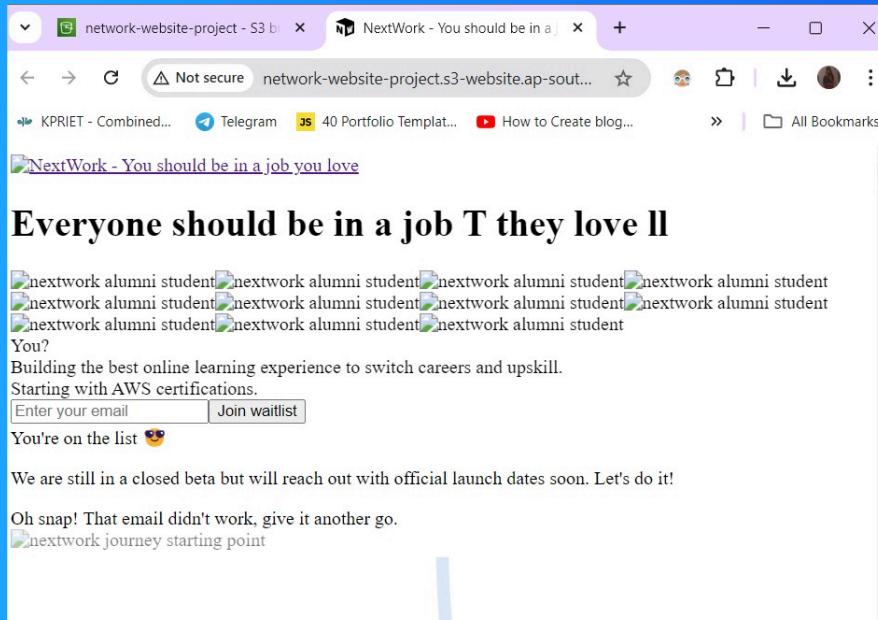




Host a Website on Amazon S3

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Introducing Today's Project!

What is Amazon S3

S3 is most useful service to host our static website on internet.

How I used Amazon S3 in this project

I have used to host my static website which makes my website easier to access through the internet by all people.

One thing I didn't expect in this project was...

easy steps

This project took me...

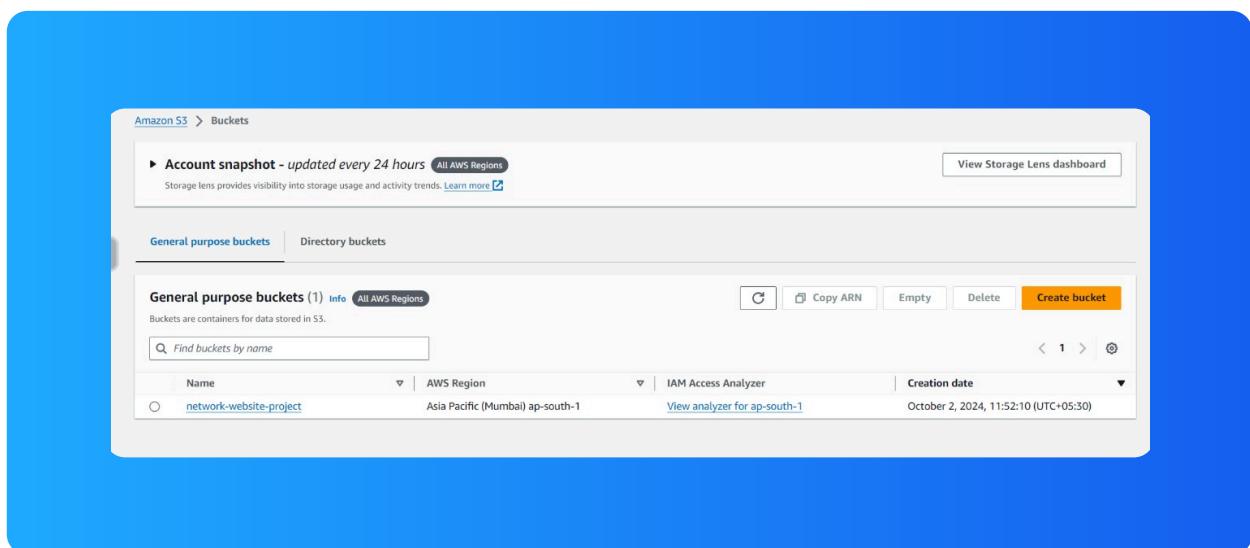
i took around 20 minutes to host my project.

How I Set Up an S3 Bucket

Creating an S3 bucket took me around 2 mins.

