



nextwork.org

Host a Website on Amazon S3



sridip golui

NEXTWORK

**EVERYONE SHOULD BE
IN A JOB THEY LOVE**

Building the best online learning experience to switch careers and upskill.
Starting with AWS certifications.

Enter your email

Join waitlist

A circular profile picture of a person with dark hair and a beard, wearing a white shirt, set against a background of green foliage and birds.

Introducing Today's Project!

In this project, I will demonstrate... I'm doing this project to learn...

Tools and concepts

Services I used were... Key concepts I learnt include AWS S3 bucket , S3 object and website hosting through S3 bucket.

Project reflection

This project took me approximately 1 hour. The most challenging part was public access through ACL.



How I Set Up an S3 Bucket

Creating an S3 bucket took me...

The Region I picked for my S3 bucket was... because

S3 bucket names are globally unique! This means...

The screenshot shows the AWS S3 console interface. At the top, there's a success message: "Successfully created bucket 'nextwork-website-project-sridip'". Below this, there's an "Account snapshot" section with a link to "View Storage Lens dashboard". The main area displays a table of "General purpose buckets". The table has columns for Name, AWS Region, IAM Access Analyzer, and Creation date. It lists three buckets: "cloudsridip" (us-east-1), "nextwork-website-project-sridip" (eu-north-1), and "sridipbucket001" (eu-north-1). At the bottom of the page, there are links for CloudShell, Feedback, Language, and a footer with copyright information and links for Privacy, Terms, and Cookie preferences.

Name	AWS Region	IAM Access Analyzer	Creation date
cloudsridip	US East (N. Virginia) us-east-1	View analyzer for us-east-1	March 3, 2024, 23:56:06 (UTC+05:30)
nextwork-website-project-sridip	Europe (Stockholm) eu-north-1	View analyzer for eu-north-1	June 7, 2025, 15:26:51 (UTC+05:30)
sridipbucket001	Europe (Stockholm) eu-north-1	View analyzer for eu-north-1	May 21, 2025, 07:42:17 (UTC+05:30)



Upload Website Files to S3

index.html and image assets

I uploaded two files to my S3 bucket - they were...

Both files are necessary for this project as...

The screenshot shows the AWS S3 console interface. At the top, there's a navigation bar with the AWS logo, search bar, and various icons. Below it, the breadcrumb navigation shows 'Amazon S3 > Buckets > nextwork-website-project-sridip'. The main area is titled 'nextwork-website-project-sridip' with a 'Info' link. There are tabs for 'Objects' (which is selected), 'Properties', 'Permissions', 'Metrics', 'Management', and 'Access Points'. Below the tabs is a toolbar with actions like 'Copy S3 URI', 'Copy URL', 'Download', 'Open', 'Delete', 'Actions', 'Create folder', and 'Upload'. A search bar and a 'Show versions' button are also present. The main content area displays a table of objects:

Name	Type	Last modified	Size	Storage class
__MACOSX/	Folder	-	-	-
index.html	html	June 7, 2025, 15:35:44 (UTC+05:30)	58.8 KB	Standard

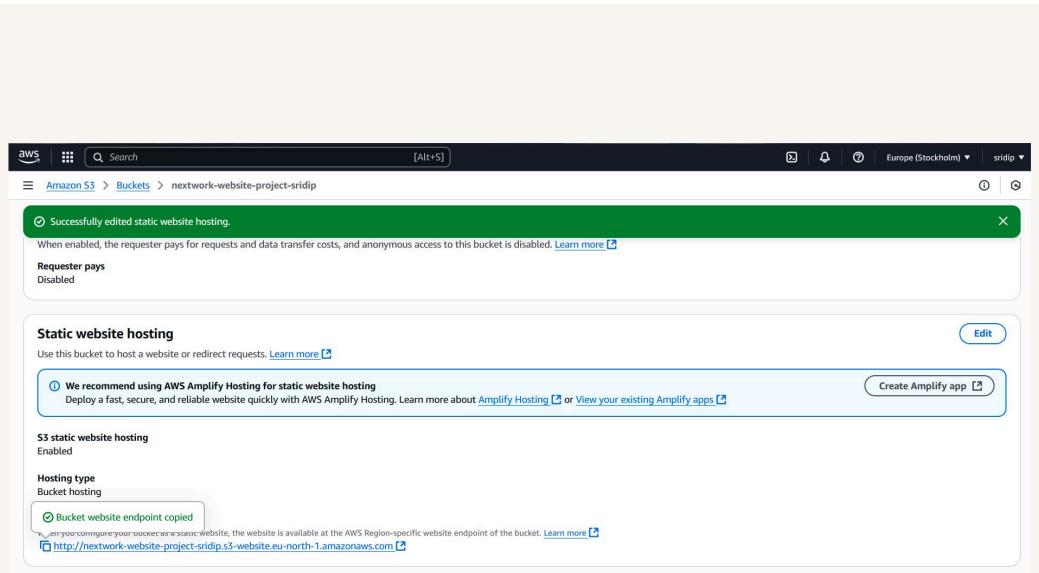


Static Website Hosting on S3

Website hosting means... hosting my website in the cloud space or in a virtual space and can be accessed from any part of the world.

To enable website hosting with my S3 bucket, I have gone to the properties section of the bucket, then in the static website hosting section, I have enabled the S3 static website hosting

An ACL is...





Bucket Endpoints

Once a static website is enabled, S3 produces a bucket endpoint URL, which is shown as an error.

When I first visited the bucket endpoint URL, I saw... The reason for this error was...access denied



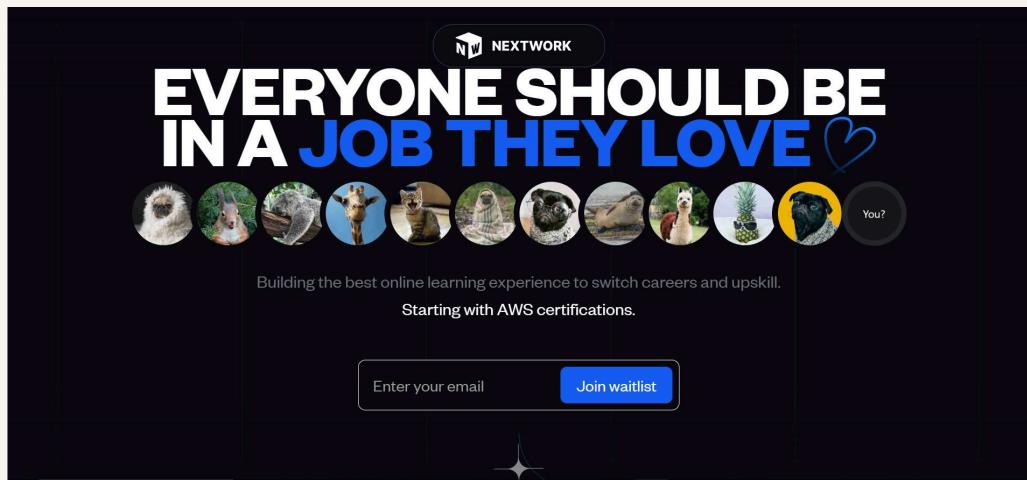


sridip golui
NextWork Student

nextwork.org

Success!

To resolve this 403 Forbidden error, I select the objects and click action drop down list choose make using public ACL.





nextwork.org

The place to learn & showcase your skills

Check out nextwork.org for more projects

