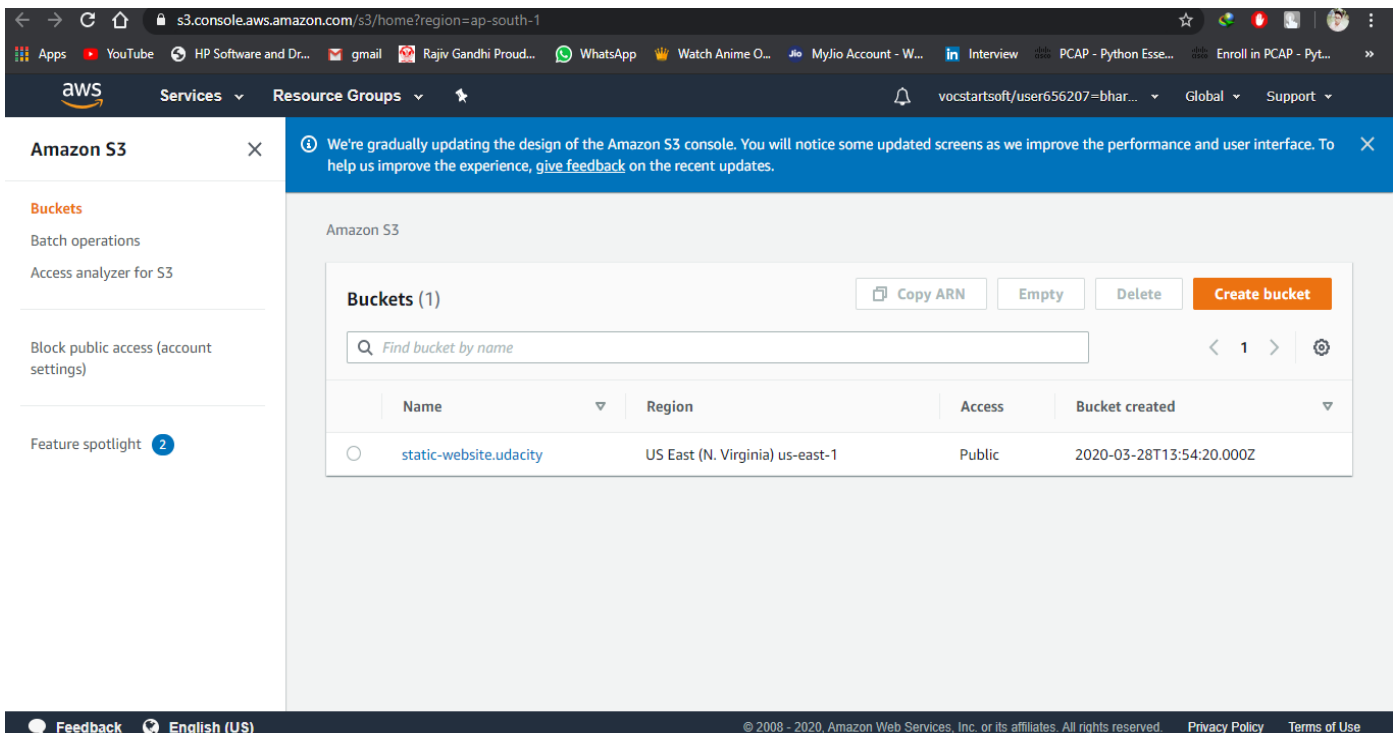


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Project 1: Deploy Static website on AWS.

