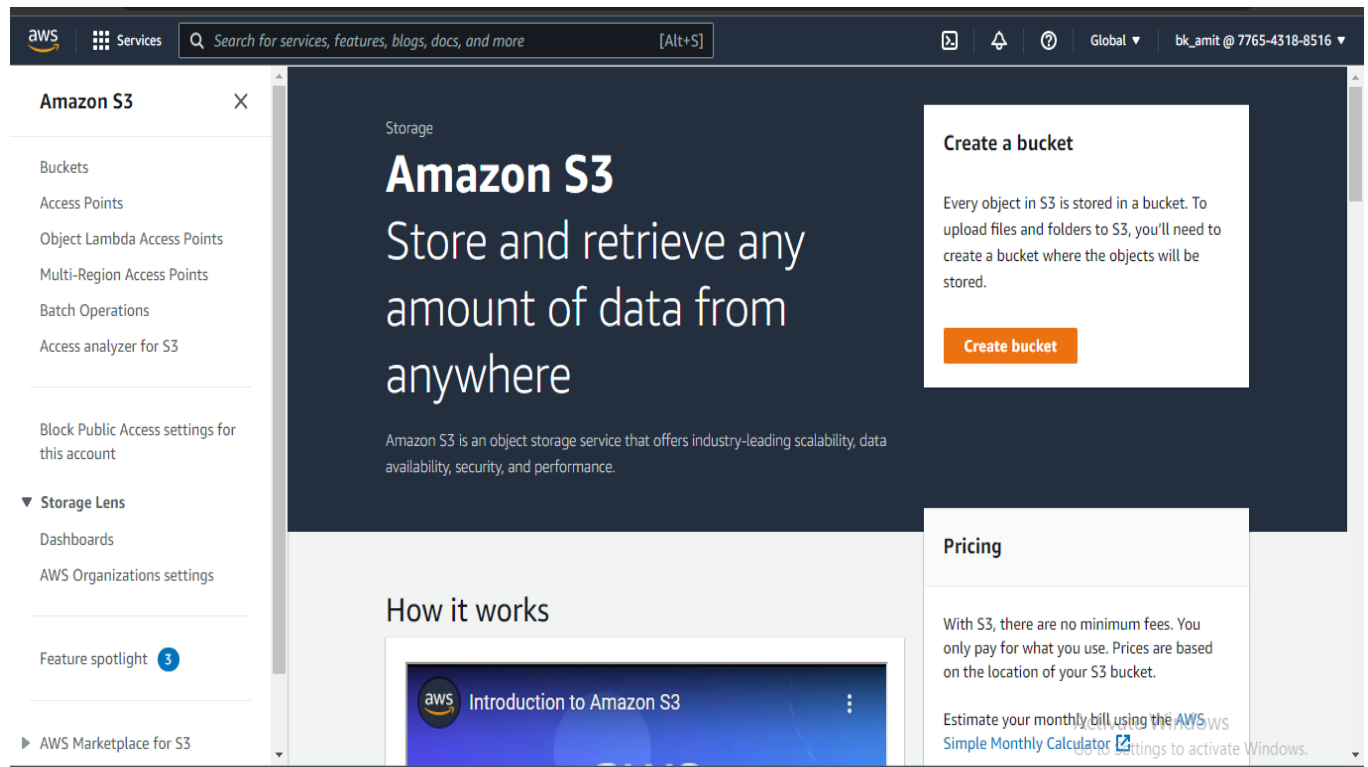


Static Website Hosting on S3

The steps to host the static website on the s3 are as follows:-

1. Sign in to aws console and open s3 dashboard.



2. Choose the option to 'create bucket' to create new bucket.

2.1 Enter bucket name and choose the region according to your requirements.

Services

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[Alt+S]

Global

blk_amit @ 7765-4318-8516

Amazon S3 > Buckets > Create bucket

Create bucket [Info](#)

Buckets are containers for data stored in S3. [Learn more](#)

General configuration

Bucket name

amitbucket123

Bucket name must be unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

AWS Region

US East (N. Virginia) us-east-1

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Object Ownership [Info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

Feedback

English (US)

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3. All your bucket for public access by unchecking the option of Block Public access.

and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☐ Block all public access

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☐ Block public access to buckets and objects granted through **new** access control lists (ACLs)

S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

☐ Block public access to buckets and objects granted through **any** access control lists (ACLs)

S3 will ignore all ACLs that grant public access to buckets and objects.