The Region i picked for my S3 bucket was Mumbai. Because it is a closest region.

S3 bucket names must be globally unique! This means that others cannot access the files or create a files using that name.

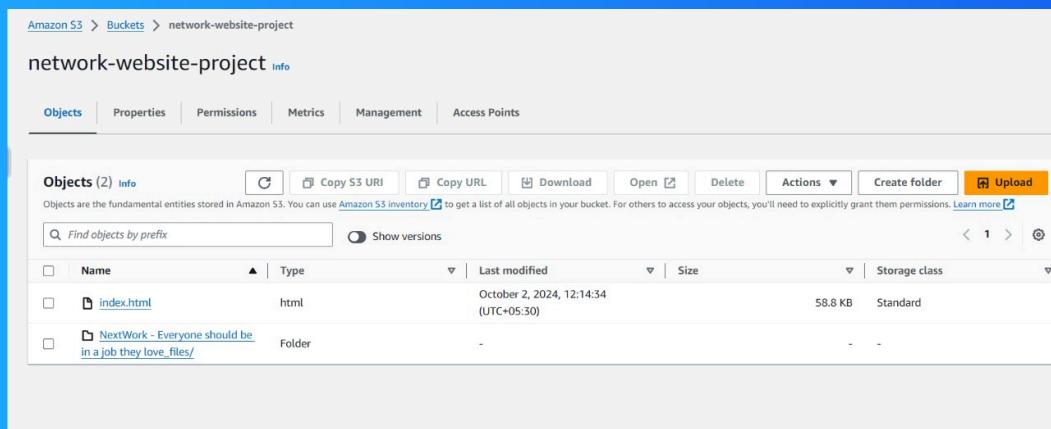


Upload Website Files to S3

index.html and image assets

I uploaded two files to my S3 bucket - they were html file and folder with some pictures.

Both files are necessary for this project as we need to know how to access the files what we are uploading.



Static Website Hosting on S3

website hosting means it will be public on the internet.

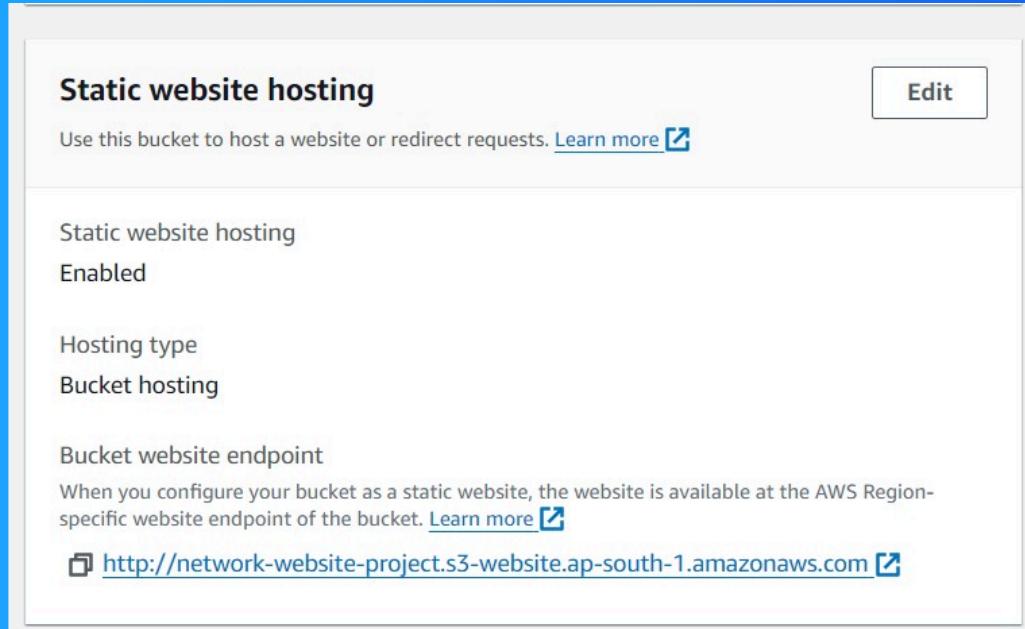
To enable website hosting with S3 bucket, click properties and select static website hosting ->edit and enable.

Access Control Lists (ACL)

An Acl is Access control list, which provides as set of rules that who can access the bucket. i have enabled this option.

