

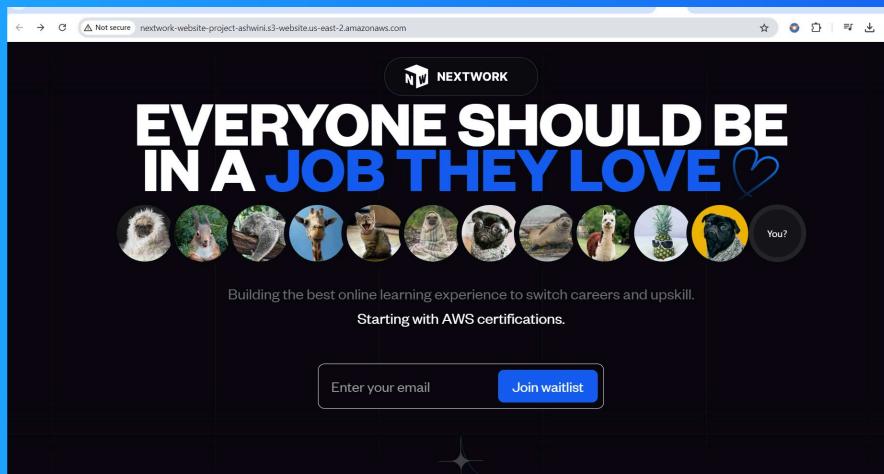


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Host a Website on Amazon S3



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Introducing Today's Project!

What is Amazon S3

Amazon S3 (which stands for Amazon Simple Storage Service) is used to host a website.

How I used Amazon S3 in this project

I hosted a website creating bucket using Amazon S3 service.

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

The process is easy and doesn't take much time.

This project took me...

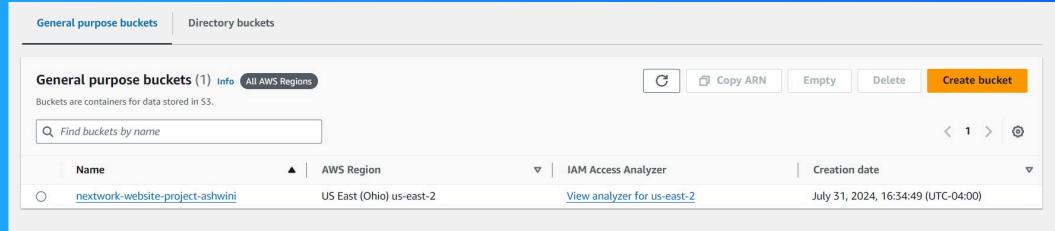
I think I finished it within 30 min even though I am new for AWS services.

How I Set Up an S3 Bucket

Creating an S3 bucket took me just a minute.

The Region I picked for my S3 bucket was US East (Ohio) us-east-2.

S3 bucket names are globally unique! This means no two AWS accounts in the entire world can use same bucket's name.

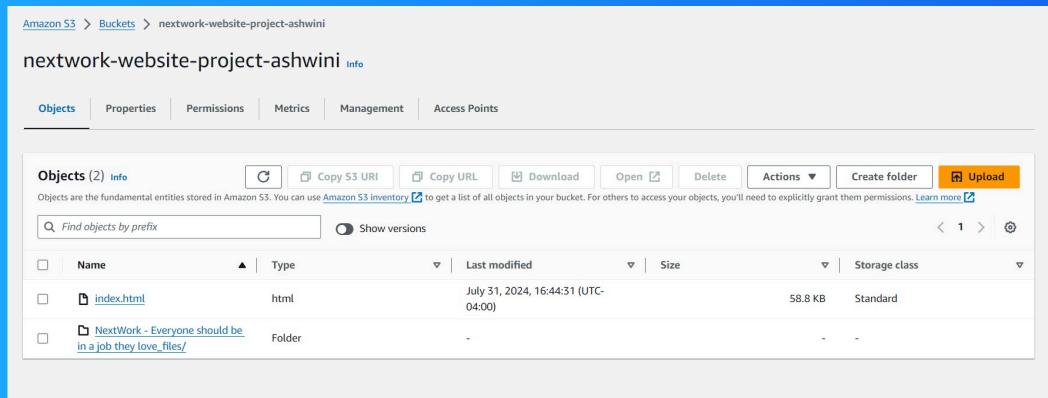


Upload Website Files to S3

index.html and image assets

I uploaded two files to my S3 bucket - they were index.html and folder - (NextWork - Everyone should be in a job they love_files).

Both files are necessary for this project as it contains all the website content to display.



Static Website Hosting on S3

Website hosting means making a website public on the internet.

To enable website hosting with my S3 bucket, I enabled Static web hosting in the Properties tab.

