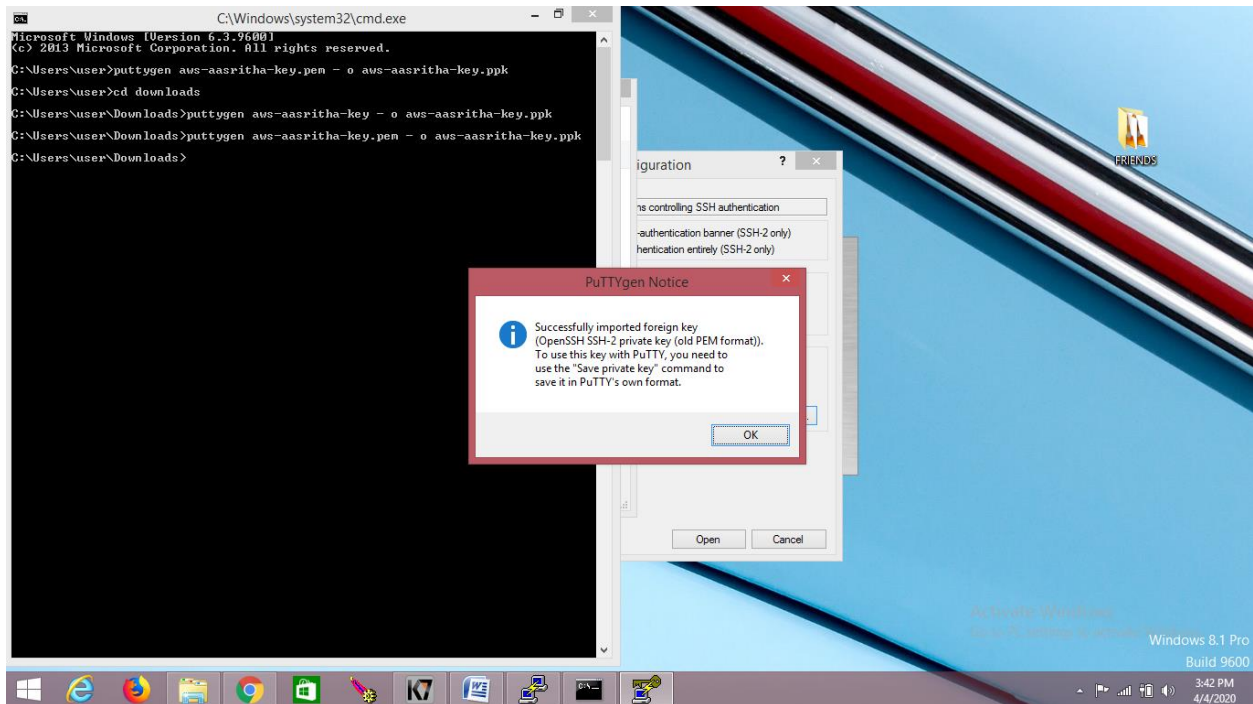
4. Configuring security group



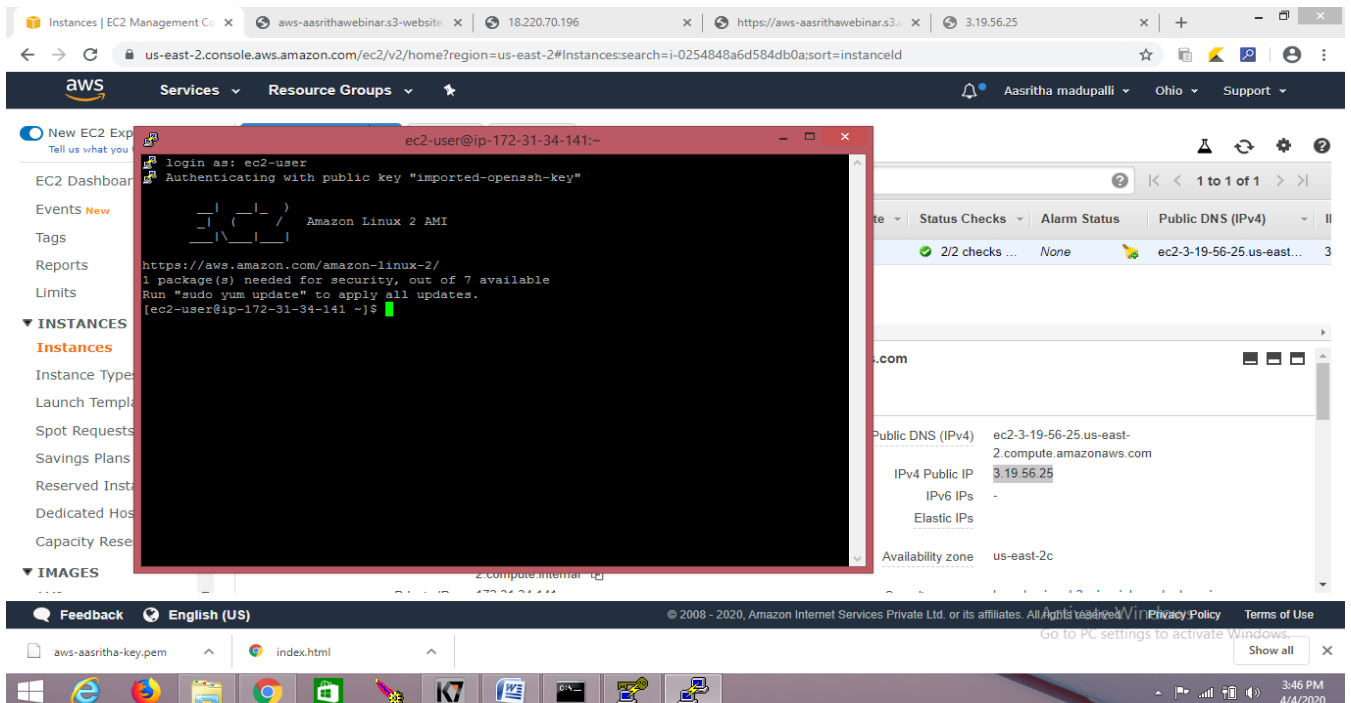
5. Key pair download