☐ Block public access to buckets and objects granted through **new** public bucket or access point policies

S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

☐ Block public and cross-account access to buckets and objects through **any** public bucket or access point policies

S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Turning off block all public access might result in this bucket and the objects within becoming public

AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☐ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

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4. After all configuration choose the option to 'create bucket'.

The screenshot shows the 'Create bucket' configuration page in the AWS Management Console. At the top, it states 'No tags associated with this bucket.' with an 'Add tag' button. Below this is the 'Default encryption' section, which says 'Automatically encrypt new objects stored in this bucket.' and has a 'Learn more' link. Under 'Server-side encryption', the 'Disable' radio button is selected. There is an 'Advanced settings' section with a right-pointing arrow. At the bottom, a blue box contains a tip: 'After creating the bucket you can upload files and folders to the bucket, and configure additional bucket settings.' The bottom right has 'Cancel' and 'Create bucket' buttons. An 'Activate Windows' watermark is visible in the bottom right corner.

5. After creating the bucket the bucket will be visible to in s3 dashboard itself

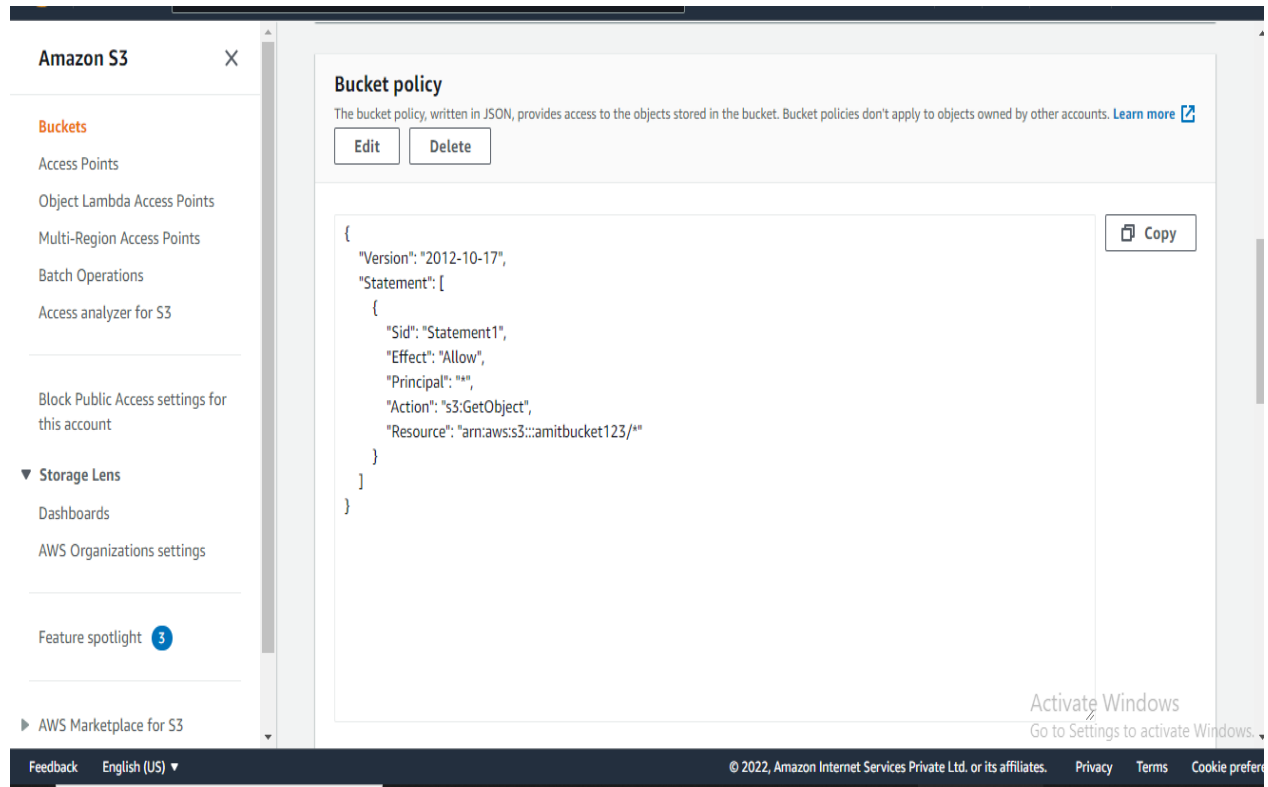
The screenshot shows the Amazon S3 Buckets dashboard. The left sidebar has a 'Buckets' section with links to 'Access Points', 'Object Lambda Access Points', 'Multi-Region Access Points', 'Batch Operations', and 'Access analyzer for S3'. Below this is 'Storage Lens' with links to 'Dashboards' and 'AWS Organizations settings'. At the bottom is 'Feature spotlight' with a '3' icon. The main content area shows an 'Account snapshot' with a 'View Storage Lens dashboard' button. Below this is a table of buckets. The table has columns for 'Name', 'AWS Region', 'Access', and 'Creation date'. There are two buckets listed: 'amitbucket123' and 'shat-1'. The 'amitbucket123' bucket is public, while 'shat-1' is private. The 'Create bucket' button is visible in the top right of the bucket list.

