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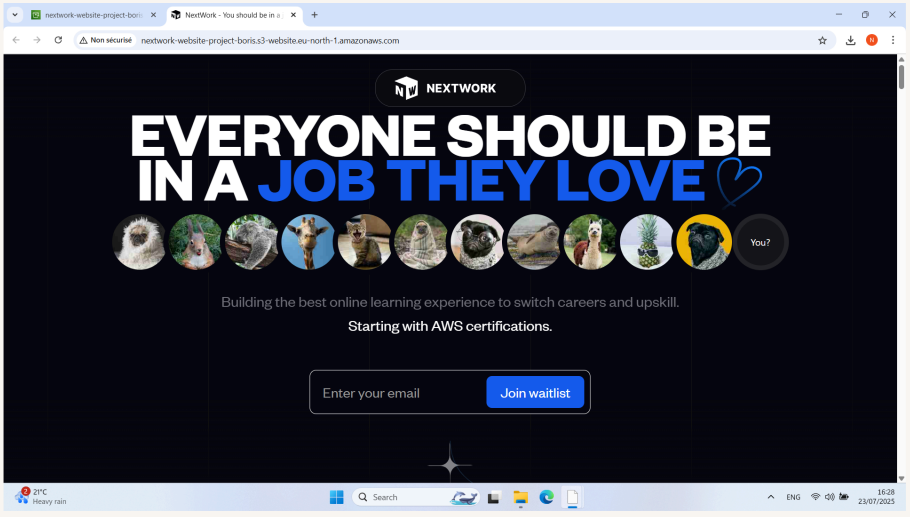
Host a Website on Amazon S3

Nchindo Boris



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Introducing Today's Project!

In this project, I will be creating an S3 bucket to store pictures and files needed in my website

Tools and concepts

Services I used were... Key concepts I learnt include; Create a bucket in Amazon S3 Upload website content to your bucket Configure a static website on Amazon S3 Make objects in your S3 bucket public

Project reflection

This project took me about 1hr 30mins. The most challenging part was to troubleshoot and fix the error message displayed on the hosted website. It was most rewarding to solve the problem see the website succesfully display without the error message

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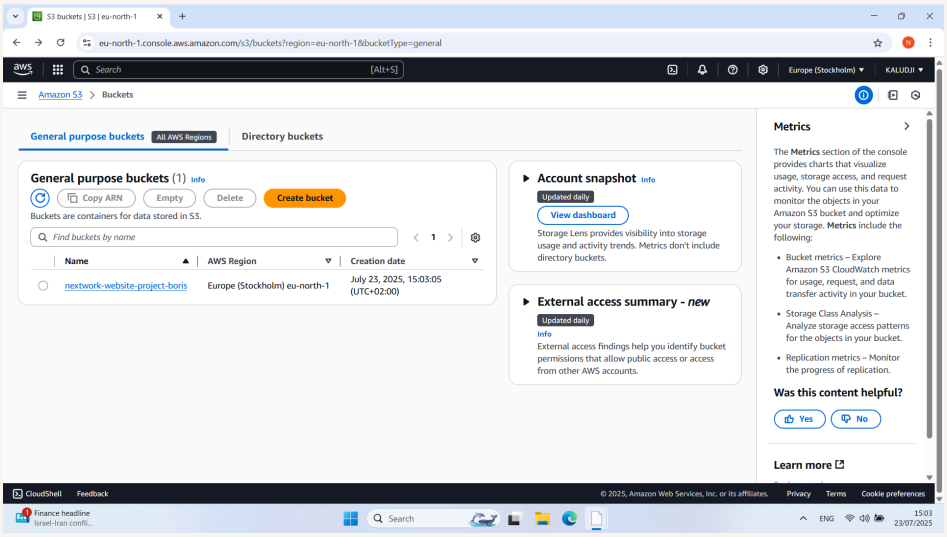
How I Set Up an S3 Bucket

Creating an S3 bucket took me 15mins

The Region I picked for my S3 bucket was Europe because it is closest to me

S3 bucket names are globally unique! This means no other AWS account in the entire world can use your bucket's name (unless you delete the bucket).



