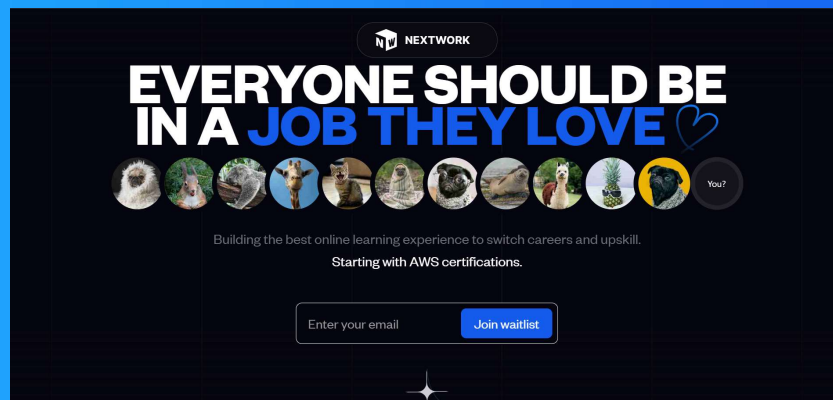# Host a Website on Amazon S3

Muhammed Ajeel

Introducing Today's Project!

What is Amazon S3

AWS is a beginner-friendly cloud service that can be studied with the right kind of project and training it is useful to host websites and store your data in the cloud which is a good alternative to physical storage device

How I used Amazon S3 in this project

i used amazon S3 to host an static website and learned how to do it with this project

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

The thing that i didn't expect was getting the website up and running after getting stuck in the hosting part where i stumbled upon an error
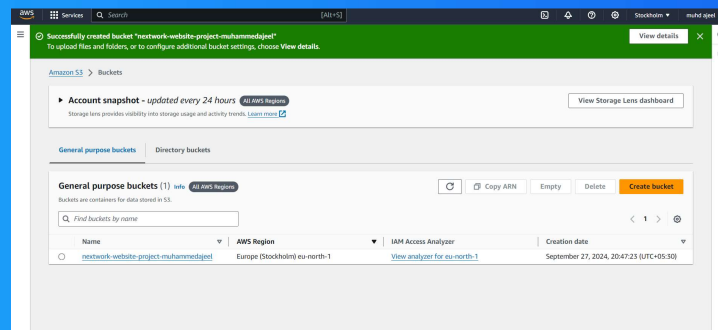
This project took me…

1-1.5 hours

How I Set Up an S3 Bucket

creating an s3 bucket took me 2 minutes of work

the region i picked for my s3 bucket was eu because there was no option to change the region

s3 bucket names are globally unique! This means all the names should be diffrent and unique

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NextWork Student

Upload Website Files to S3

index.html and image assets

i uploaded two files to my S3 bucket - they were all the materials that will be displayed in the website

Both files are necessary for this project as one file contains the html code and one contains the material for display
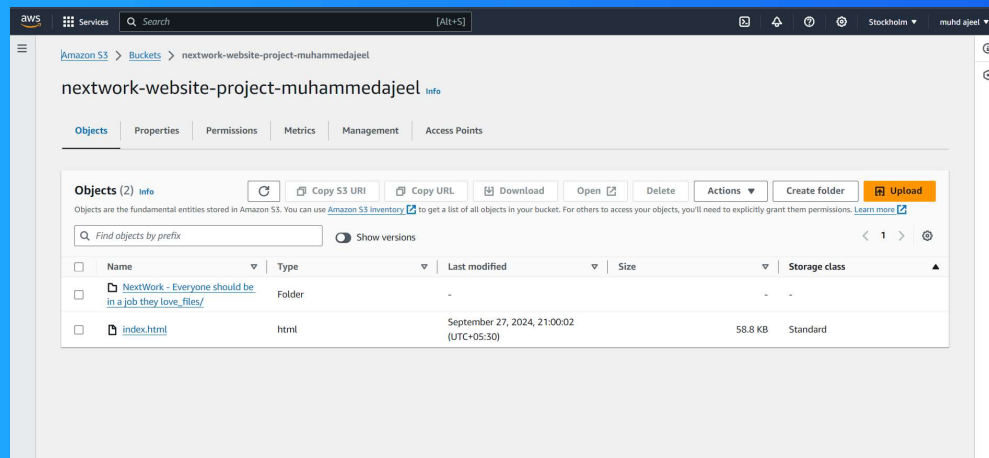
Static Website Hosting on S3

website hosting means uploading your website into the vast internet so that people can see and interact with the website

