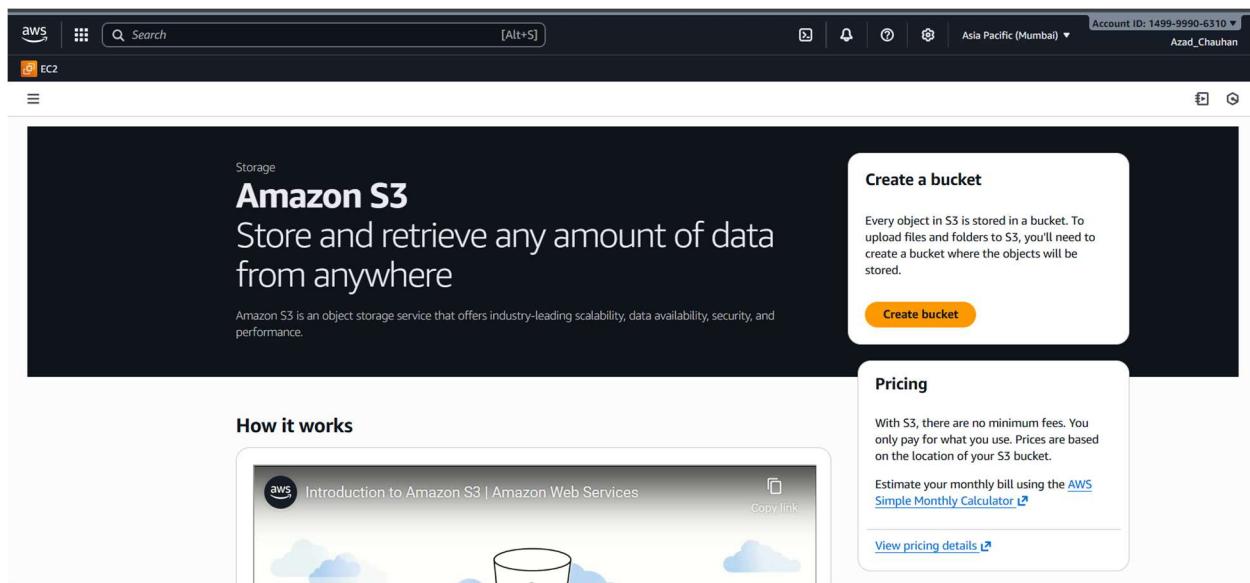


Host Static Website on S3 With Versioning

◆ Step 1: Login to AWS Console

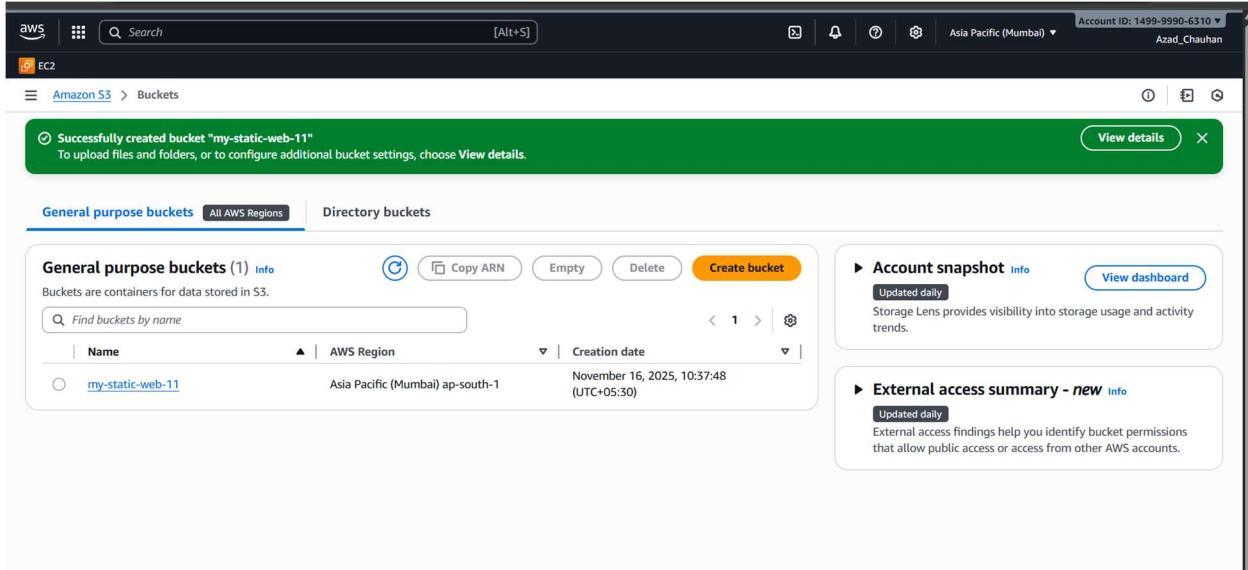
1. Go to **AWS Management Console**
2. Search **S3**
3. Click **Create Bucket**