6. Puttygen conversion from pem to ppk

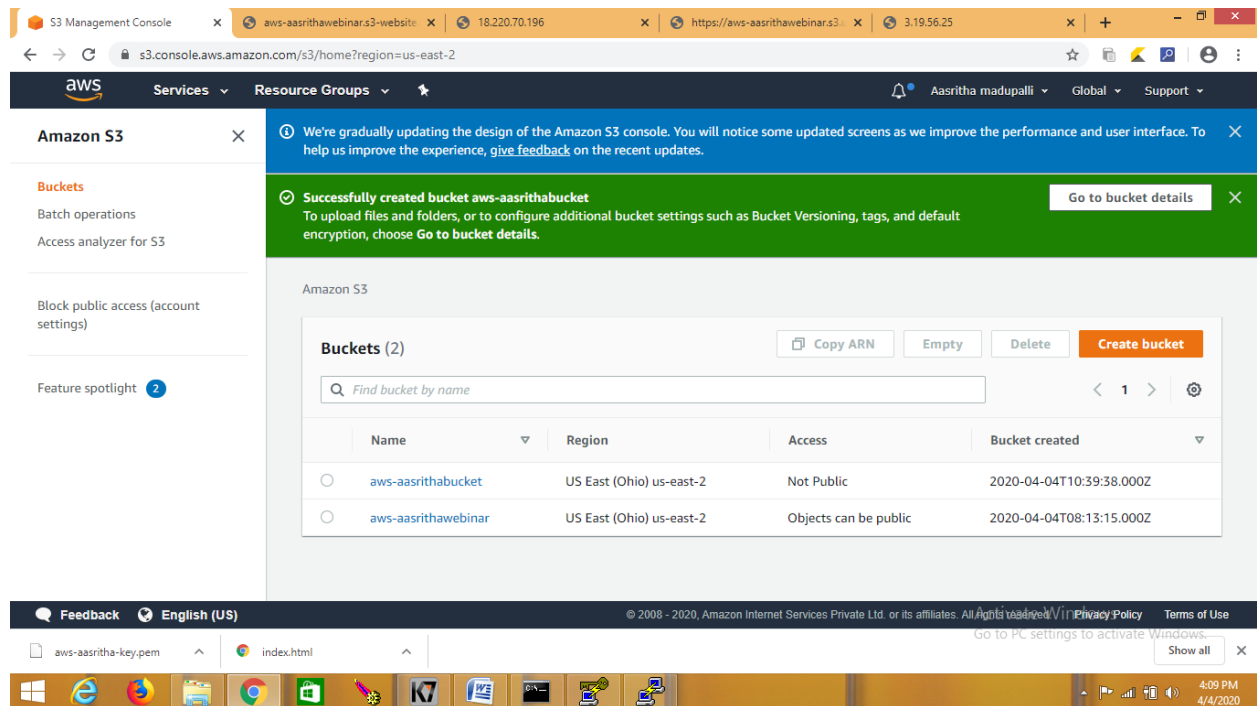


7. Logged in EC2 black screen

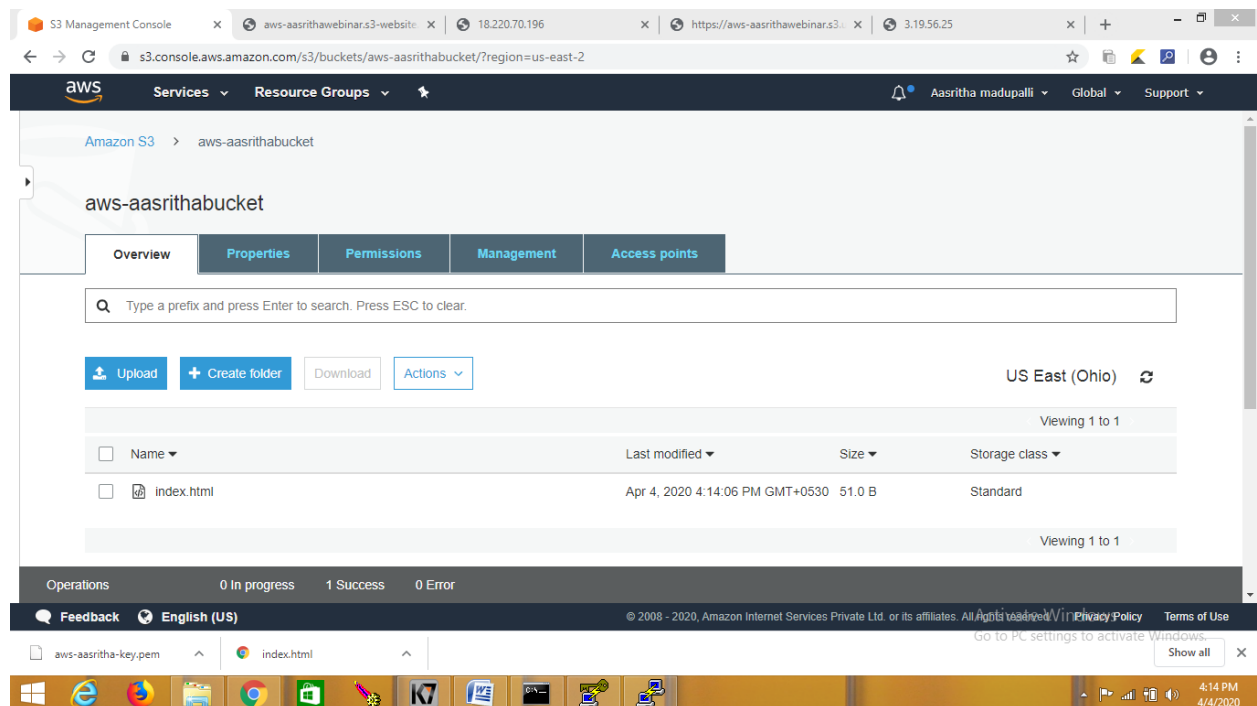


