

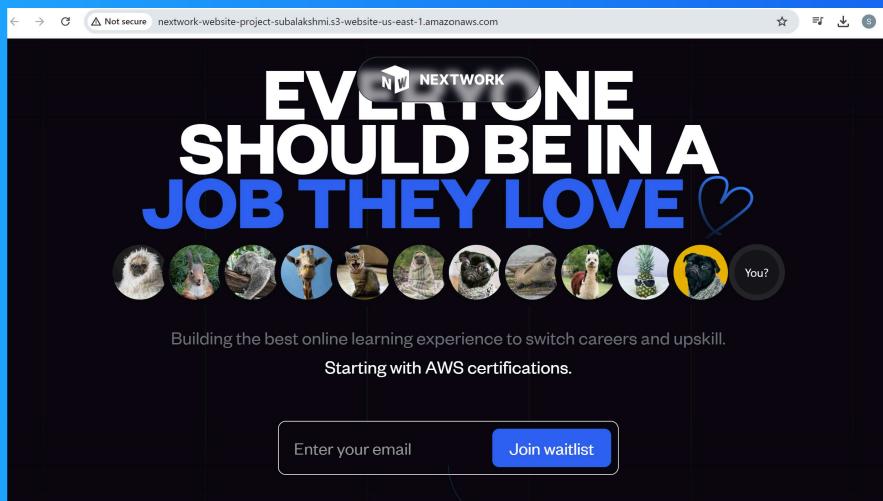


NextWork.org

# Host a Website on Amazon S3



tsubalakshmi165@gmail.com



 TS

tsubalakshmi165@gmail....

NextWork Student

[NextWork.org](http://NextWork.org)

# Introducing Today's Project!

## What is Amazon S3

AWS Service is very useful storage service. Uploading of large files is working in minutes. I was able to host a website in a fraction of a second with this service

## How I used Amazon S3 in this project

I used to upload different kind files to host a website within a short time.

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

Time Consumed was very low compared to other technologies.

## This project took me...

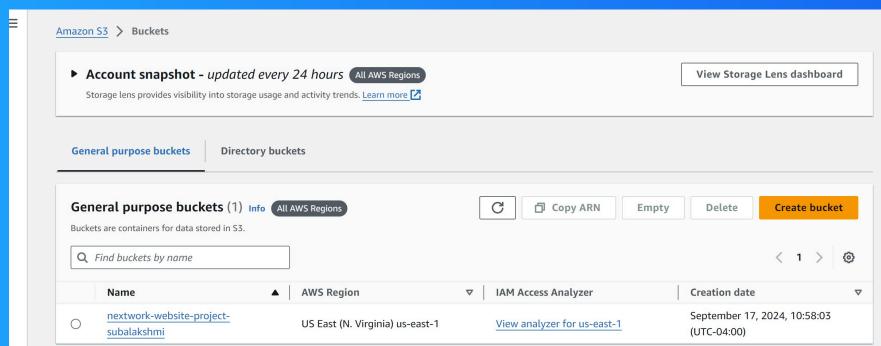
10 minutes

# How I Set Up an S3 Bucket

Creating an S3 bucket took me a minute

The Region I picked for my S3 bucket was us-east-1 because it was the closest region to my location.

S3 buckets are globally unique! This means no other bucket can be named with the same naming convention around the world.

