TASK-1 REPORT

Task-1: Cloud Storage Setup using AWS S3

Name: Amar K Kalbande

Internship: Cloud Computing Virtual Internship (CODTECH)

Task Number: Task-1- CLOUD STORAGE SETUP

INTERN ID:CT04DR2400

Cloud Platform: Amazon Web Services (AWS)

Duration: 1 MONTH

Objective

The objective of this task is to create and configure cloud storage using Amazon S3, upload example files, and configure access permissions to verify public accessibility.

Tools Used

- Amazon Web Services (AWS)

- Amazon S3 (Simple Storage Service)

steps Performed

Write this:

1. Logged in to the AWS Management Console.

2. Created an Amazon S3 bucket in the Mumbai region.

3. Uploaded example files such as image, text, and PDF files.

4. Disabled Block Public Access settings for demonstration.

5. Configured a bucket policy to allow public read access.

6. Verified access by opening the file directly in a web browser

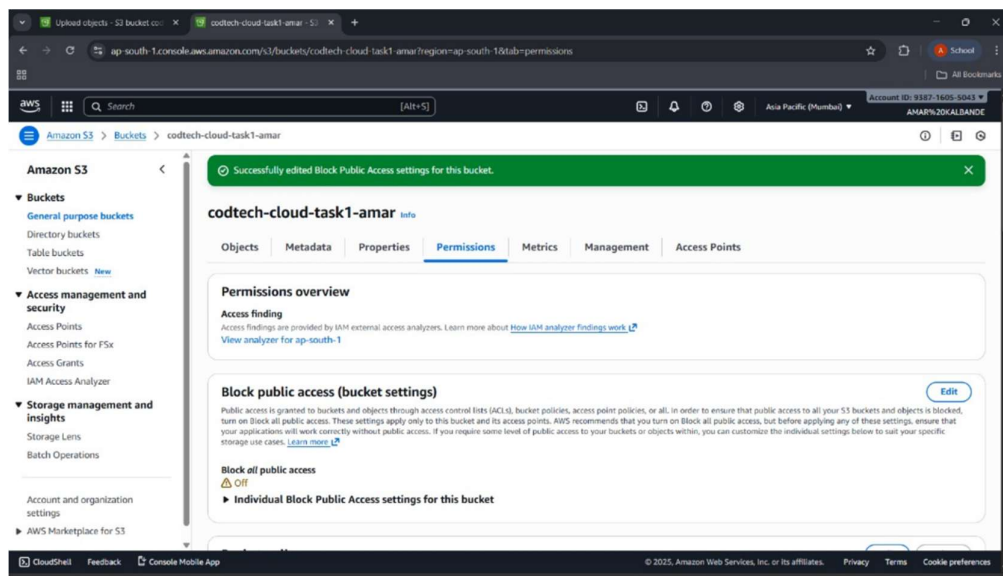## Screenshot 1: Bucket Created