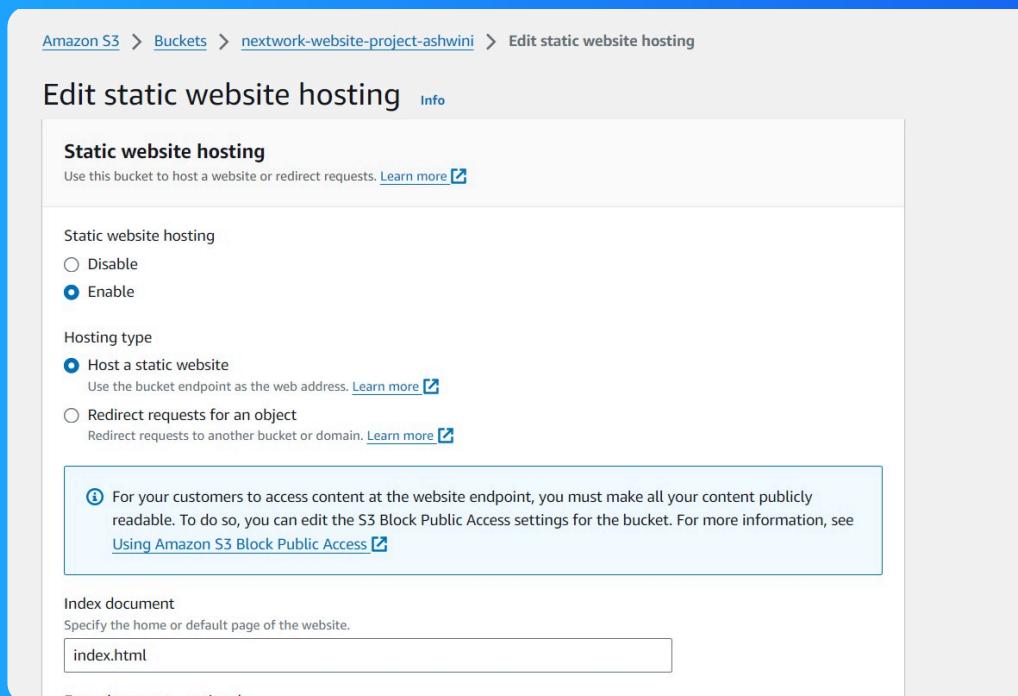
Access Control Lists (ACL)

An ACL is a set of rules that decides who can get access to a resource.

Enabling ACLs in this S3 setup lets you control who can access and do things with the objects (i.e. website files) you upload into your bucket.

Bucket Endpoints

Once static website is enabled, S3 produces a bucket endpoint URL, which is used to access the website on a browser.



An error!

When I first visited the bucket endpoint URL, I saw 403 Forbidden error message.

The reason for this error was due to permission of the objects not being public.



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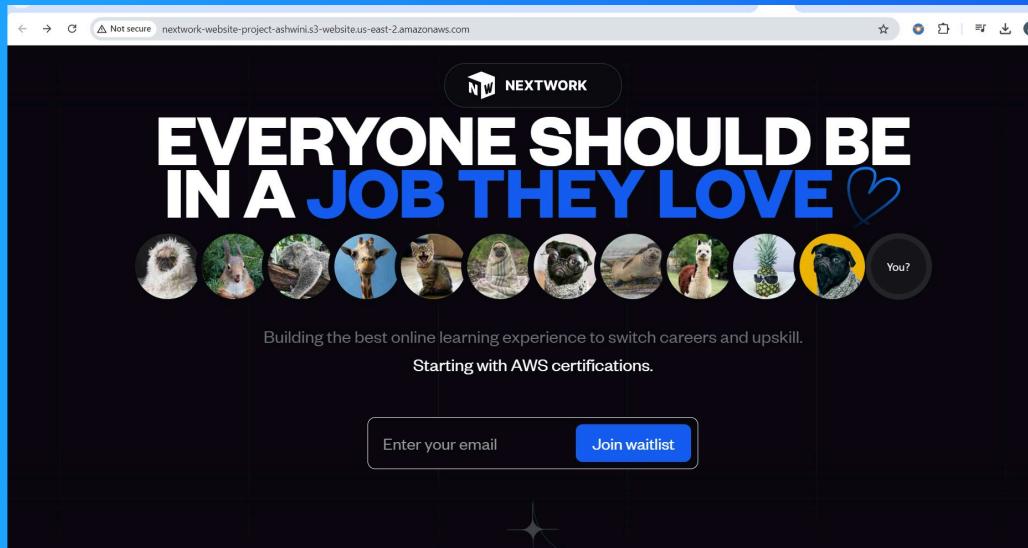
ashwinimeher12497@gm...

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Success!

To resolve this connection error, I made bucket objects public.





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