Screenshots needed for S3

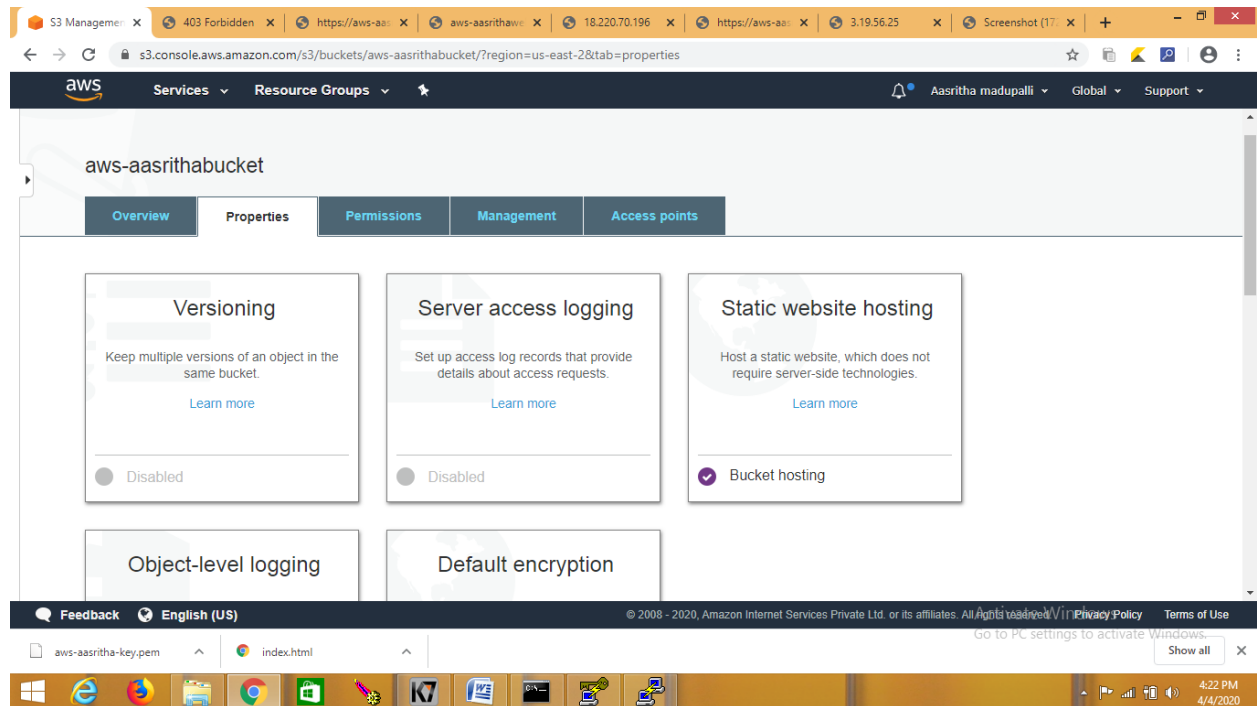
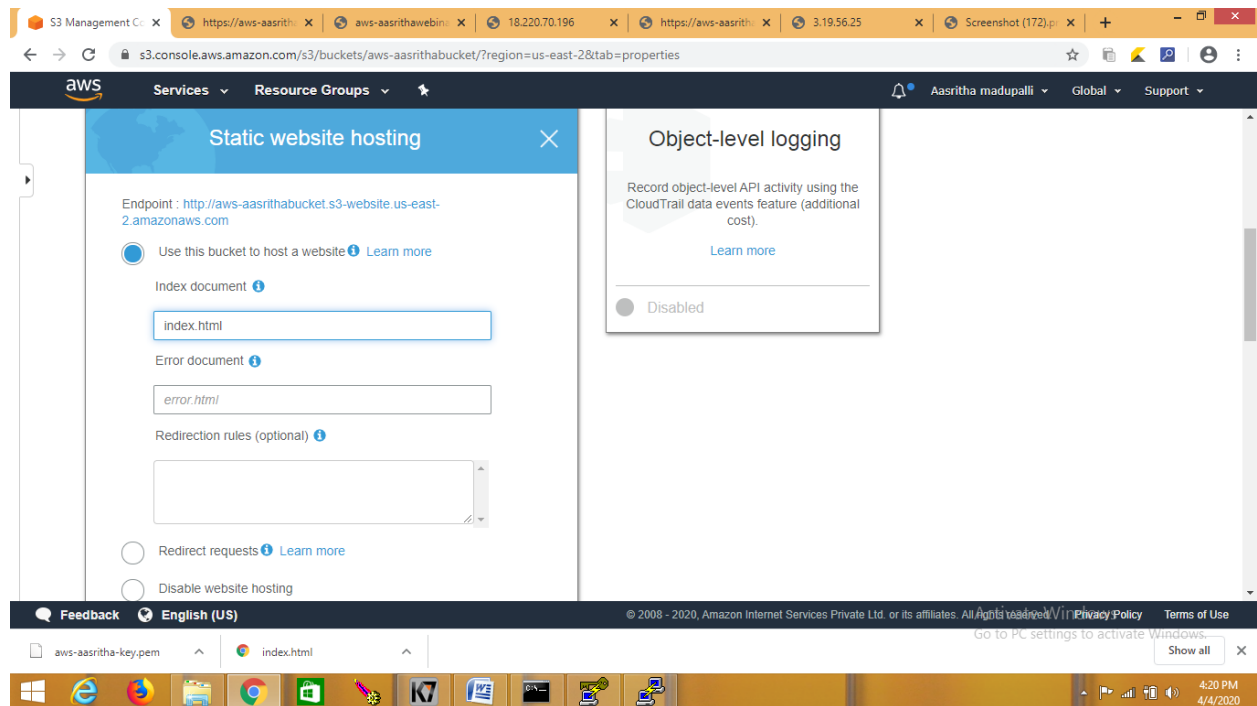
1. Creating a bucket