To enable website hosting with my S3 bucket, i scrolled down on the properties window on the S3 bucket then clicked edit on the right side on static website hosting disabled and enable after clicking edit
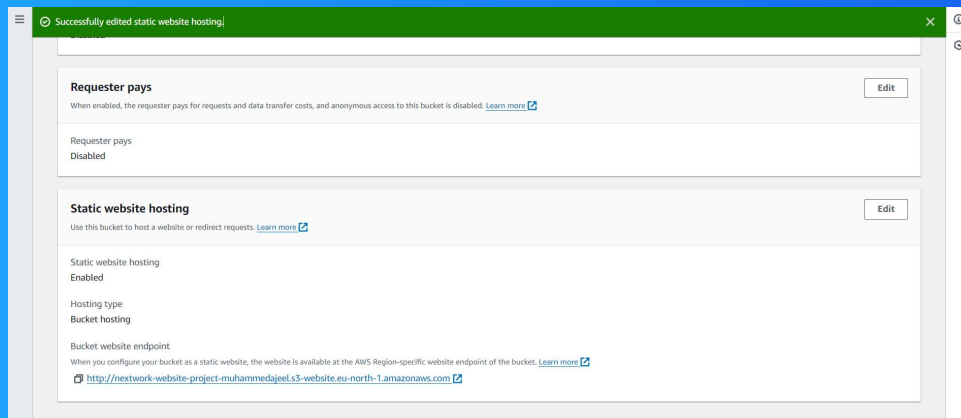
Access Control Lists (ACL)

An ACL is An access control list (ACL) is a list of rules that specifies which users or systems are granted or denied access to a particular object or system resource

Bucket Endpoints

Once a static website is enabled, S3 produces a bucket endpoint URL, which is "index.html"

An error!

when i first visited the bucket endpoint URL, i saw and error message 403 forbidden

The reason for this error was your material is still private until you make it public with the permission

403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: J9GVJ4ZH78096GD4
- HostId: appmvmQEFuHal9KWjgTbgg6vEZw4C/70xHb2BzZalSPi4WqjWrGPsKRyOEOTuHC7lX1joAwBfME=
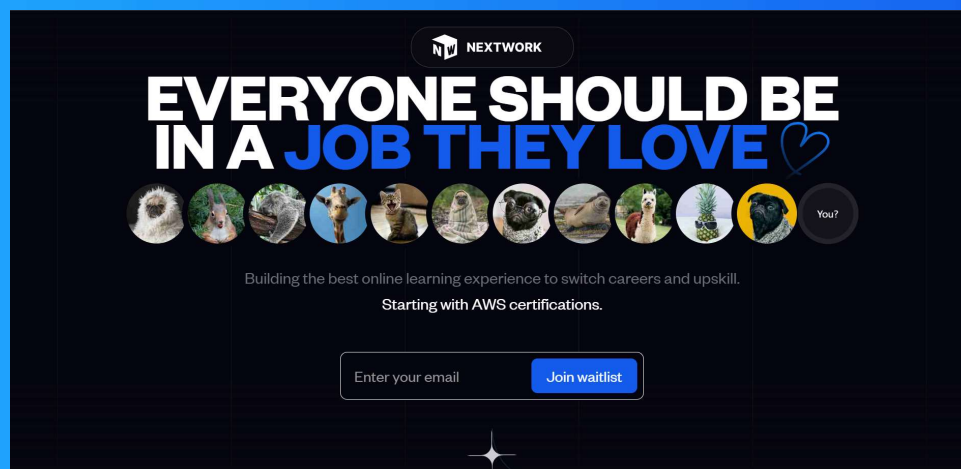
Success!

To resolve this connection error I just took out the material file from the main folder and pasted it outside the main folder

Everyone should be in a job they love.

Check out nextwork.org for more projects