Bucket Endpoints

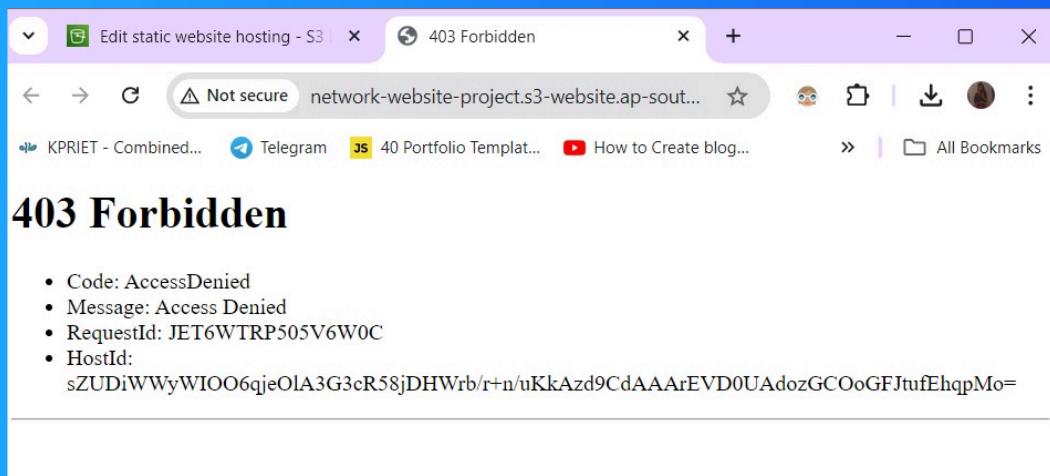
Once website is enabled, S3 produces a bucket endpoint URL, which helps to view our files in Internet: <http://network-website-project.s3-website.ap-south-1.amazonaws.com>



An error!

when I first visited the bucket endpoint URL, I saw 403 Forbidden Code:
AccessDenied Message: Access Denied RequestId: JET6WTRP505V6W0C
HostId:
sZUDiWWyWIOO6qjeOIA3G3cR58jDHWrb/r+n/uKkAzd9CdAArEVD0UAdozG
COoGFJtufEhqpMo=

The reason for this error was static website is being hosted by S3, but the actual HTML/image files you've uploaded are still private.



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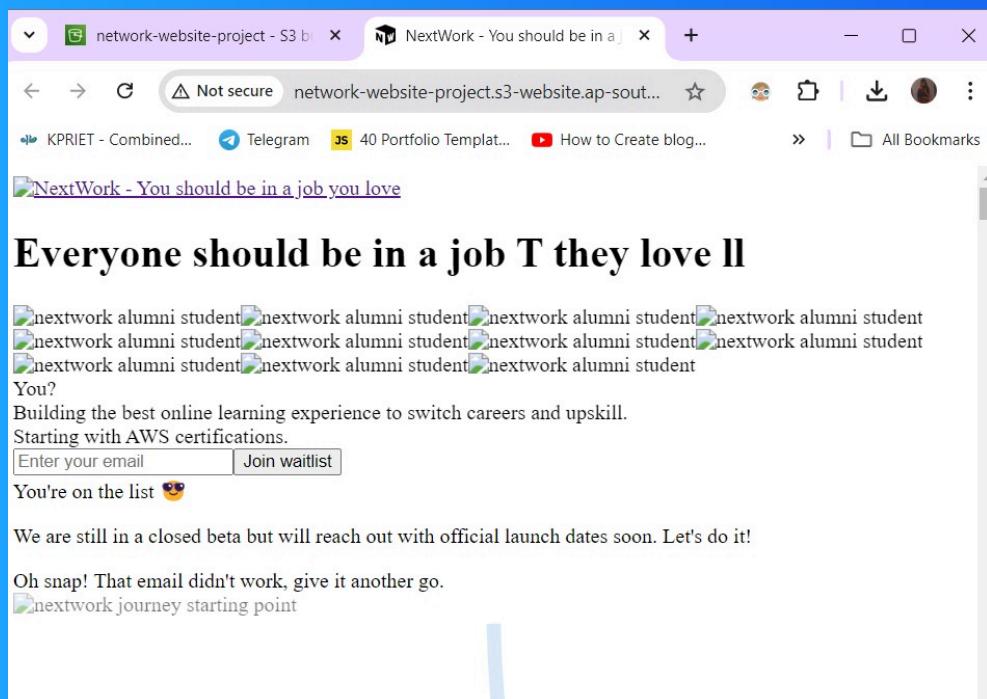
anikaanudp0408@gmail....

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Success!

To resolve this connection error, I accessed the Acl to make public it helps a lot with easy steps.





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