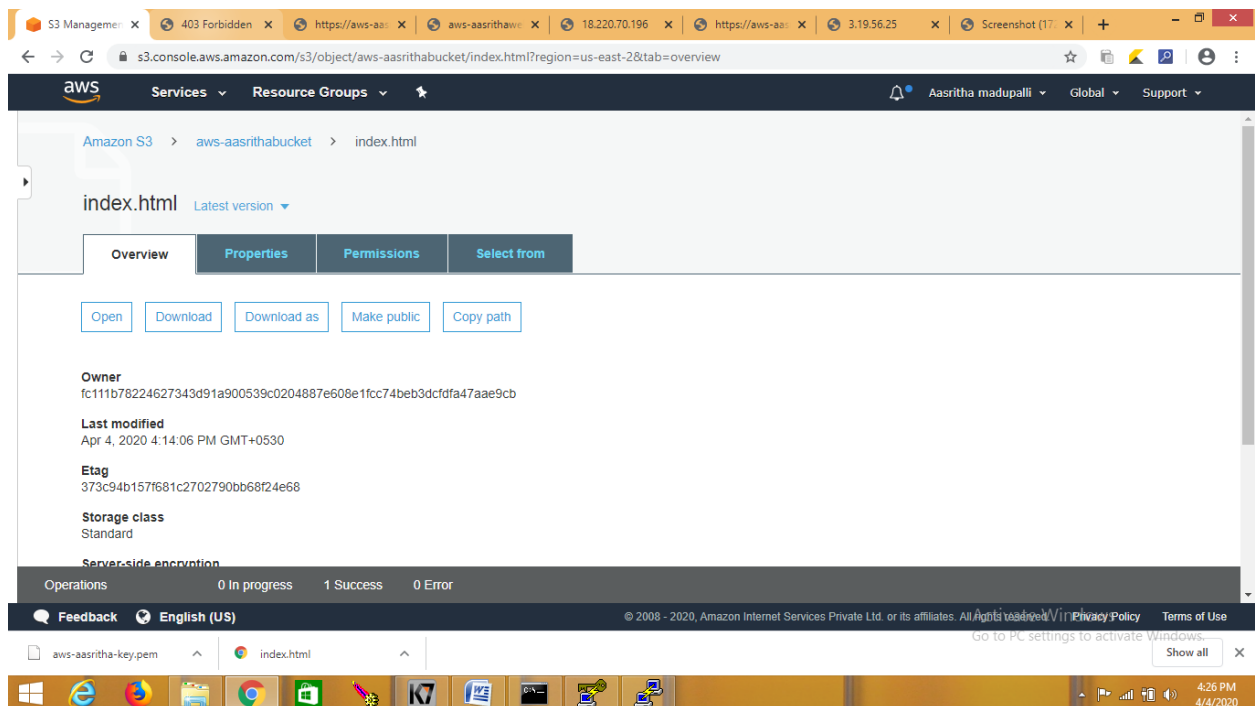
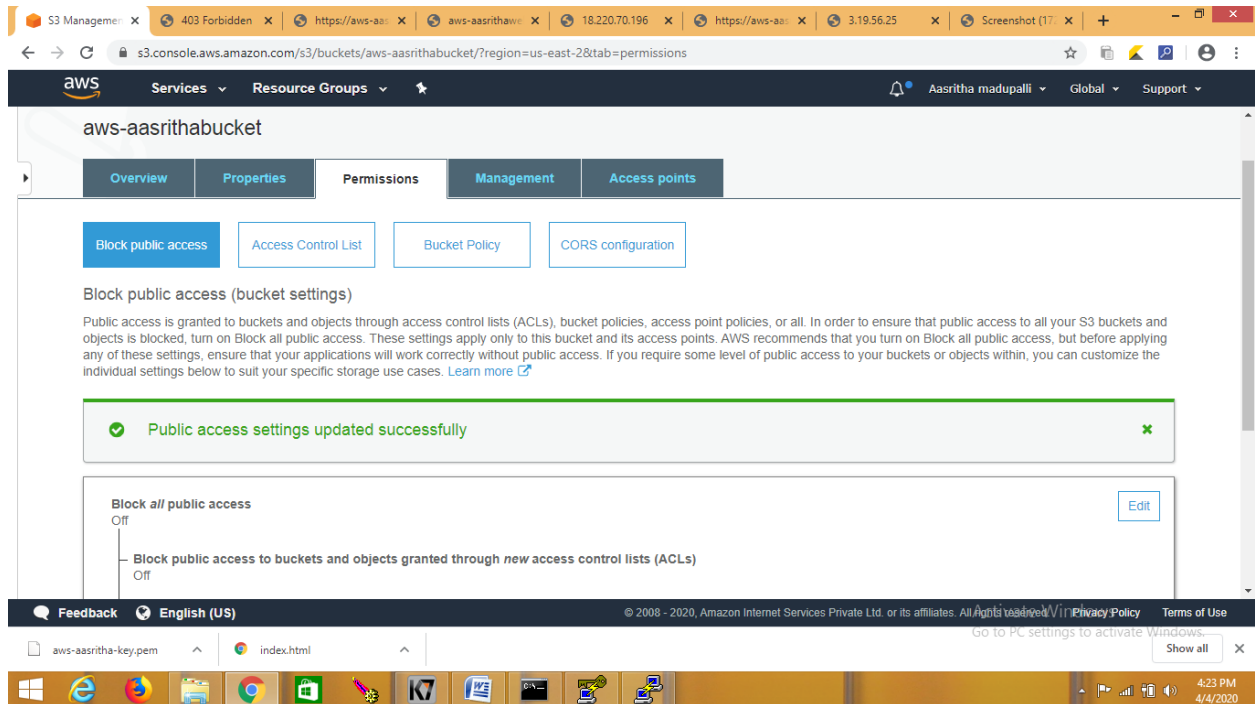
2. Uploading an object