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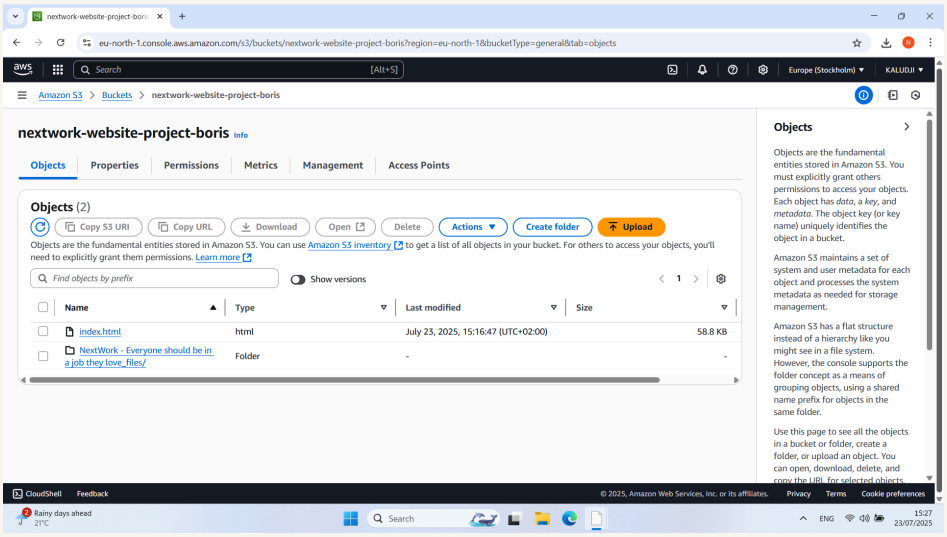
Upload Website Files to S3

index.html and image assets

I uploaded two files to my S3 bucket - they were index.html and NextWork - Everyone...love_files.zip

Both files are necessary for this project as to learn how to store website data in an S3 bucket



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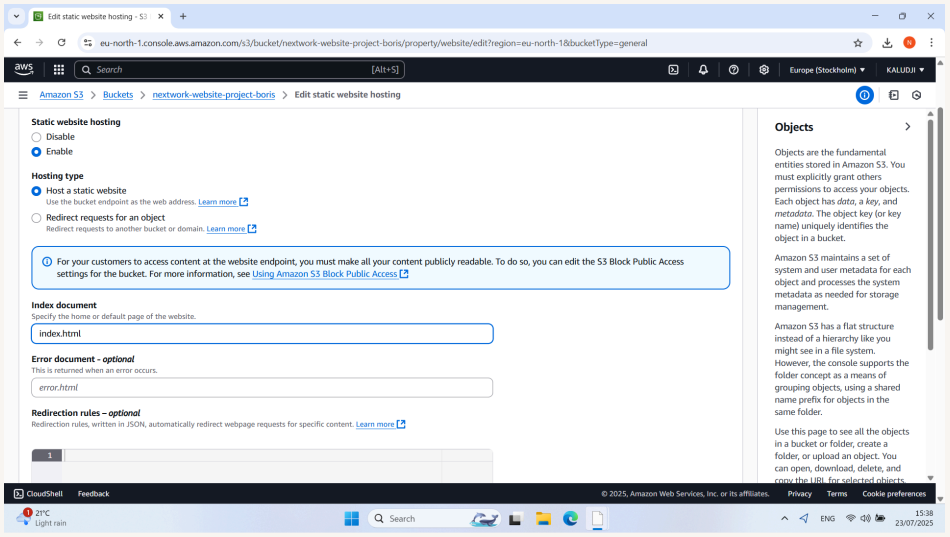
Static Website Hosting on S3

Website hosting means making your website public on the internet.