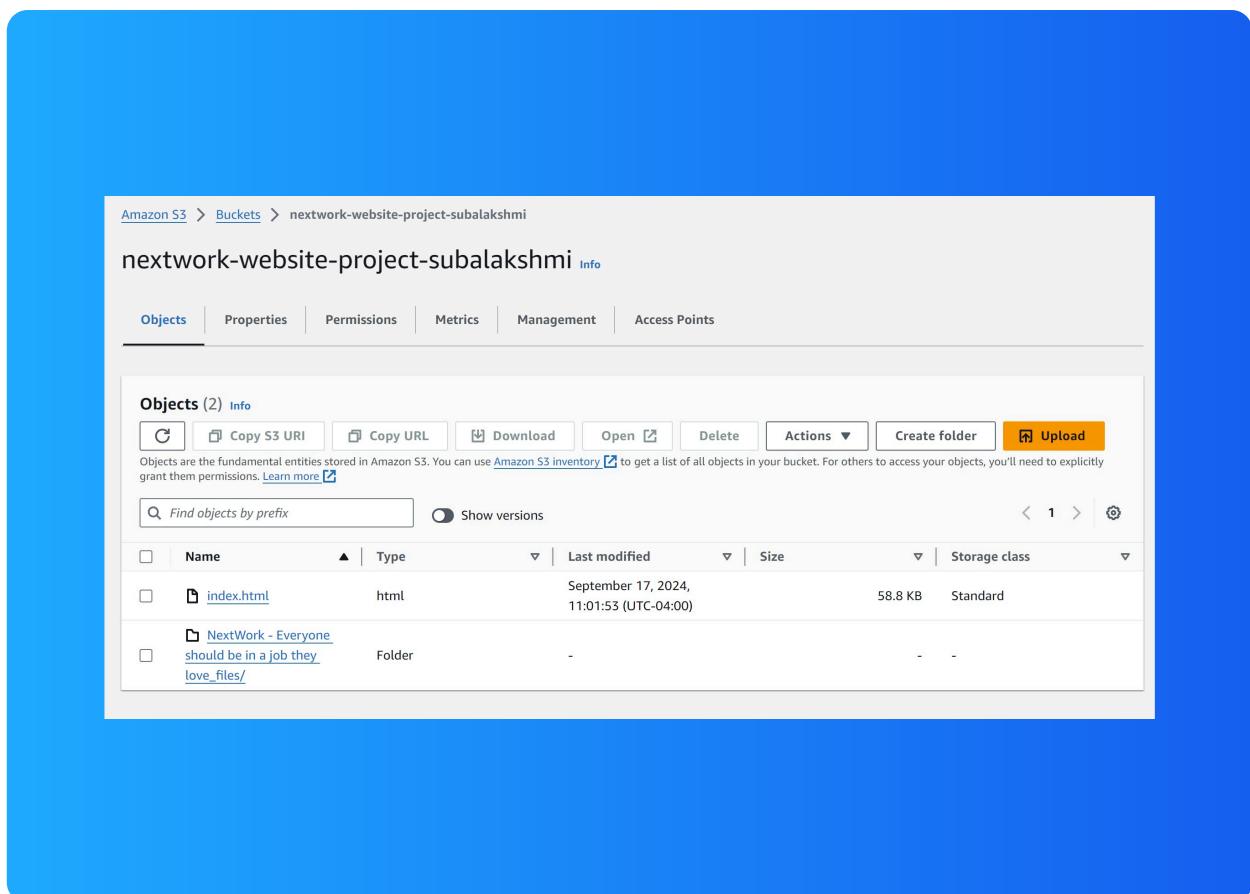


# Upload Website Files to S3

## index.html and image assets

I uploaded two files to my S3 bucket - they were the HTML file and the Folder.

Both Files are necessary for the project to host a successful website. They are related to each other the HTML file has the website structure while the folder has all the images and styling files to launch a website



# Static Website Hosting on S3

Website hosting involves making an HTML file accessible to the public on the internet.

To enable website hosting with my S3 bucket, I need to enable static website hosting and make the objects public with ACL.

## Access Control Lists (ACL)

An ACL is a set of rules that decides who can access the resources. I enabled ACL while creating the S3 bucket

# Bucket Endpoints

Once static website is enabled, S3 produces a bucket endpoint URL, which is the public access URL of the website hosted.

## Edit static website hosting Info

### Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

#### Static website hosting

- Disable  
 Enable

#### Hosting type

- Host a static website

Use the bucket endpoint as the web address. [Learn more](#)

- Redirect requests for an object

Redirect requests to another bucket or domain. [Learn more](#)

For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)

#### Index document

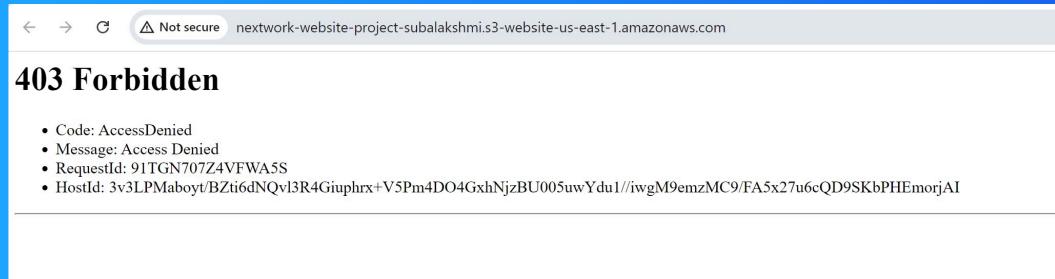
Specify the home or default page of the website.

index.html

# An error!

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

The reason for this error was the objects stored in the S3 bucket are by default with private settings. So had to make it public using ACL.



TS

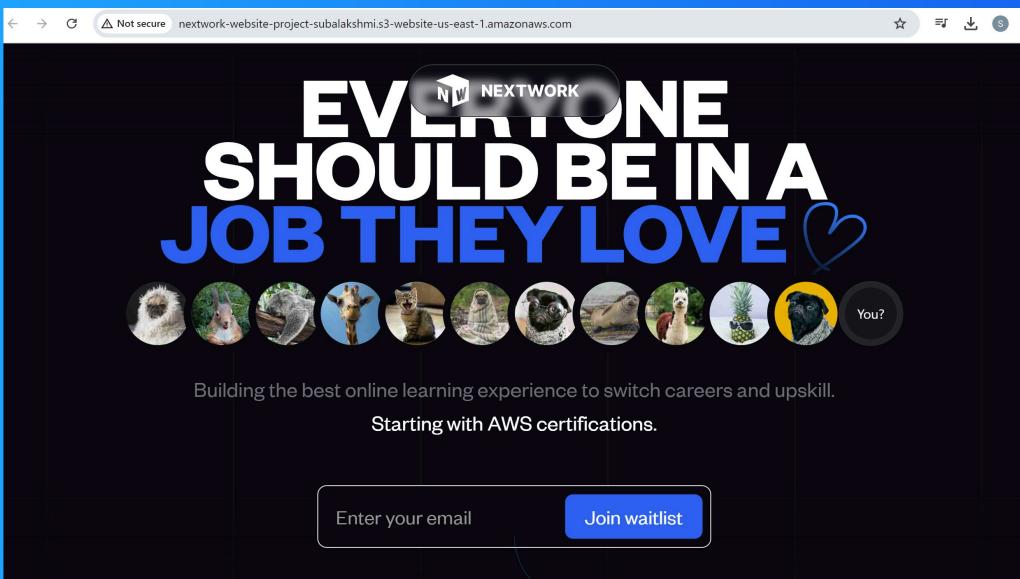
tsubalakshmi165@gmail....

NextWork Student

[NextWork.org](http://NextWork.org)

# Success!

To resolve the connection error, I tried to delete the folder object and reuploaded only a specific folder which is required instead of the entire zip folder.





NextWork.org

# Everyone should be in a job they love.

Check out nextwork.org for  
more projects