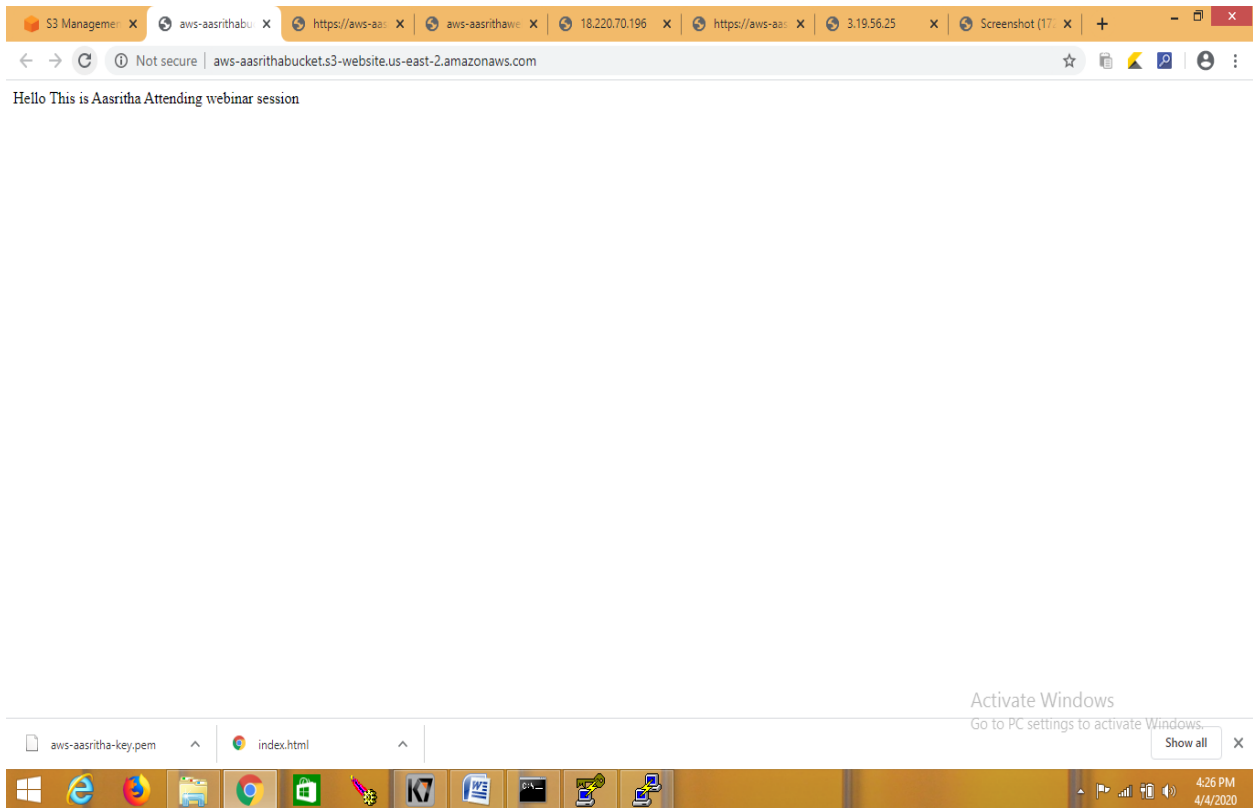
3. Enabling static website



4. Making the object public

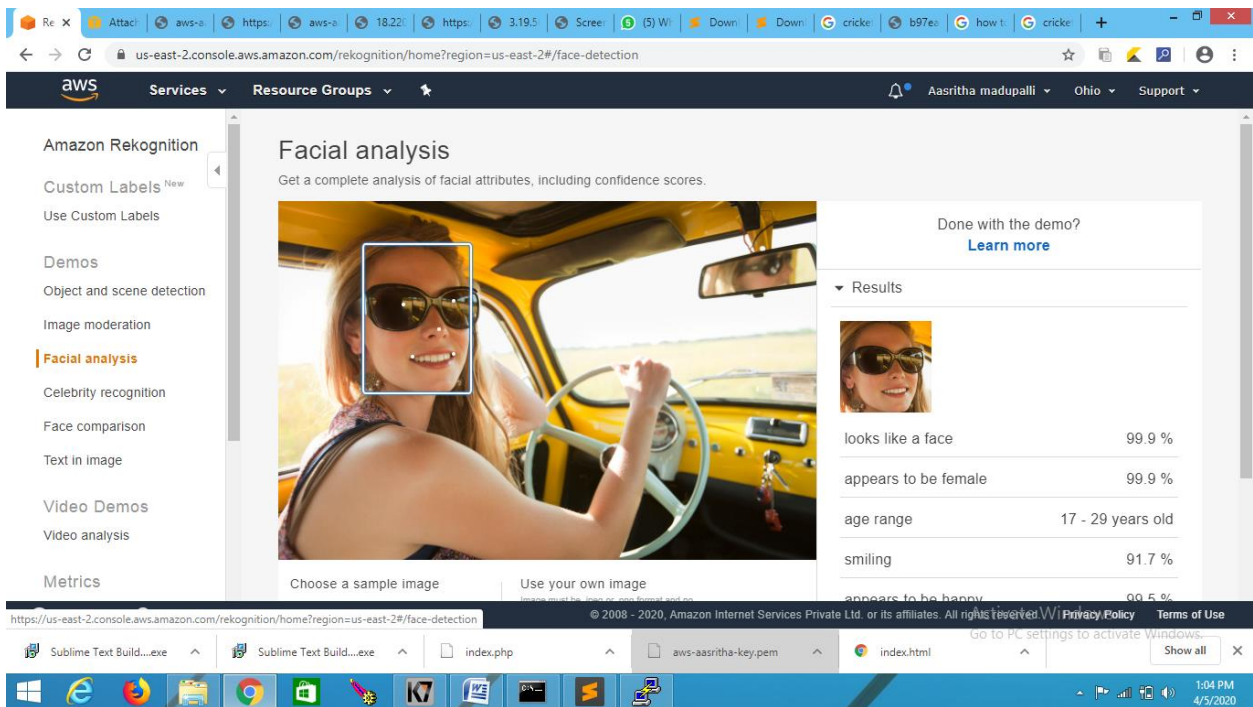


5. Checking the S3 link on the browser



Screenshots needed for rekognition

1.Face detect



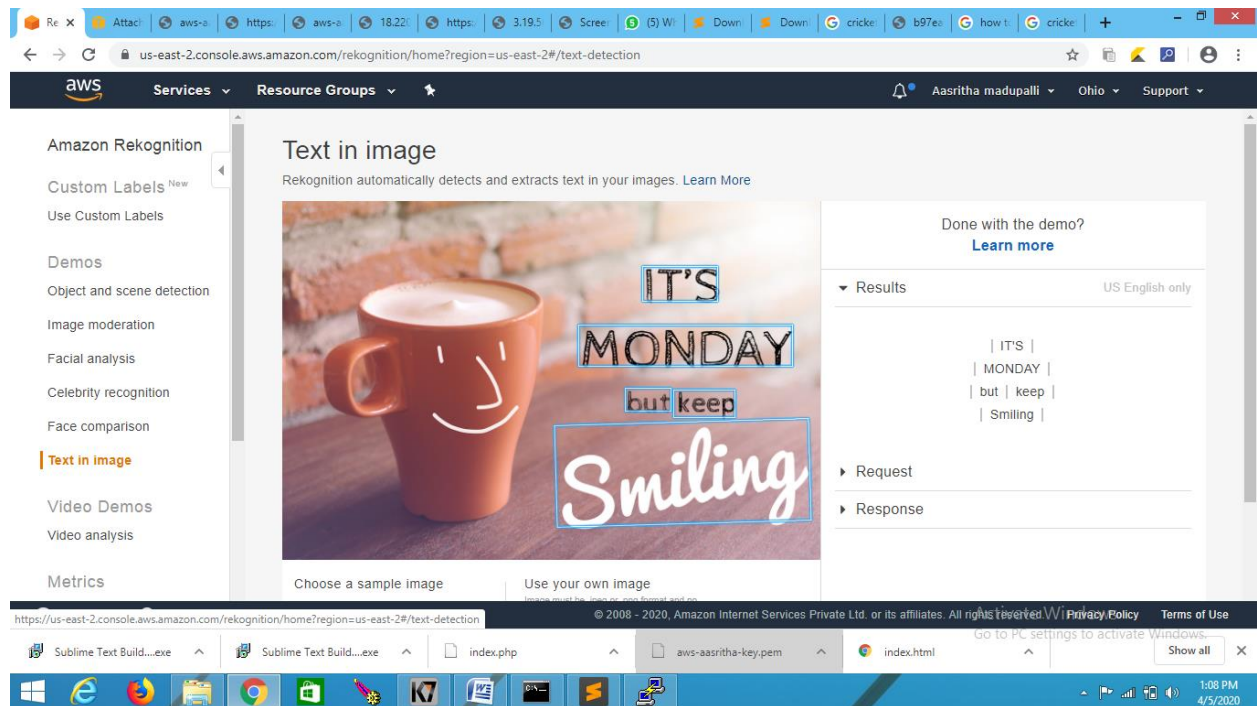
2.Face compare

The screenshot shows the AWS Rekognition console's 'Face comparison' demo. The interface is divided into three main sections: a left sidebar with navigation links, a central image upload area, and a right results panel. The sidebar includes links for 'Amazon Rekognition', 'Custom Labels', 'Demos', and various services like 'Object and scene detection', 'Image moderation', 'Facial analysis', 'Celebrity recognition', and 'Face comparison' (which is currently selected). The central area has a 'Reference face' slot and a 'Comparison faces' slot, both with 'Choose a sample image' buttons. The results panel on the right shows a comparison of two identical images of a woman, resulting in a 'Similarity' of 99.8%. It also includes a 'Done with the demo?' link and a 'Results' section with a 'Show all' button. