

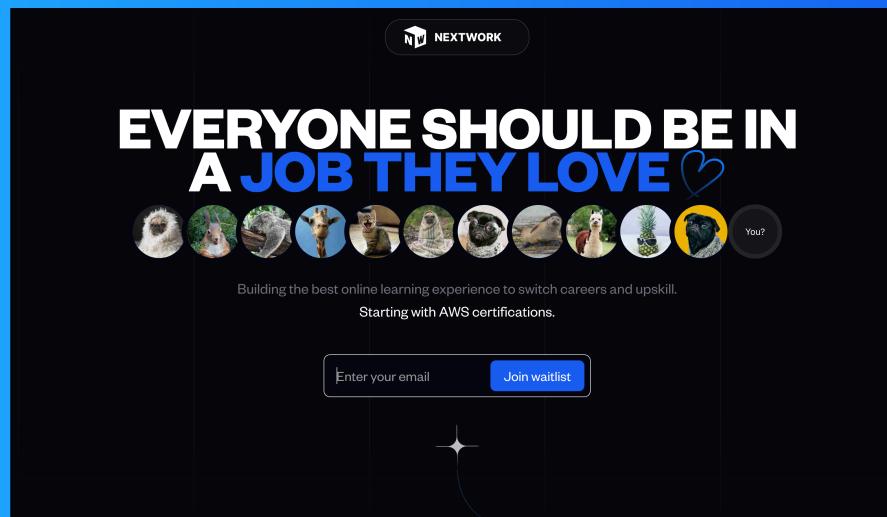


NextWork.org

Host a Website on Amazon S3



oshanesilva98@gmail.com



Introducing Today's Project!

What is Amazon S3

AWS : Amazon Simple Storage Service Amazon S3 is used to store and retrieve any amount of data at any time from anywhere on the web

How I used Amazon S3 in this project

I used it to host a my very own static website

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

I didnt expect it to be this easy

This project took me...

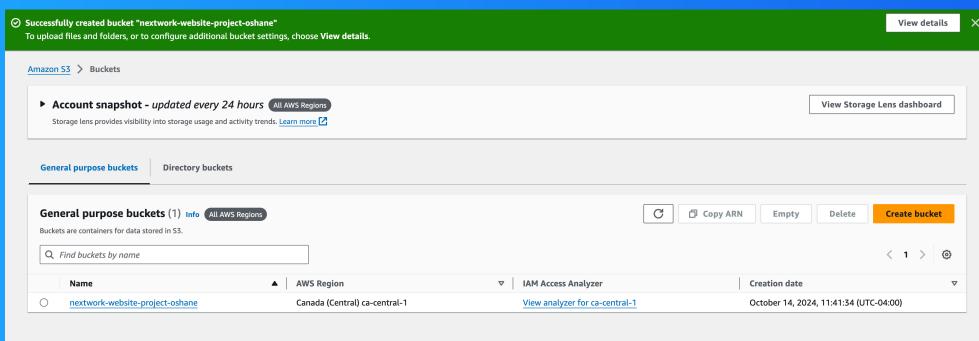
30mins

How I Set Up an S3 Bucket

Creating an S3 bucket took me a minute

The Region I picked for my S3 bucket was because i live around Central Canada

S3 bucket names are globally unique! This means no other AWS account in the entire world can use my bucket's name unless I delete the bucket

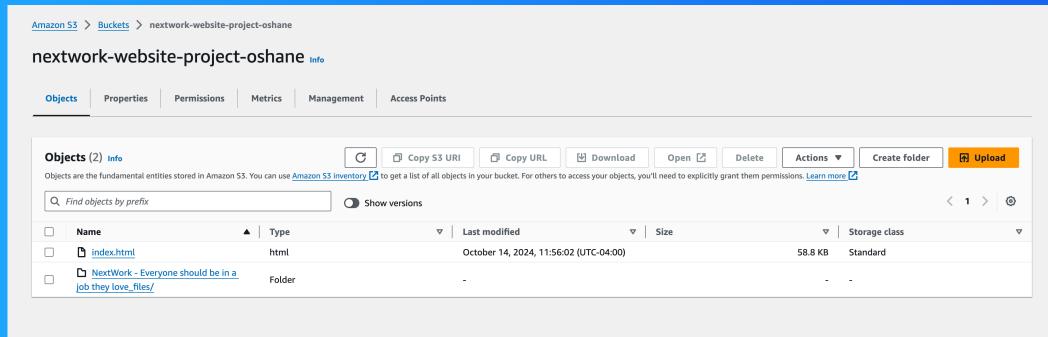


Upload Website Files to S3

index.html and image assets

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

Without the pictures and css & js files from the folder, index.html would look plain and boring as a website.



Static Website Hosting on S3

Website Hosting means making your website public on the internet.

