

# PERSONAL PORTFOLIO USING S3 STATIC WEBSITE HOSTING

**DHANUSH M**

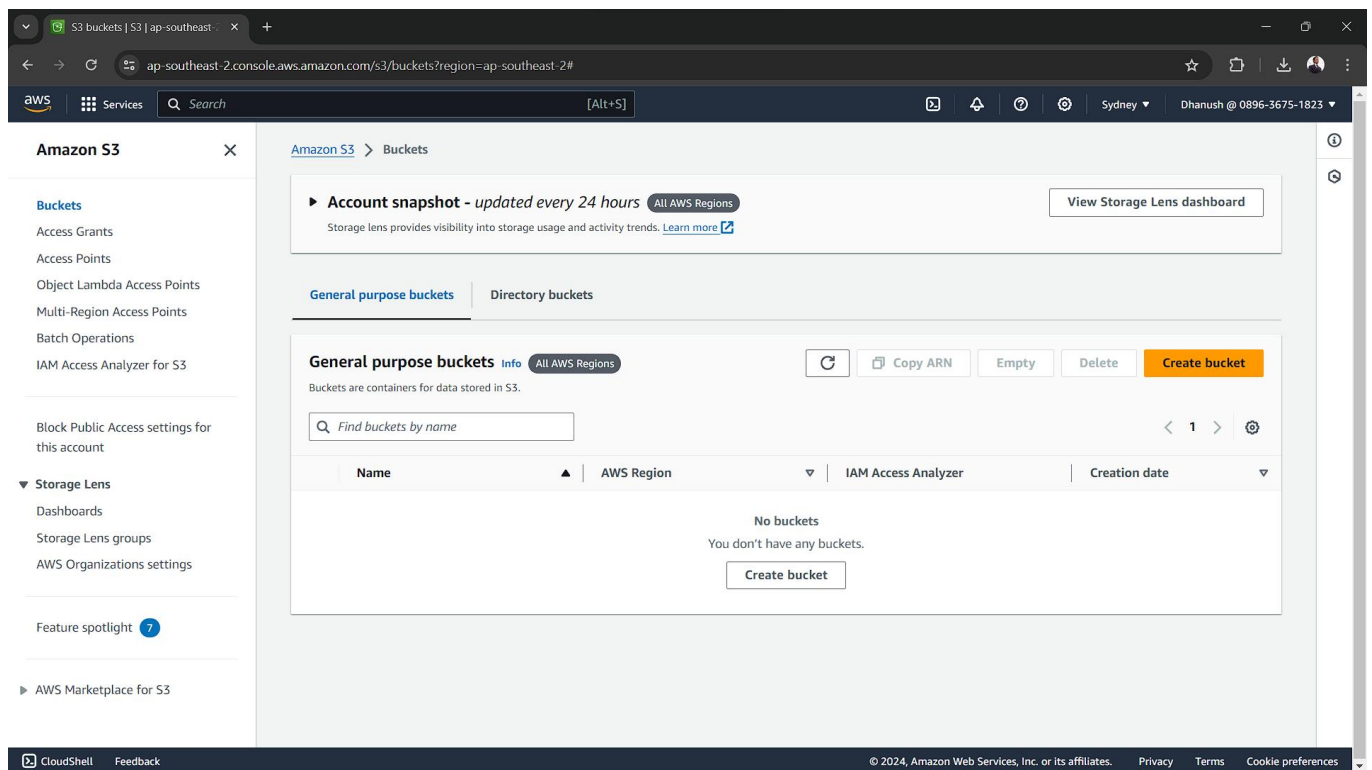
**21ISR009**

**3rd YEAR**

**MSC SOFTWARE SYSTEMS**

## STEPS:

### 1. OPEN BUCKETS IN S3



## 2. CREATE BUCKET WITH ACLs ENABLED

Create S3 bucket | S3 | ap-southeast-2

ap-southeast-2.console.aws.amazon.com/s3/bucket/create?region=ap-southeast-2&bucketType=general

Services Search [Alt+S]

Sydney Dhanush @ 0896-3675-1823

Amazon S3 > Buckets > Create bucket

Create bucket Info

Buckets are containers for data stored in S3.