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 1:06 PM on 4/5/2020.

3.Celebrity Recognition

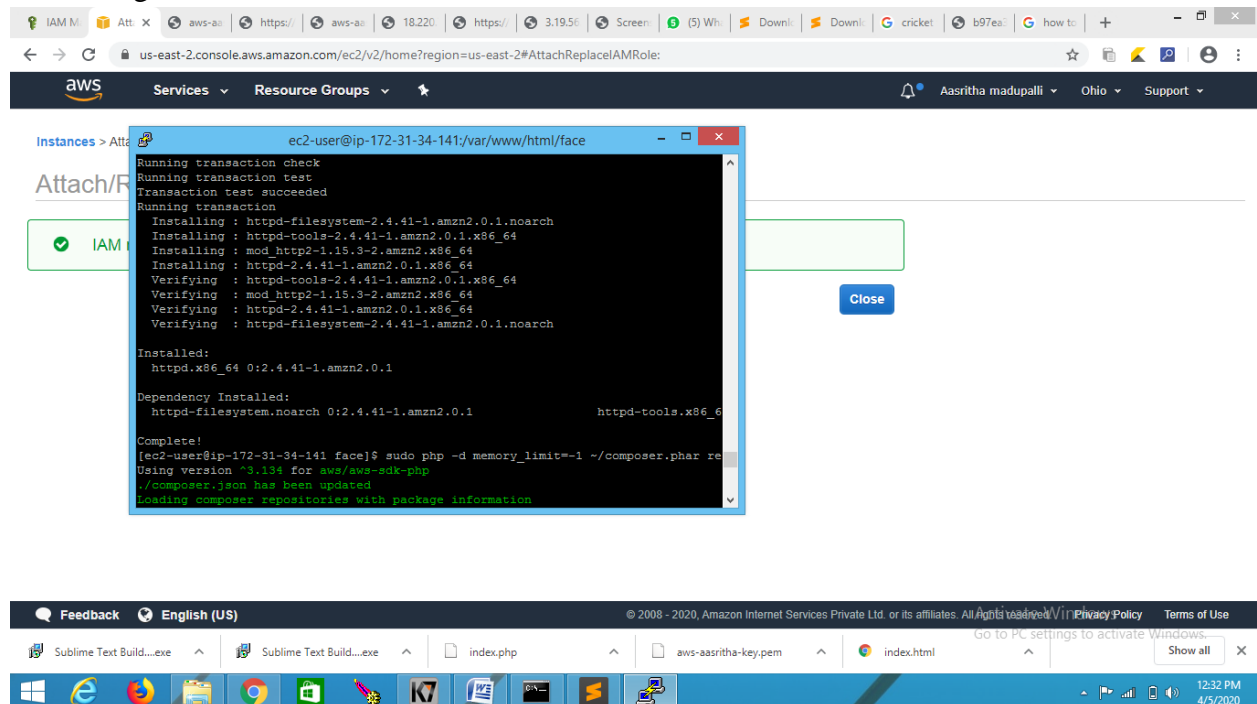
The screenshot shows the AWS Rekognition console's 'Celebrity recognition' demo. The interface is similar to the Face comparison demo, with a left sidebar, a central image upload area, and a right results panel. The sidebar has 'Celebrity recognition' selected under the 'Demos' section. The central area features a 'Choose a sample image' button and a 'Use your own image' button. The results panel on the right displays a recognized celebrity, Jeff Bezos, with a 'Match confidence' of 100%. It also includes a 'Done with the demo?' link, a 'Results' section, and expandable sections for 'Request' and 'Response'. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 1:07 PM on 4/5/2020.