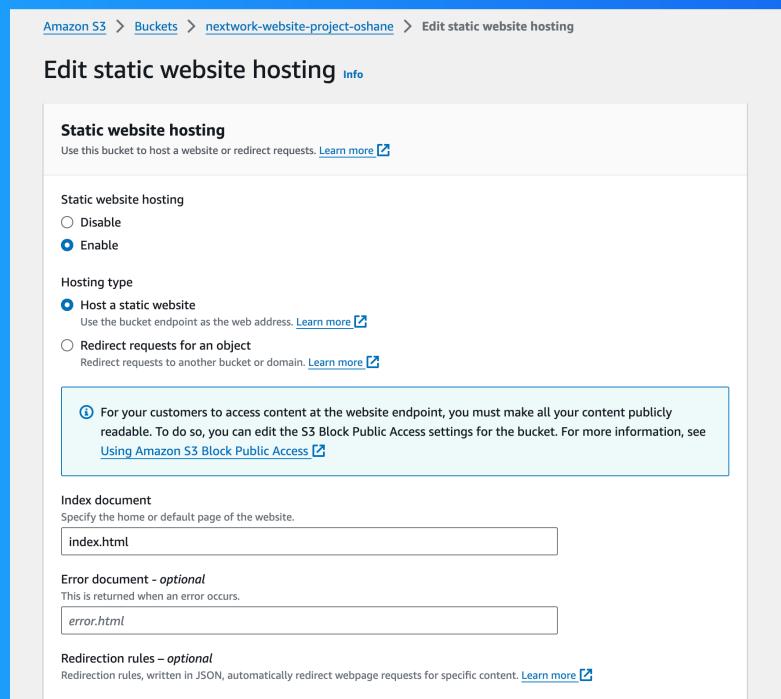
To enable website hosting with my S3 bucket, I - Navigate to the bucket i created - Choose properties tab - Select Static website hosting Panel - Configure Static website hosting to enable, Hosting type : Host a static website, Index Doc: Index.html

Access Control Lists (ACL)

An ACL is a set of rules that decides who can get access to a resource. Additionally, i enabled ACLs to allow me to control who can access and do things with the objects I upload into my bucket.

Bucket Endpoints

Once static website is enabled, S3 produces a bucket endpoint URL, which will take anyone to a page that displays the HTML file I just uploaded.



An error!

When i first visited the bucket endpoint URL, i saw an "403 Forbidden" error message.

The reason for this error was the actual HTML/image files i've uploaded are still private.

403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: DXMD73Q9QF8P6YR0
- HostId: Ee1jh4dDBEIFBYZd+Fb3rW6Y2QB1c1mjlORhmVEAkblLWmLqR2p+Mw9aafIfBiS6Z0J7RpoeGJ4=

OS

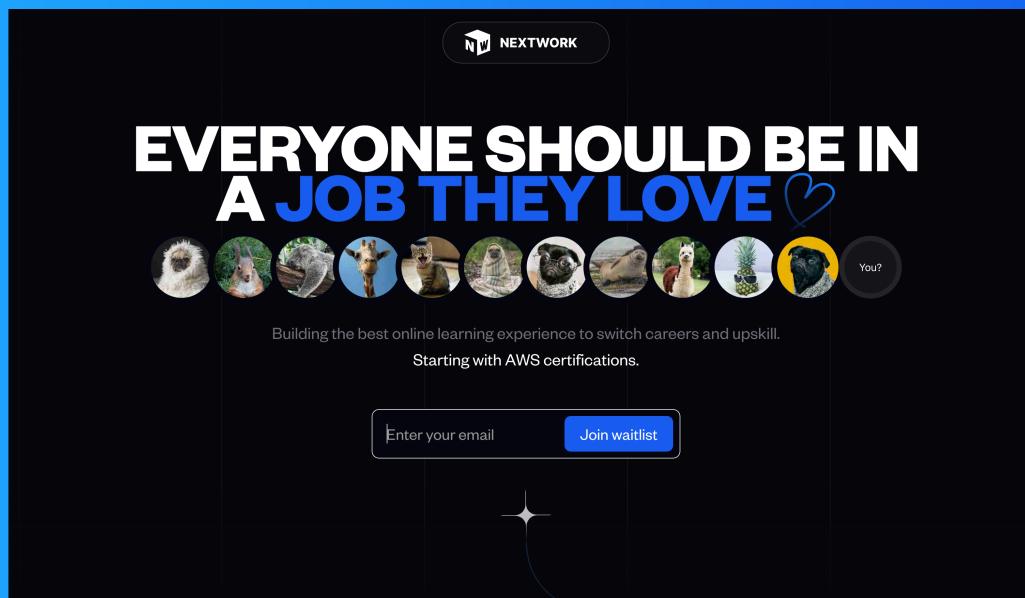
oshanesilva98@gmail.com

NextWork Student

NextWork.org

Success!

To resolve this connection error, I returned to Objects tab, select index.html and the files folder, select actions and make these two files public.





NextWork.org

Everyone should be in a job they love.

Check out nextwork.org for
more projects