1. Create S3 Bucket: Created the S3 bucket with the name “static-website.udacity”

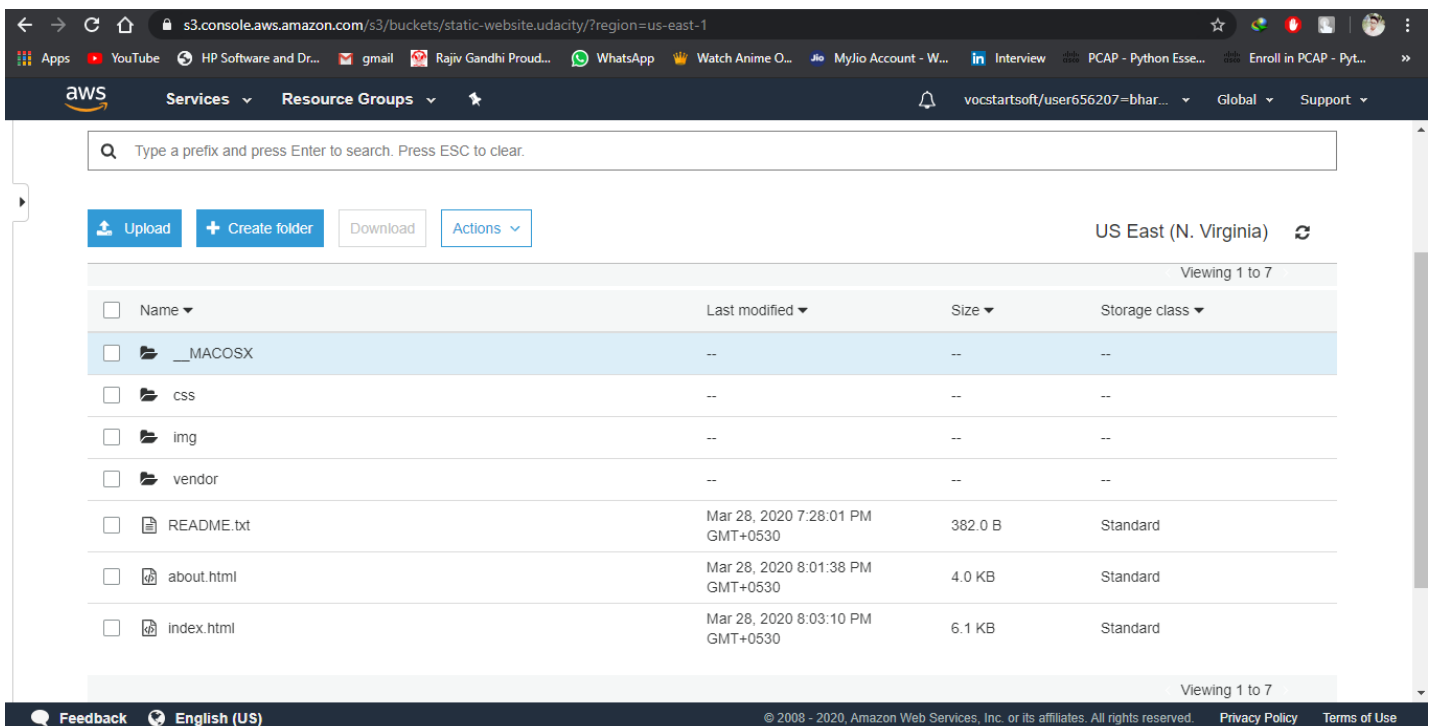


The screenshot shows the Amazon S3 console interface. On the left, the 'Amazon S3' sidebar is visible with options like 'Buckets', 'Batch operations', and 'Access analyzer for S3'. The main content area displays a notification about console updates and a table of buckets. The table has one entry: 'static-website.udacity' in the 'US East (N. Virginia) us-east-1' region, with 'Public' access and a creation time of '2020-03-28T13:54:20.000Z'.

Name	Region	Access	Bucket created
static-website.udacity	US East (N. Virginia) us-east-1	Public	2020-03-28T13:54:20.000Z

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2. Upload Project files into the S3 bucket.



The screenshot shows the Amazon S3 console interface for the 'static-website.udacity' bucket. The top bar includes a search bar and buttons for 'Upload', 'Create folder', 'Download', and 'Actions'. The main content area displays a table of objects. The table has columns for 'Name', 'Last modified', 'Size', and 'Storage class'. The objects listed are: '\_\_MACOSX', 'css', 'img', 'vendor', 'README.txt', 'about.html', and 'index.html'. The 'README.txt', 'about.html', and 'index.html' files are shown with their respective sizes and storage classes.

Name	Last modified	Size	Storage class
__MACOSX	--	--	--
css	--	--	--
img	--	--	--
vendor	--	--	--
README.txt	Mar 28, 2020 7:28:01 PM GMT+0530	382.0 B	Standard
about.html	Mar 28, 2020 8:01:38 PM GMT+0530	4.0 KB	Standard
index.html	Mar 28, 2020 8:03:10 PM GMT+0530	6.1 KB	Standard

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### 3. Secure the S3 bucket via IAM

Block public access

Access Control List

Bucket Policy

CORS configuration

Bucket policy editor ARN: arn:aws:s3:::static-website.udacity

DeleteCancelSave

12

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "AddPerm",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::static-website.udacity/*"
    }
  ]
}
```

[Documentation](#) [Policy generator](#)

### 4. Configure S3 Bucket

aws

Services

Resource Groups

vocstartsoft/user656207=bhar...

Global

Support

Static website hosting

Endpoint : <http://static-website.udacity.s3-website-us-east-1.amazonaws.com>

☒ Use this bucket to host a website [Learn more](#)

Index document [i](#)

Error document [i](#)

Redirection rules (optional) [i](#)

☐ Redirect requests [Learn more](#)

☐ Disable website hosting

Object-level logging

Record object-level API activity using the CloudTrail data events feature (additional cost).

[Learn more](#)

☐ Disabled

[Amazon S3](#) > [static-website.udacity](#)

static-website.udacity

OverviewPermissionsManagementAccess points

Properties

Versioning

Keep multiple versions of an object in the same bucket.

[Learn more](#)

☐ Disabled

Server access logging

Set up access log records that provide details about access requests.

[Learn more](#)

☐ Disabled

Static website hosting

Host a static website, which does not require server-side technologies.

[Learn more](#)

☒ Bucket hosting

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## 5. Distribute website via cloud front

Handle redirects for end users with Lambda@Edge. [Learn more](#)

## CloudFront Distributions

Create Distribution									
Distribution Settings									
Delete									
Enable									
Disable									
Viewing : Any Delivery Method Any State									
Viewing 1 to 1 of 1 Items									
	Delivery Method	ID	Domain Name	C	Origin	C	Status	State	Last Modified
<input type="checkbox"/>	Web	E20CM9K1RHJ6HU	d1n7i05kaynmj8.cloudfront.net	-	static-website.udacity.s3.am	-	Deployed	Enabled	2020-03-28 20:38 L
Viewing 1 to 1 of 1 Items									

## 6. Travel Blog Website (Website display in Browser)



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## 7. Customization – added about.html