◆ Step 2: Create an S3 Bucket

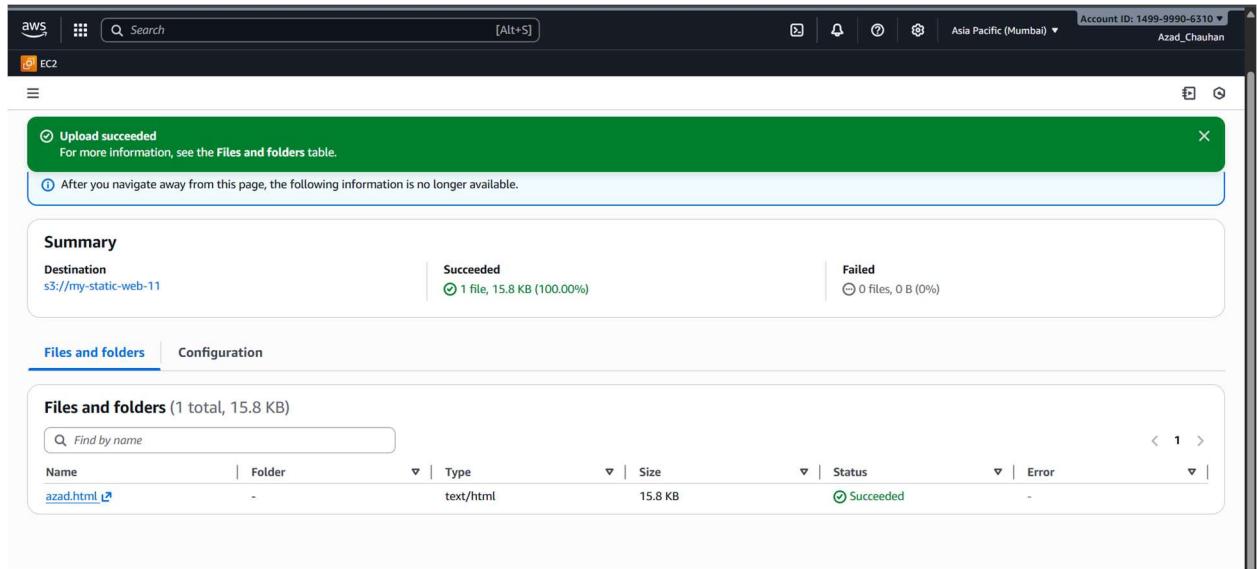
While creating the bucket:

1. **Bucket name:** example → my-static-web-11
2. **Region:** Choose nearest to you
3. **Uncheck** “Block all public access”
4. Tick “I acknowledge...”
5. Scroll down → **Enable Bucket Versioning**
 - Set it to **Enabled**
6. Click **Create Bucket**



◆ Step 3: Upload Website Files

1. Open your bucket
2. Click **Upload**
3. Add files:
 - index.html
 - style.css
 - images, JS, etc.
4. Click **Upload**
5. **AWS Console → S3 → Click your bucket**



Step 4:

AWS Console → S3 → Click your bucket → Permissions → Bucket Policy → Edit → Click on Policy Generator (If Option is not available policy generator you simply in your browser AWS Policy Generator)

In Policy Generator:

1. Select Type of Policy:
→ **S3 Bucket Policy**
2. Principal:
→ *
(means anyone can access)
3. Actions:
Select:
✓ **GetObject**
4. ARN:
Write your bucket ARN like this:
5. **arn:aws:s3:::your-bucket-name/***
6. Click “Add Statement”
7. Click “Generate Policy”

Azad Chauhan

The screenshot shows the AWS Policy Generator interface. On the left, there's a sidebar with an 'Amazon Resource Name (ARN)' input field and a 'Statements added (1)' section. In the main area, a 'Policy JSON Document' tab is open, displaying the following JSON code:

```
1  [ { "Version": "2012-10-17", "Statement": [ { "Sid": "Statement1", "Effect": "Allow", "Principal": "*", "Action": [ "s3:GetObject" ], "Resource": "arn:aws:s3:::my-static-web-11" } ] }
```

Below the code, a note states: "Click below to edit. To save the policy, copy the text below to a text editor. Changes made below will not be reflected in the policy generator tool." There are 'Close' and 'Copy Policy' buttons at the bottom right.

