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Host a Website on Amazon S3



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The screenshot shows a web browser window with a dark-themed website. The URL in the address bar is `nextwork-website-project-ashad.s3-website.ap-south-1.amazonaws.com`. The main content features a large, bold heading: "EVERYONE SHOULD BE IN A JOB THEY LOVE". Below the heading is a horizontal row of circular profile pictures of various animals. Underneath the heading, there is a subtext: "Building the best online learning experience to switch careers and upskill. Starting with AWS certifications." At the bottom of the page, there is a form with two input fields: "Enter your email" and a blue "Join waitlist" button.



Introducing Today's Project!

Today's project is...

S3 using the given instructions

Static website hosting means...

website that consist only html css etc etc .. not dynamically

In AWS, I enabled static website hosting by...

make public using ACL

One thing I didn't expect...

this much simple and easy

This project took me...

30-45mins



Create an S3 Bucket

Creating an S3 Bucket took me...

1-2 mins

My Region configurations

Asia Pacific (Mumbai) ap-south-1

My Access Control List configurations

ACLs Enabled

S3 bucket naming is important!

to avoid conflicts...



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The screenshot shows the Amazon S3 console interface. The top navigation bar includes 'Amazon S3', 'Buckets', and the specific bucket name 'nextwork-website-project-arshad'. Below the navigation is a toolbar with actions like 'Copy S3 URI', 'Copy URL', 'Download', 'Open', 'Delete', 'Actions', 'Create folder', and 'Upload'. A search bar labeled 'Find objects by prefix' and a 'Show versions' button are also present. The main area displays a table of objects:

Name	Type	Last modified	Size	Storage class
index.html	html	July 19, 2024, 00:14:41 (UTC+05:30)	58.8 KB	Standard
NextWork - Everyone should be in a job they love_files/	Folder			



Upload Website Files to S3

Next, I uploaded the following files...

index.html and NextWork - Everyone should be in a job they love_files

How these files work...

one is html file which is of codes and another file is for images and other files regarding website

The screenshot shows the AWS S3 Buckets page. At the top, there's a header with 'Amazon S3 > Buckets'. Below it is an 'Account snapshot - updated every 24 hours' section with a link to 'All AWS Regions'. To the right is a 'View Storage Lens dashboard' button. The main area is divided into 'General purpose buckets' and 'Directory buckets'. Under 'General purpose buckets', there's a sub-section for 'Buckets are containers for data stored in S3.' A search bar labeled 'Find buckets by name' is present. A table lists one bucket: 'nextwork-website-project-arshad' (Name), 'Asia Pacific (Mumbai) ap-south-1' (AWS Region), 'View analyzer for ap-south-1' (IAM Access Analyzer), and 'July 19, 2024, 00:02:54 (UTC+05:30)' (Creation date). Action buttons for 'Copy ARN', 'Empty', 'Delete', and 'Create bucket' are at the top of the table.



Static Website Hosting on S3

Static website hosting means...

a host which helps in hosting our website that is making it available to the internet

How I enabled hosting...

just enabled the static web hosting and choose host a static website and enter index document name (index.html)



Bucket Endpoints

Bucket Endpoint URLs

that url displays our website all over to the internet

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](#)

Index document
Specify the home or default page of the website.

Error document - optional
This is returned when an error occurs.



An error!

When I first visited the bucket endpoint URL, I saw...

403 error

Why did I get an error?

not making the objects public that is index.html and other file ..making this files public by Actions-> make public using ACL

403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: J988N0Y0ZKAVZNGM
- HostId: UjzjjJMYyJGu8epECwZkDJ0wzouytNdDCXcQn5DryrJRI6UU7uC5lsM+UW6xZ5UxQFsDk5QgP8A=



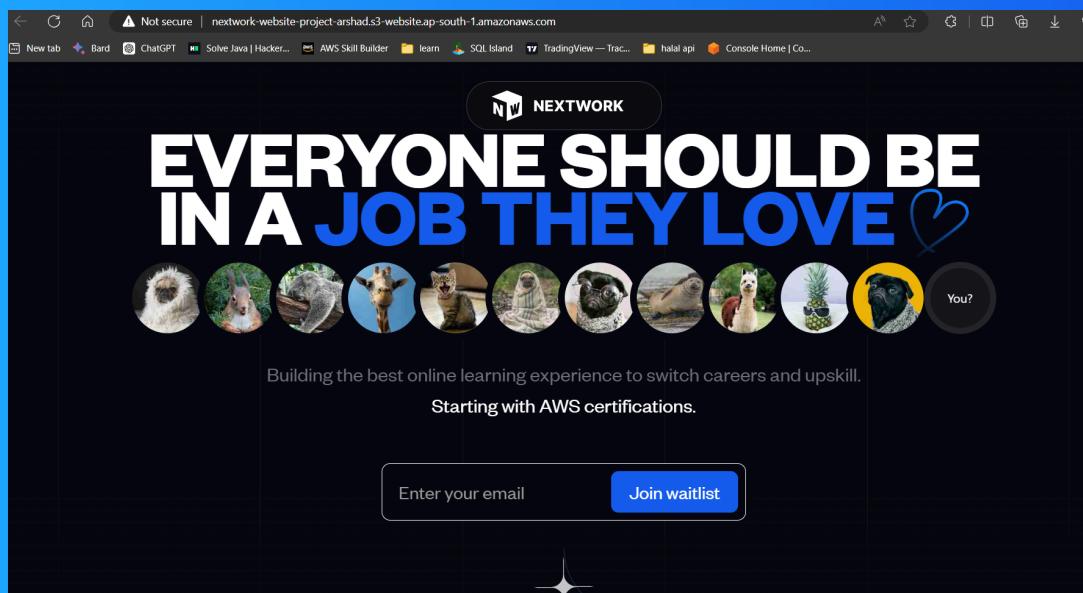
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Success 🎉

How I resolved my error...

by making the objects public using ACL





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more projects