General configuration

AWS Region

Asia Pacific (Sydney) ap-southeast-2

Bucket name Info

myportfolio

Bucket name must be unique within the global namespace and follow the bucket naming rules. See rules for bucket naming

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

Object Ownership Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

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S3 buckets | S3 | ap-southeast-2

ap-southeast-2.console.aws.amazon.com/s3/buckets?region=ap-southeast-2&bucketType=general

Services Search [Alt+S]

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Amazon S3 > Buckets

Account snapshot - updated every 24 hours All AWS Regions

Storage lens provides visibility into storage usage and activity trends. Learn more

View Storage Lens dashboard

General purpose buckets

Directory buckets

General purpose buckets (1) Info All AWS Regions

Refresh Copy ARN Empty Delete Create bucket

Buckets are containers for data stored in S3.

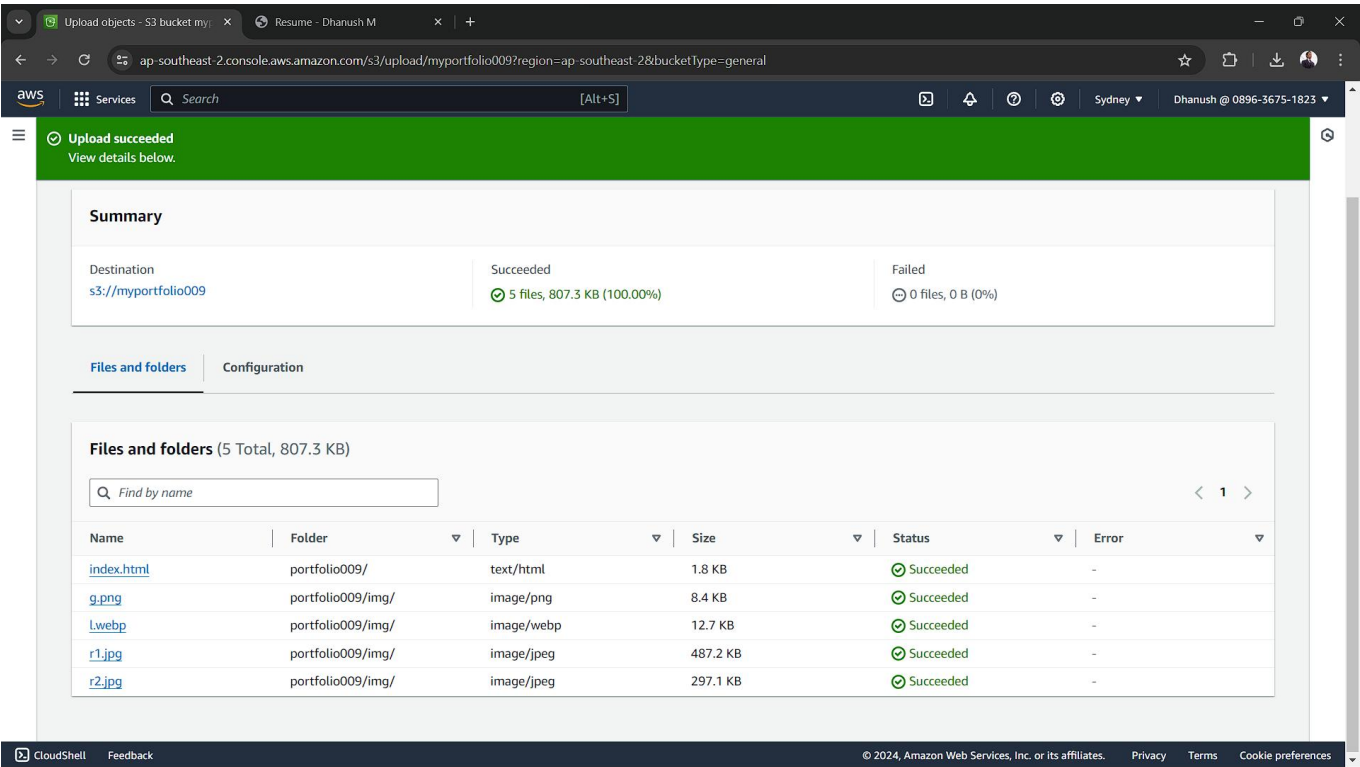
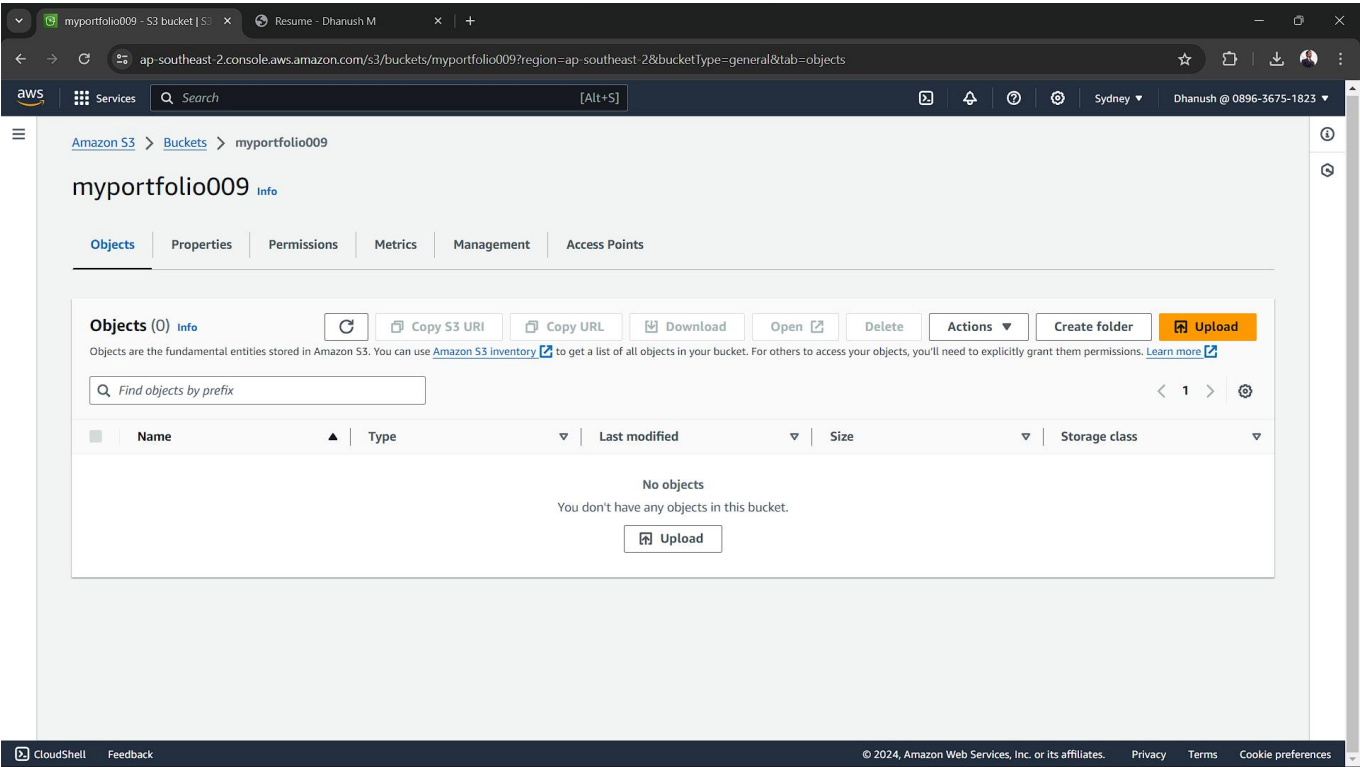
Find buckets by name

< 1 > Settings

Name	AWS Region	IAM Access Analyzer	Creation date
<input type="radio"/> <a href="#">myportfolio009</a>	Asia Pacific (Sydney) ap-southeast-2	<a href="#">View analyzer for ap-southeast-2</a>	May 12, 2024, 20:16:52 (UTC+05:30)