Name	AWS Region	Access	Creation date
amitbucket123	US East (N. Virginia) us-east-1	Public	March 29, 2022, 21:34:05 (UTC+05:30)
shat-1	US East (N. Virginia) us-east-1	Only authorized users of this account	March 7, 2022, 22:16:54 (UTC+05:30)

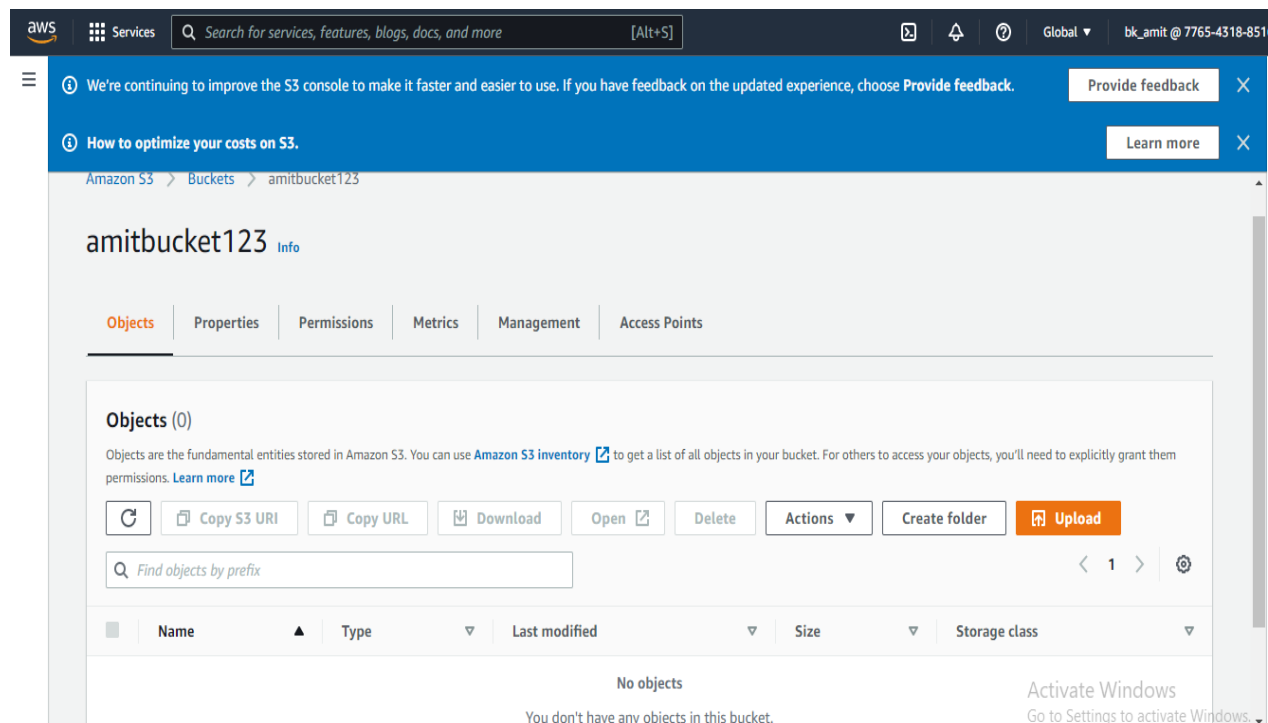
6. If the bucket is showing the public access then you can follow these steps.

