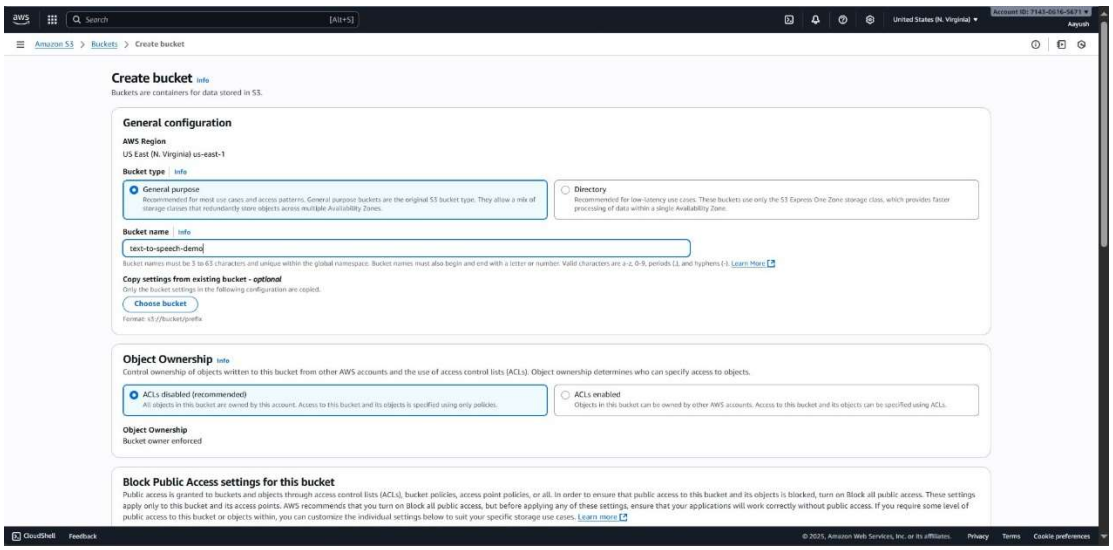
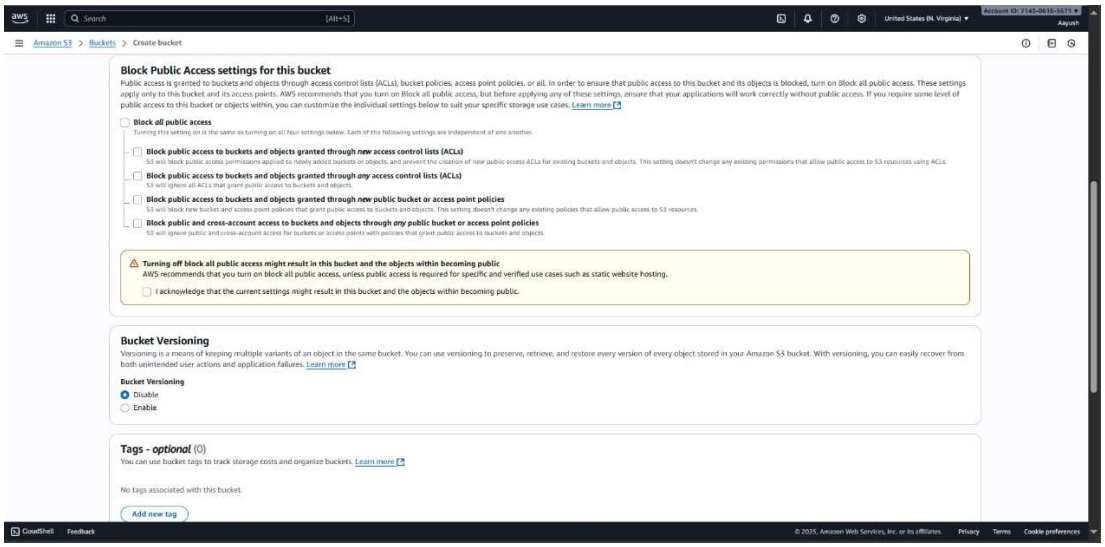
Deploy Static website on AWS S3

Step 1: - Create an S3 Bucket

- Go to AWS Management Console → S3.
- Click Create Bucket.
- Enter a unique bucket name
- Choose a **Region** close to your users.