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### 3. CLICK ON UPLOAD AND UPLOAD THE PORFOLIO DIRECTORY



## 4.ENABLE STATIC HOSTING

The screenshot shows the 'Edit static website hosting' page in the AWS console. The page is titled 'Edit static website hosting' with 'Info' and 'Info' tabs. The main content area is titled 'Static website hosting' and includes a description: 'Use this bucket to host a website or redirect requests. [Learn more](#)'. Below this, there are two sections: 'Static website hosting' and 'Hosting type'. The 'Static website hosting' section has two radio buttons: 'Disable' and 'Enable', with 'Enable' selected. The 'Hosting type' section has two radio buttons: 'Host a static website' and 'Redirect requests for an object', with 'Host a static website' selected. Below these sections, there is a blue box with an information icon and text: 'For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)'. Below this, there are two text input fields: 'Index document' (containing 'index.html') and 'Error document - optional' (containing 'error.html'). At the bottom, there is a section for 'Redirection rules - optional'.

The screenshot shows the 'Properties' page for the 'myportfolio009' bucket in the AWS console. The page is titled 'myportfolio009 - S3 bucket | S3' and includes a green notification bar at the top: 'Successfully edited static website hosting.' Below this, there are three sections: 'Object Lock', 'Requester pays', and 'Static website hosting'. The 'Object Lock' section shows 'Object Lock' and 'Disabled'. The 'Requester pays' section shows 'Requester pays' and 'Disabled', with an 'Edit' button. The 'Static website hosting' section shows 'Static website hosting' and 'Enabled', 'Hosting type', 'Bucket hosting', and 'Bucket website endpoint'. Below these, there is a text input field for the 'Bucket website endpoint' containing the URL 'http://myportfolio009.s3-website-ap-southeast-2.amazonaws.com'. At the bottom, there is a section for 'Redirection rules - optional'.