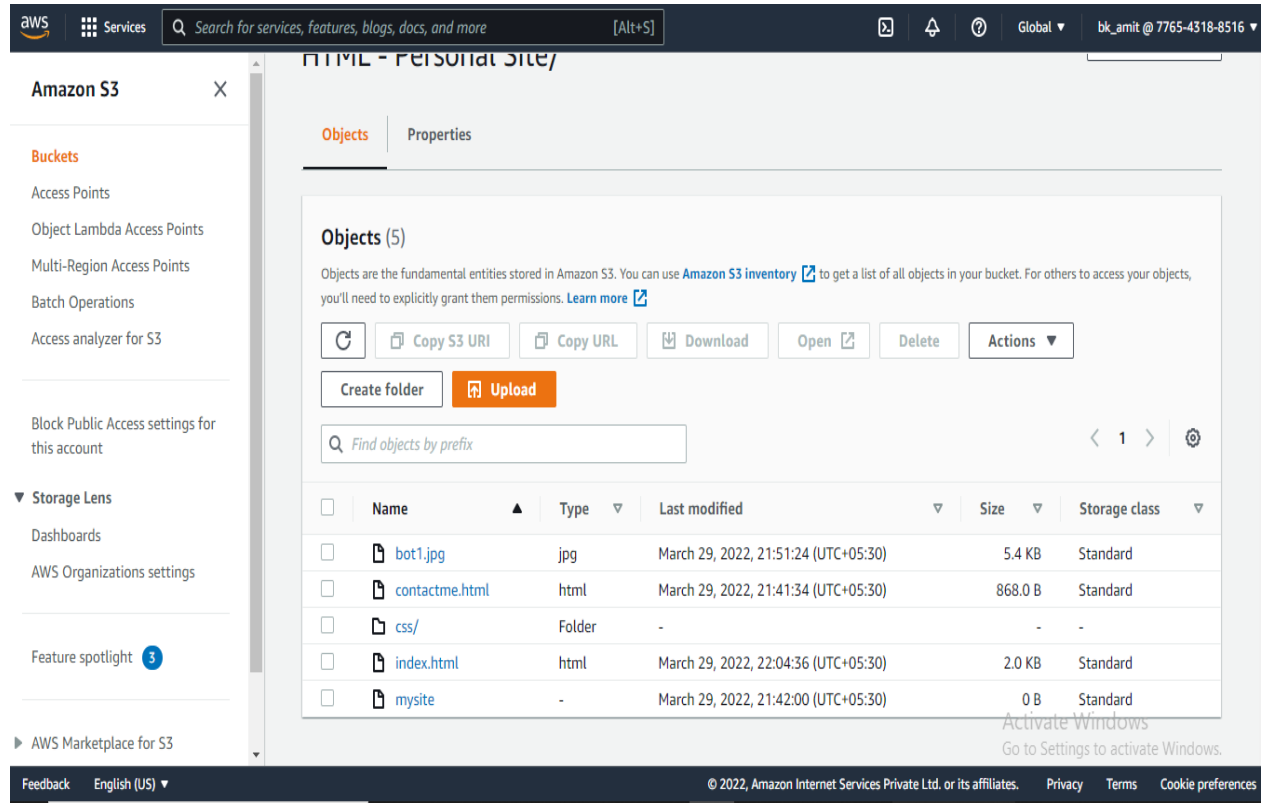
6.1 Choose the bucket you want to public.