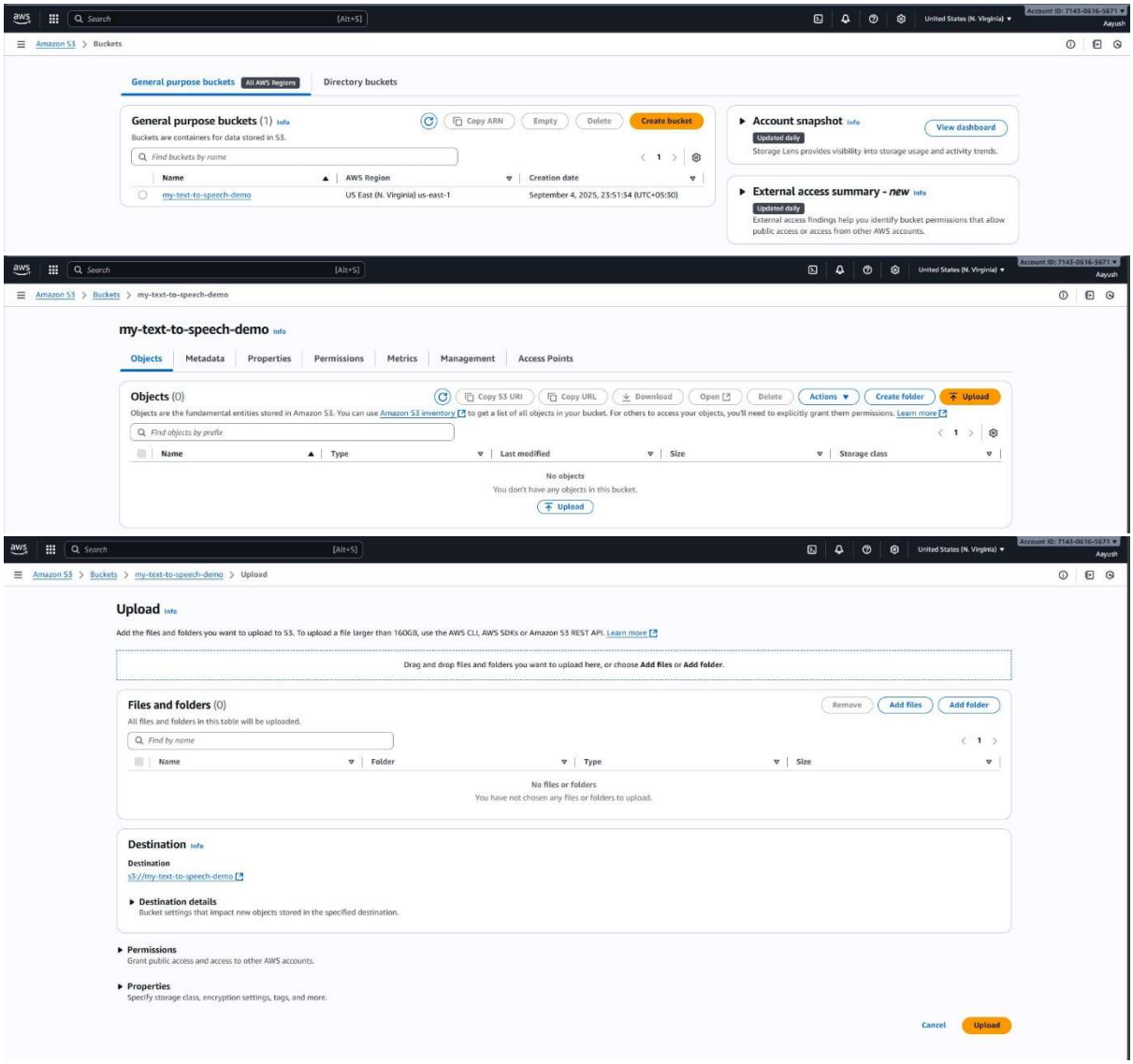


- Uncheck Block all public access (since a website needs public access).
- Acknowledge the warning and click Create bucket.