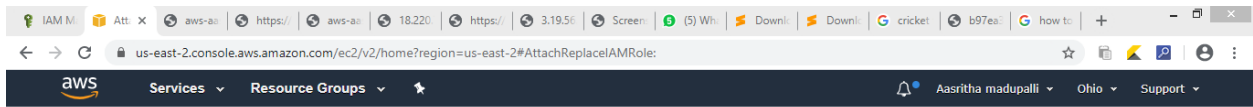
4. Text in image



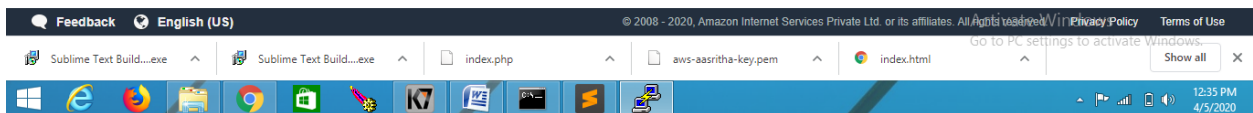
Screenshots needed for EC2 & S3

1. Installing aws-sdk

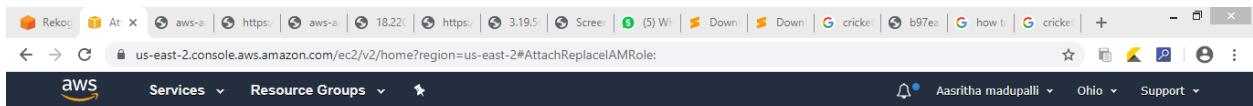




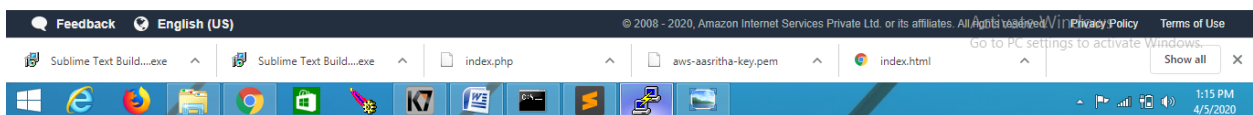
```
ec2-user@ip-172-31-34-141:/var/www/html/face$ httpd-tools.x86_64
Complete!
[ec2-user@ip-172-31-34-141 face]$ sudo php -d memory_limit=-1 ~/composer.phar re
Using version ^3.134 for aws/aws-sdk-php
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 7 installs, 1 update, 0 removals
- Installing symfony/polyfill-mbstring (v1.15.0): Downloading (100%)
- Installing mtdowling/jmespath.php (2.5.0): Downloading (100%)
- Installing guzzlehttp/promises (v1.3.1): Downloading (100%)
- Installing ralouphie/getallheaders (3.0.3): Downloading (100%)
- Installing psr/http-message (1.0.1): Downloading (100%)
- Installing guzzlehttp/psr7 (1.6.1): Downloading (100%)
- Installing guzzlehttp/guzzle (6.5.2): Downloading (100%)
- Updating aws/aws-sdk-php (2.8.31 => 3.134.3): Downloading (100%)
guzzlehttp/psr7 suggests installing zendframework/zend-httpdierrunner (Emit E
guzzlehttp/guzzle suggests installing psr/log (Required for using the Log middle
guzzlehttp/guzzle suggests installing ext-intl (Required for Internationalized D
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/gu
Writing lock file
Generating autoload files
! package you are using is looking for funding.
```