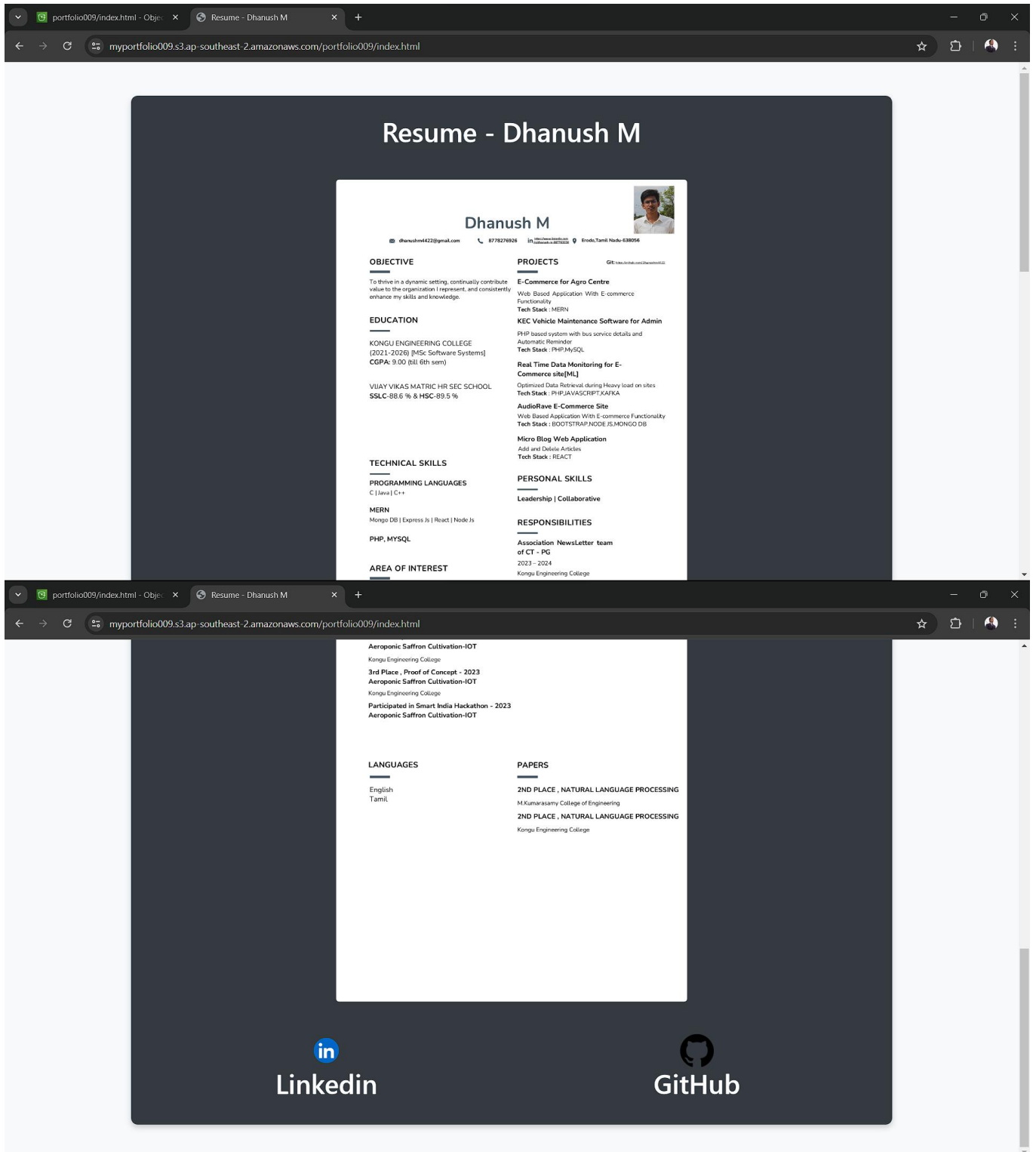
## 4. EDIT BUCKET POLICY

The screenshot shows the AWS Management Console interface for editing the bucket policy of 'myportfolio009' in the 'ap-southeast-2' region. The breadcrumb navigation is 'Amazon S3 > Buckets > myportfolio009 > Edit bucket policy'. The page title is 'Edit bucket policy' with an 'Info' link. Below the title, there's a 'Bucket policy' section with a description and links for 'Policy examples' and 'Policy generator'. The 'Bucket ARN' is 'arn:aws:s3::myportfolio009'. The 'Policy' section displays a JSON policy with a single statement 'PublicReadGetObject' that allows GET actions on the bucket. To the right, the 'Edit statement' panel is visible, showing a 'Select a statement' dropdown and an 'Add new statement' button. The bottom of the console shows 'CloudShell' and 'Feedback' links, along with the copyright notice '© 2024, Amazon Web Services, Inc. or its affiliates.' and links for 'Privacy', 'Terms', and 'Cookie preferences'.

## 5. ACCESS THE ENDPOINT URL

The screenshot shows the AWS Management Console interface for the 'index.html' object in the 'myportfolio009' bucket. The breadcrumb navigation is 'Amazon S3 > Buckets > myportfolio009 > portfolio009/ > index.html'. The page title is 'index.html' with an 'Info' link. Above the 'Object overview' section, there are buttons for 'Copy S3 URI', 'Download', 'Open', and 'Object actions'. The 'Object overview' section displays various metadata: Owner (nandhini.ssamy), AWS Region (Asia Pacific (Sydney) ap-southeast-2), Last modified (May 12, 2024, 20:36:29 (UTC+05:30)), Size (1.8 KB), Type (html), and Key (portfolio009/index.html). On the right, the 'S3 URI' is 's3://myportfolio009/portfolio009/index.html', the 'Amazon Resource Name (ARN)' is 'arn:aws:s3::myportfolio009/portfolio009/index.html', and the 'Entity tag (Etag)' is 'e65981c5a61fd31a85ba9f46a1179861'. A green tooltip with a checkmark and the text 'Object URL Copied' is displayed over the 'https://myportfolio009.s3.ap-southeast-2.amazonaws.com/portfolio009/index.html' link. The bottom of the console shows 'CloudShell' and 'Feedback' links, along with the copyright notice '© 2024, Amazon Web Services, Inc. or its affiliates.' and links for 'Privacy', 'Terms', and 'Cookie preferences'.

## 6. OPEN URL IN BROWSER



ENDPOINT URL BELOW :

<https://myportfolio009.s3.ap-southeast2.amazonaws.com/portfolio009/index.html>