6.2 Go to bucket policies and allow public access and edit the json code and edit the json code to make the bucket public.

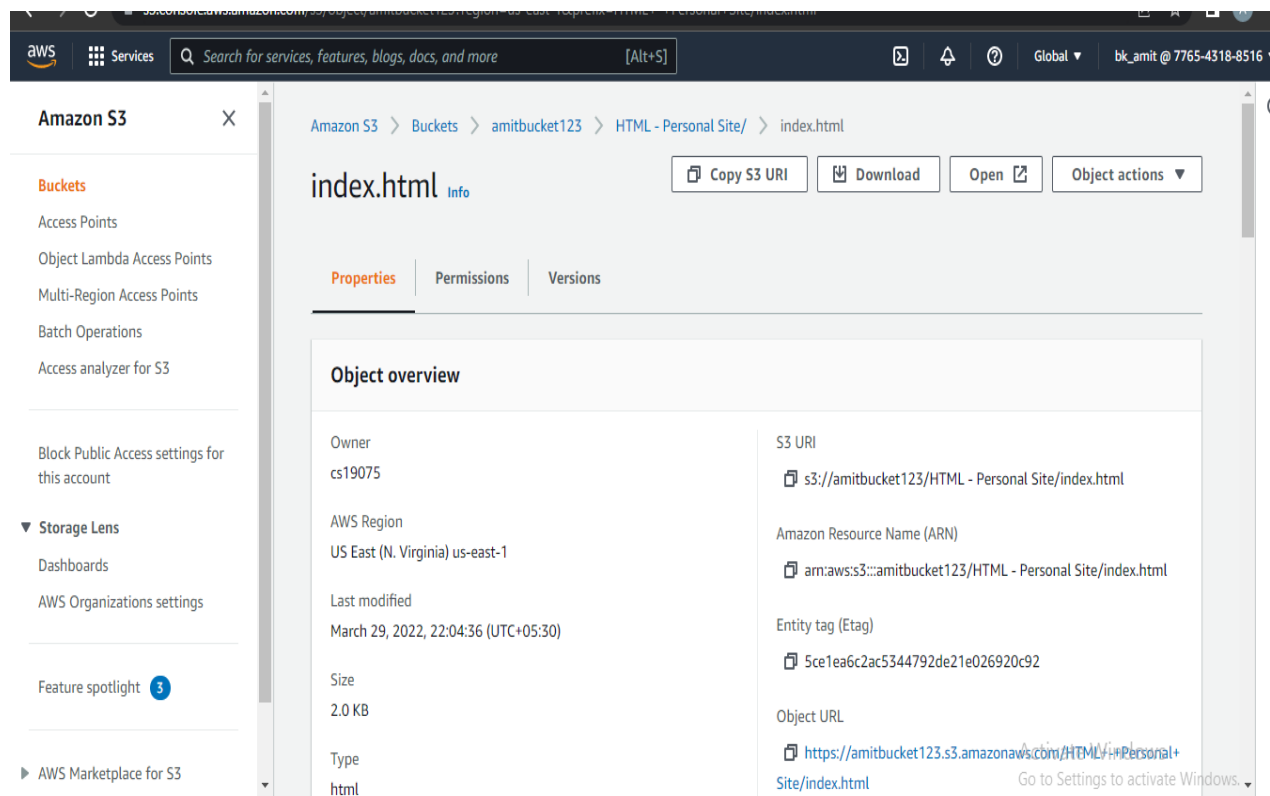


7. Upload the html and css to the bucket by click upload button(You can upload files by drag and drop or by browsing manually in the local machine.)
After successful uploading all files will be visible in the s3 bucket.