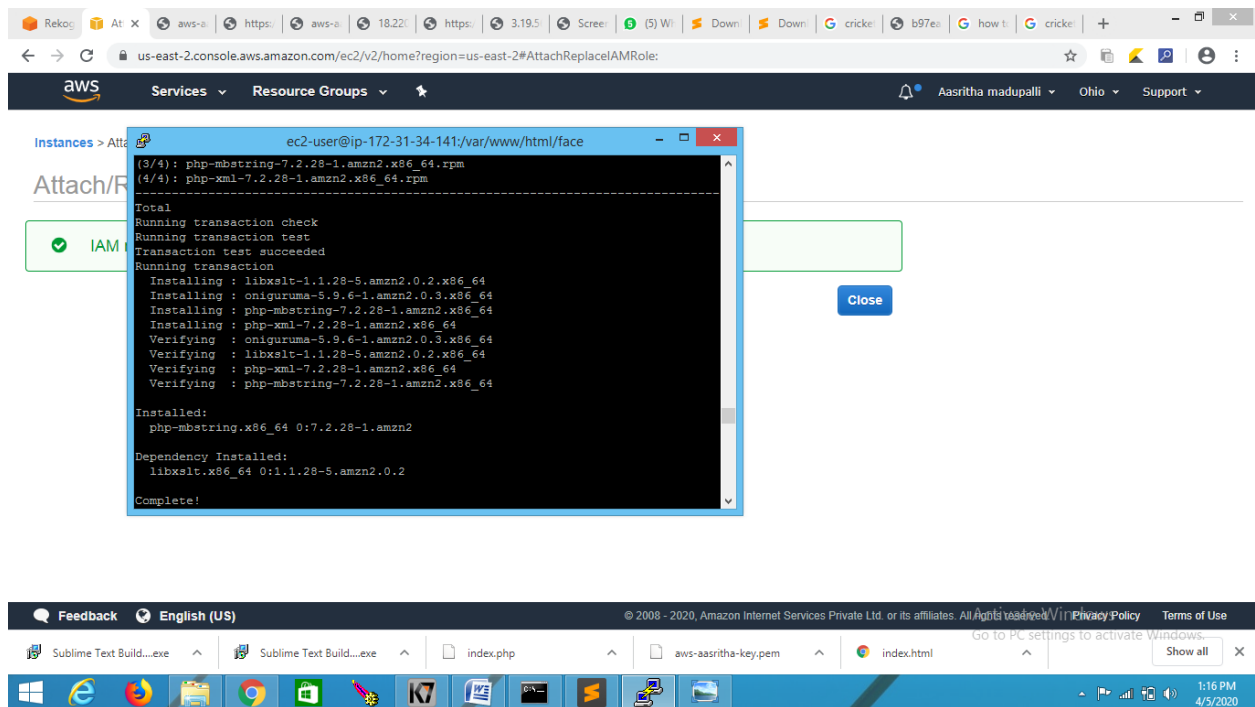


2. Installing php

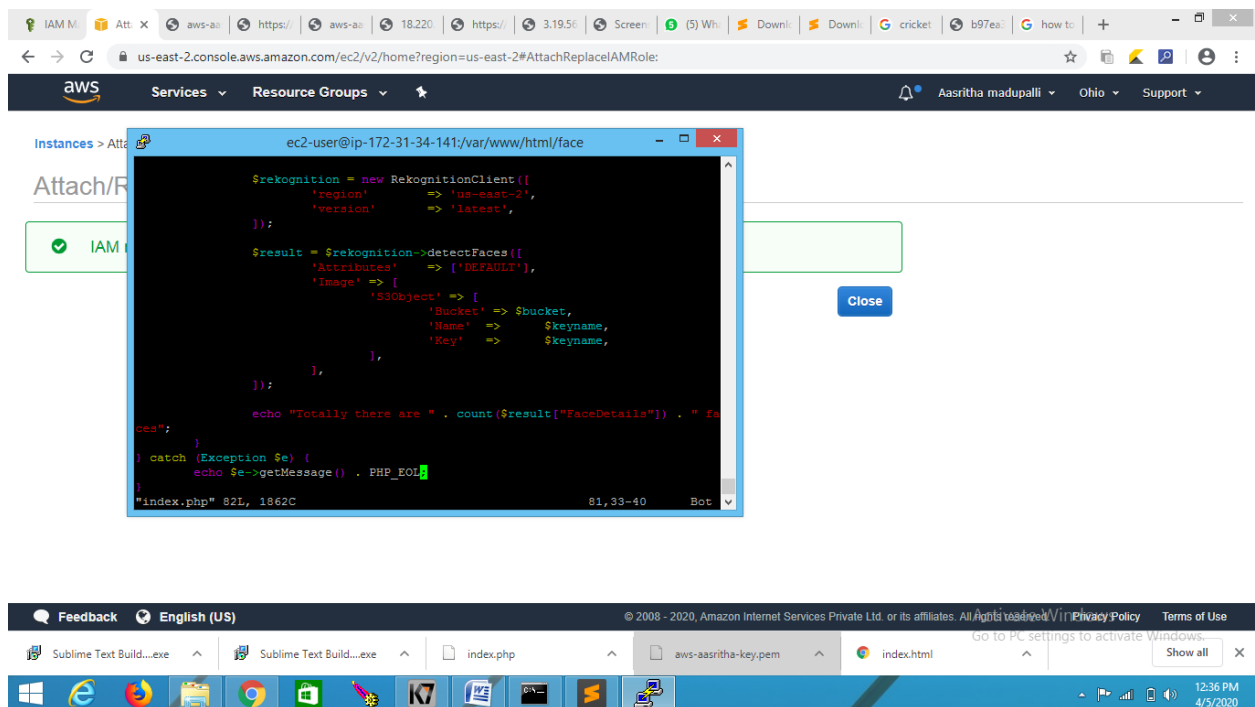


```
ec2-user@ip-172-31-34-141:/var/www/html/face$ php7.4
[ec2-user@ip-172-31-34-141 face]$ sudo yum install php-json php-cli php-
Loaded plugins: extras suggestions, langpacks, priorities, update-mo
Package php-json-7.2.28-1.amzn2.x86_64 already installed and latest version
Package php-cli-7.2.28-1.amzn2.x86_64 already installed and latest version
Resolving Dependencies
--> Running transaction check
--> Package php-mbstring.x86_64 0:7.2.28-1.amzn2 will be installed
--> Processing Dependency: libonig.so.2()(64bit) for package: php-mbstring-7.2.2
--> Package php-xml.x86_64 0:7.2.28-1.amzn2 will be installed
--> Processing Dependency: libxslt.so.1(LIBXML2_1.0.24)(64bit) for package: php-
--> Processing Dependency: libxslt.so.1(LIBXML2_1.0.22)(64bit) for package: php-
--> Processing Dependency: libxslt.so.1(LIBXML2_1.0.18)(64bit) for package: php-
--> Processing Dependency: libxslt.so.1(LIBXML2_1.0.13)(64bit) for package: php-
--> Processing Dependency: libxslt.so.1(LIBXML2_1.0.11)(64bit) for package: php-
--> Processing Dependency: libxslt.so.1()(64bit) for package: php-xml-7.2.28-1.a
--> Processing Dependency: libxslt.so.0()(64bit) for package: php-xml-7.2.28-1.
--> Running transaction check
--> Package libxslt.x86_64 0:1.1.28-5.amzn2.0.2 will be installed
--> Package oniguruma.x86_64 0:5.9.6-1.amzn2.0.3 will be installed
--> Finished Dependency Resolution
Dependencies Resolved
```

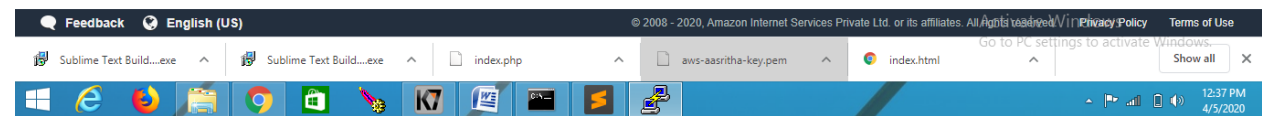
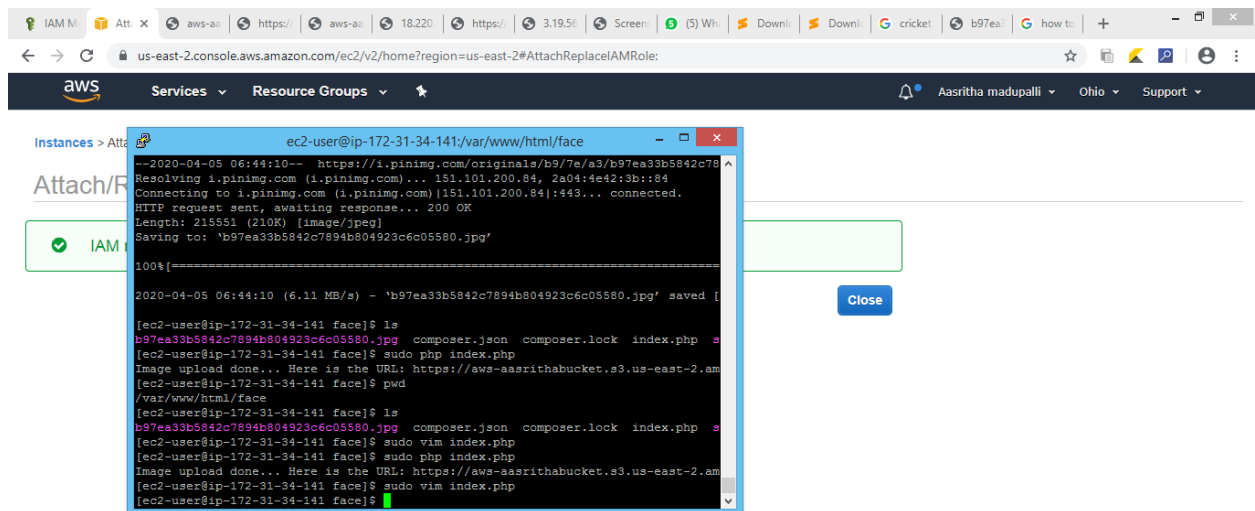




3.index.php file code



4.Success screenshot



Screenshots needed for EC2 and Recognition

1.Face detect success screenshot