To enable website hosting with my S3 bucket, I did the following; - Choose the Properties tab. - Scroll all the way down to the Static website hosting panel. - Choose Edit. - Configure the following settings: - Static web hosting: Choose Enable

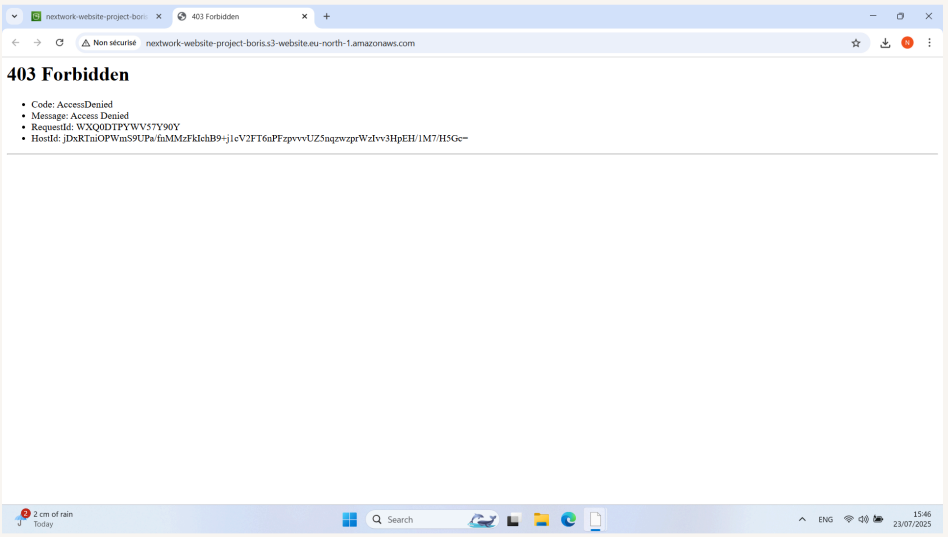
An ACL is a set of rules that decides who can get access to a resource. I enabled ACLs



Bucket Endpoints

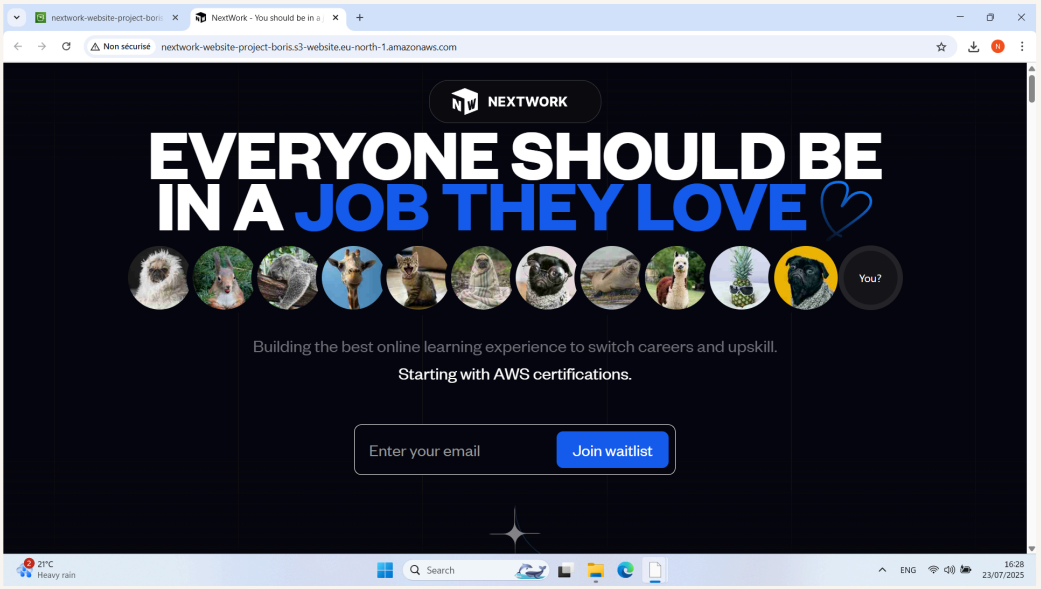
Once static website is enabled, S3 produces a bucket endpoint URL, which is a regular website URL. It lets people visit your S3 bucket's files as a website.

When I first visited the bucket endpoint URL, I saw an error message. The reason for this error was because the files uploaded are still private



Success!

- Upload the correct folder, save the index.html file in the same unzipped parent folder that contains the “_MACOSX” and the “NextWork - Everyone should be in a job they love_files” folders. - Upload the index.html file and Make both files public



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