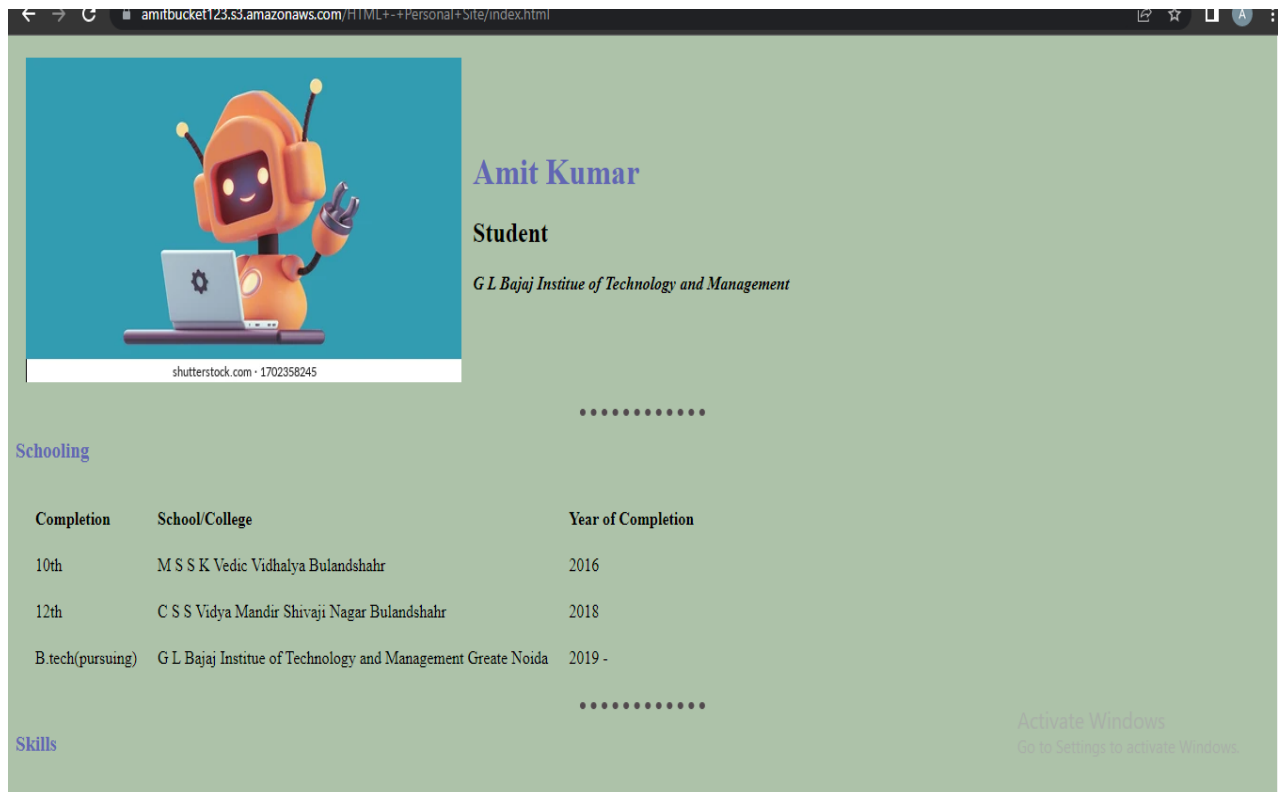




8. Choose the index.html file and open it.



9. Copy the object url and paste it in any browser.



Website launched successfully!