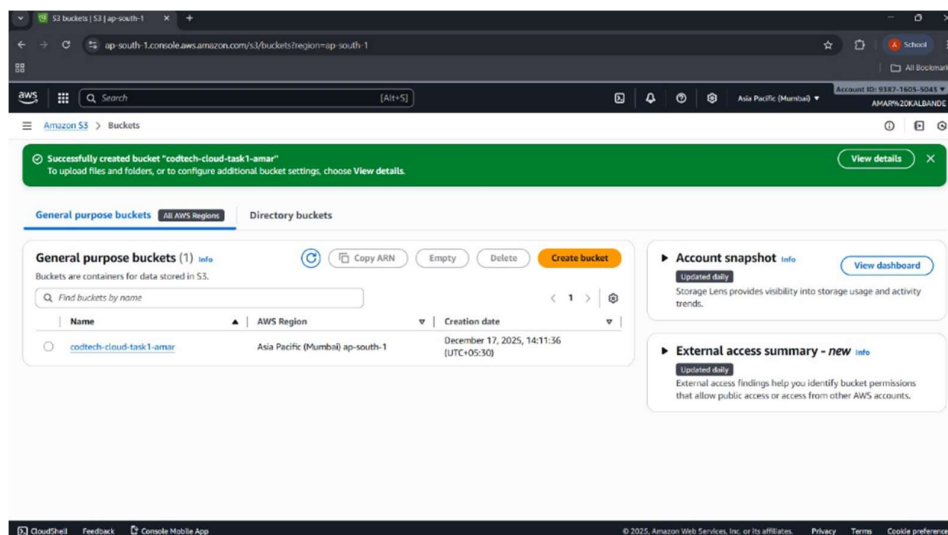
Amazon S3 bucket was successfully created.
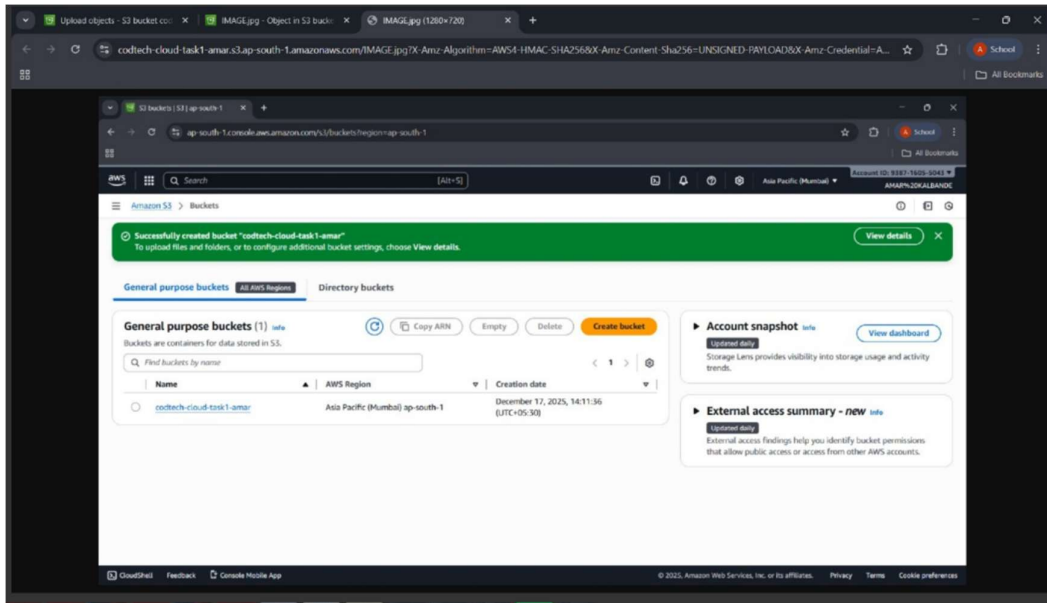
Screenshot 2: Files Uploaded
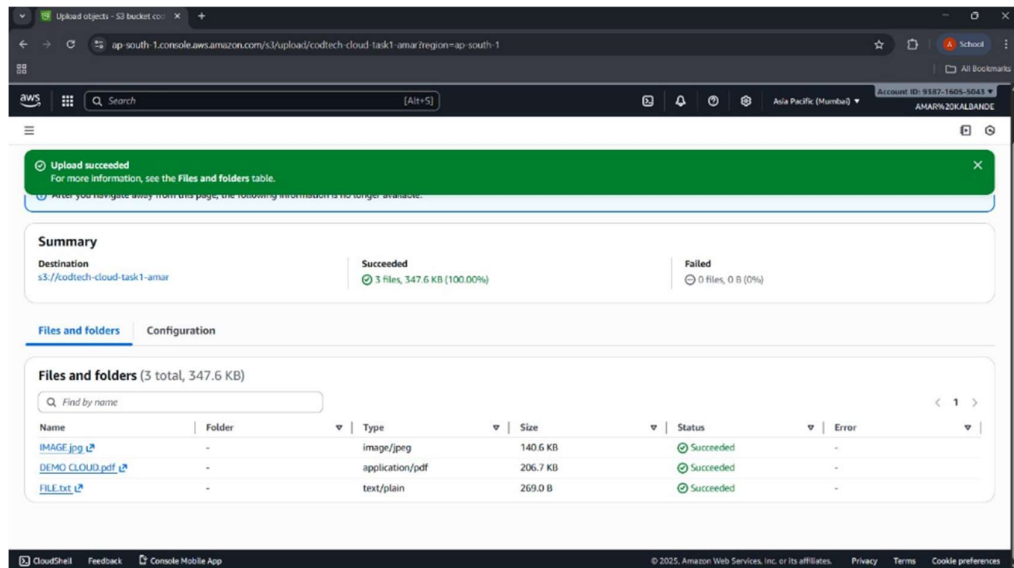
Example files were uploaded to the S3 bucket.
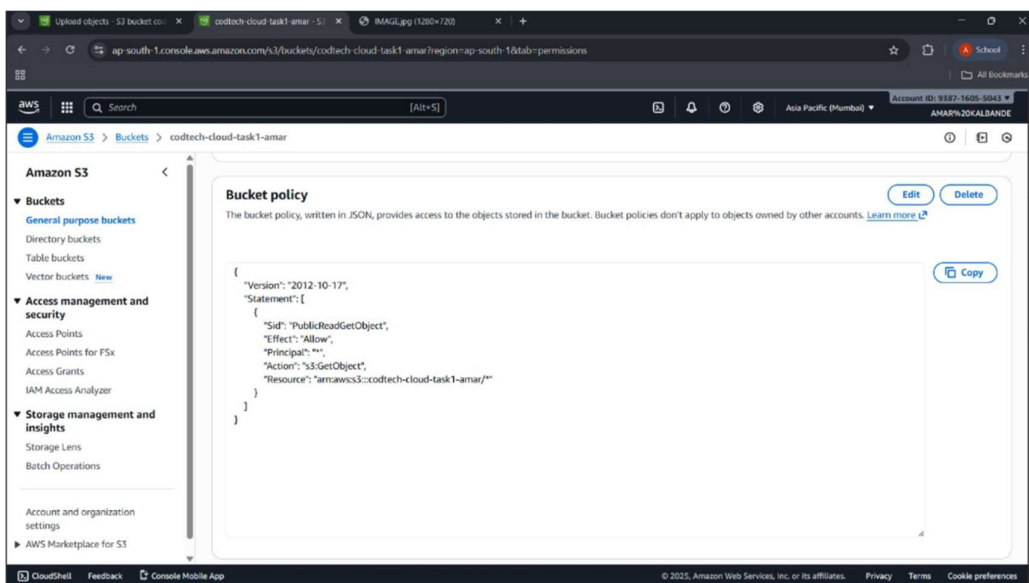
Screenshot 3: Block Public Access Disabled

Block public access was disabled to allow controlled public access.

Screenshot 4: File Opened in Browser

The file was accessed directly from the browser, confirming public access.

Screenshot 5: Bucket Policy JSON

Bucket policy was configured using JSON to allow read access.

Result

The Amazon S3 bucket was successfully created, files were uploaded, and access permissions were configured. Public access was verified by opening the file directly in a browser.

Conclusion

This task helped in understanding cloud storage concepts, access control, and secure file sharing using AWS S3.

References

- AWS Documentation
- CODTECH Internship Guidelines