Step 2. Upload Website Files

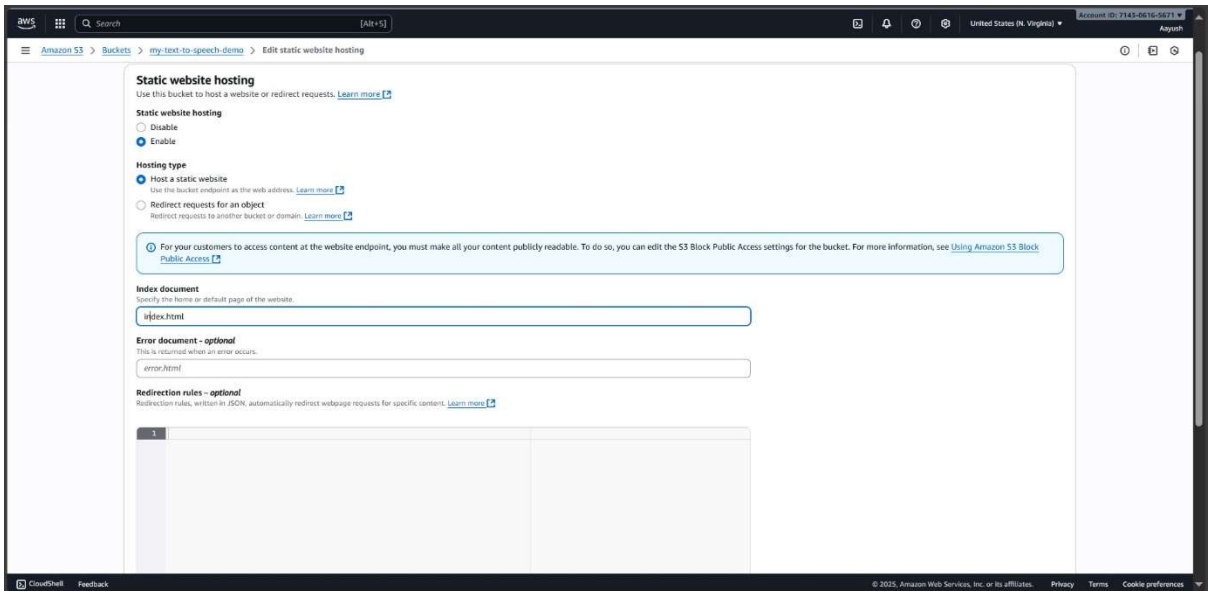
- Open the newly created bucket.
- Click Upload → Add your HTML, CSS, JS, images (your static website files).
- Upload all files and folders.
- After upload, ensure files are inside the bucket.



Step 3. Enable Static Website Hosting

- Go to the Properties tab of the bucket.
- Scroll down to Static website hosting.
- Select Enable.
- Choose Host a static website.
- Enter: Index document → index.html
- Save changes.

  👉 You'll now get a bucket website endpoint URL (something like http://my-portfolio-site.s3-website-us-east-1.amazonaws.com).

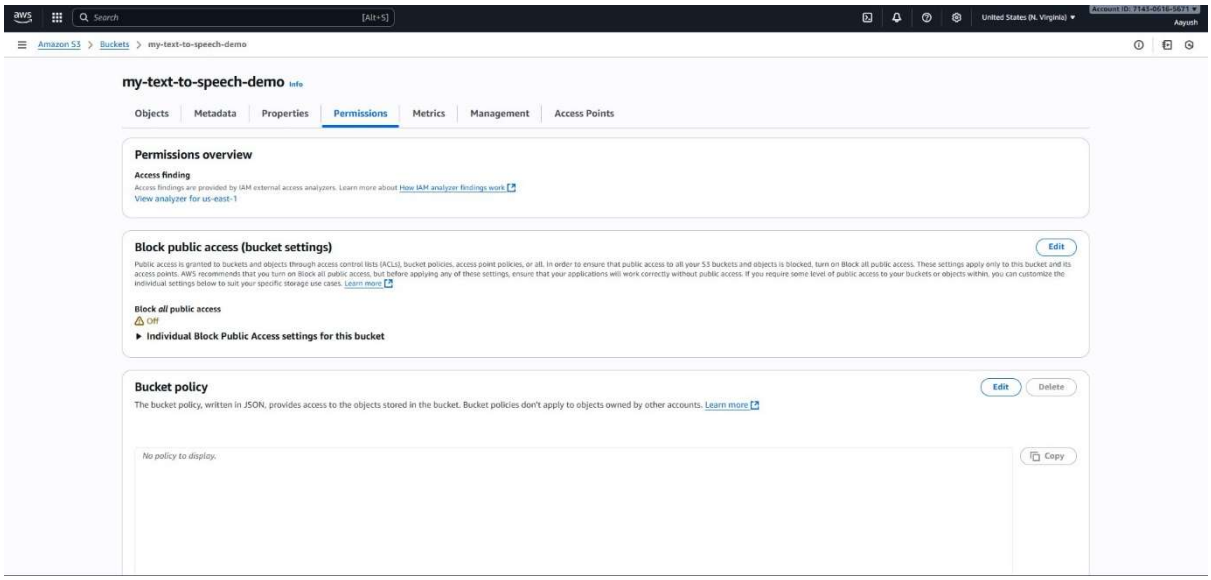


Step 4. Set Bucket Policy (Make Files Public)

- Go to the Permissions tab → Bucket policy.
- Add a policy like this (replace my-portfolio-site with your bucket name):

```
{
 "Version": "2012-10-17",
 "Statement": [
   {
    "Sid": "PublicReadGetObject",
    "Effect": "Allow",
    "Principal": "*",
    "Action": "s3:GetObject",
    "Resource": "arn:aws:s3:::SiteName/*"
   }
 ]
}
```

- Save changes.



Step 5. Test Your Website

- Copy the Website Endpoint URL from the Static website hosting section.
- Paste it in a browser → Your site should load 🎉.