Step 4 — Copy Policy & Paste in Bucket Policy → Click on save Changes

The screenshot shows the AWS S3 Bucket Policy editor. The left sidebar lists buckets, and the current bucket is 'my-static-web-11'. The main area shows a success message: 'Successfully edited bucket policy.' Below it is a 'Bucket policy' section with the following JSON code:

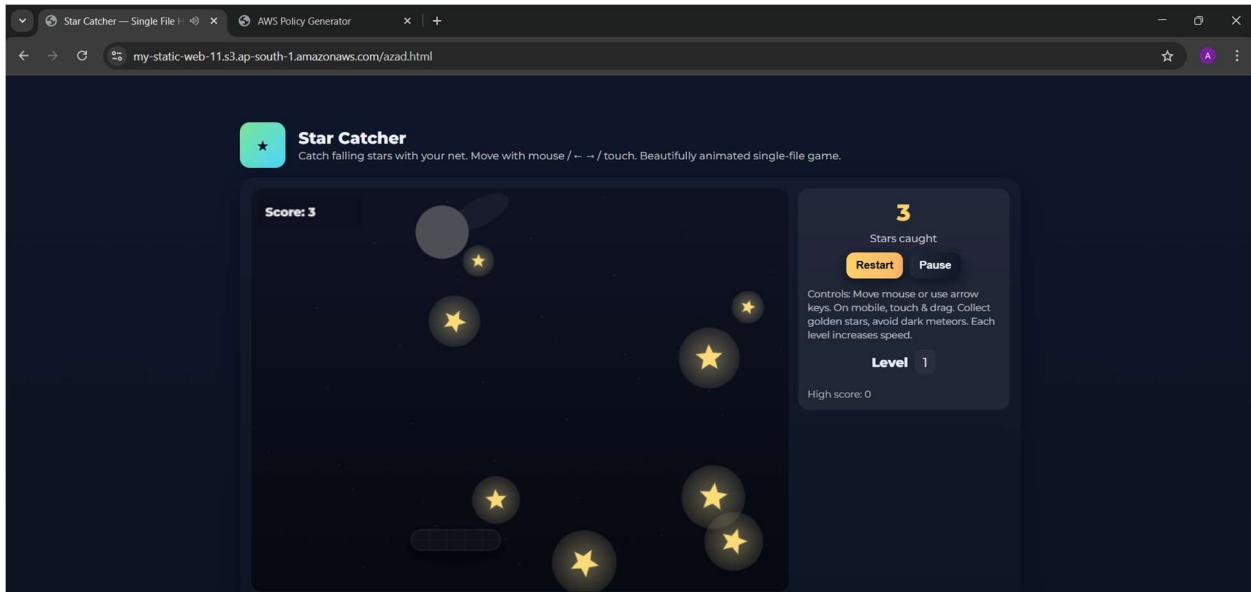
```
{ "Version": "2012-10-17", "Statement": [ { "Sid": "Statement1", "Effect": "Allow", "Principal": "*", "Action": [ "s3:GetObject" ], "Resource": "arn:aws:s3:::my-static-web-11/*" } ] }
```

There are 'Edit' and 'Delete' buttons at the top right of the policy editor.

Step 5: Get the Object URL

1. Go to **Objects** inside your bucket
2. Click the file you uploaded
3. Scroll to **Object URL**
4. Copy the URL → Open in Browser

5. If it Opens Successfully → you Launched your Static Website (I am Launched one html base game)



How to Upload a New Version in S3

Step 1: Go to your S3 bucket

- Open **AWS Console** → **S3**
- Click your **bucket name**

Step 2: Open the “Objects” tab

This shows all your current website files like:

- index.htm
- style.css
- images
- scripts

Step 3: Upload your new version

Click:

Upload → Add files → Select the new updated files

Important:

Upload using the **same file names** (example: index.html).

Step 4: Confirm upload

Click **Upload** again.

S3 will automatically create:

- **Old version (saved)**
- **New version (latest, shown by default)**

The screenshot shows the AWS S3 console interface. On the left, there's a sidebar with various options under 'Amazon S3' and 'General purpose buckets'. The main area is titled 'my-static-web-11' and shows the 'Objects' tab. There are two objects listed: 'azad.html' (version FBJXs4k0if0ZEVFO2D3.mUBLMwEODW4C) and 'azad.html' (version OcSzkej3hQjcPIMRQAe60GnTcQctg_Ka). The second object is highlighted. At the top right, there are buttons for 'Actions', 'Create folder', and 'Upload'. Below the objects, there's a note about using 'Amazon S3 inventory' to get a list of all objects in your bucket.

Refresh your browser and visit the same URL . You will able to see the updated version.

The screenshot shows a web browser displaying a game titled 'Catch the Falling Stars'. The game interface includes a score of 0, a 'Start' button, and a 'Reset' button. A stats panel on the right shows: Level 1, Lives 3, Stars Caught 0, and Missed 0. Below the stats, there's a 'How to play' section with instructions: 'Move the basket with mouse or touch, or use Left / Right arrow keys.', 'Catch falling stars to score points.', and 'Miss 3 times and game is over. Level up increases difficulty.' At the bottom, there are buttons for 'Sound: On' and 'Download Score'.