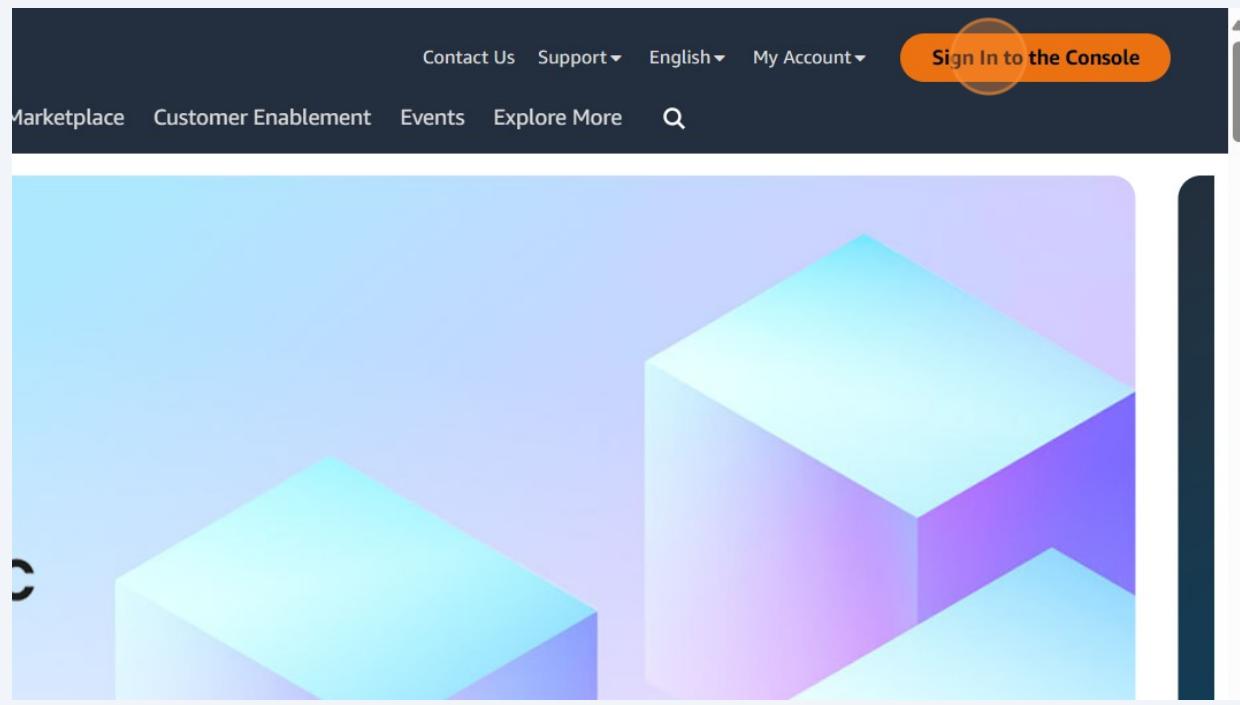


# Host static webpage on Amazon S3

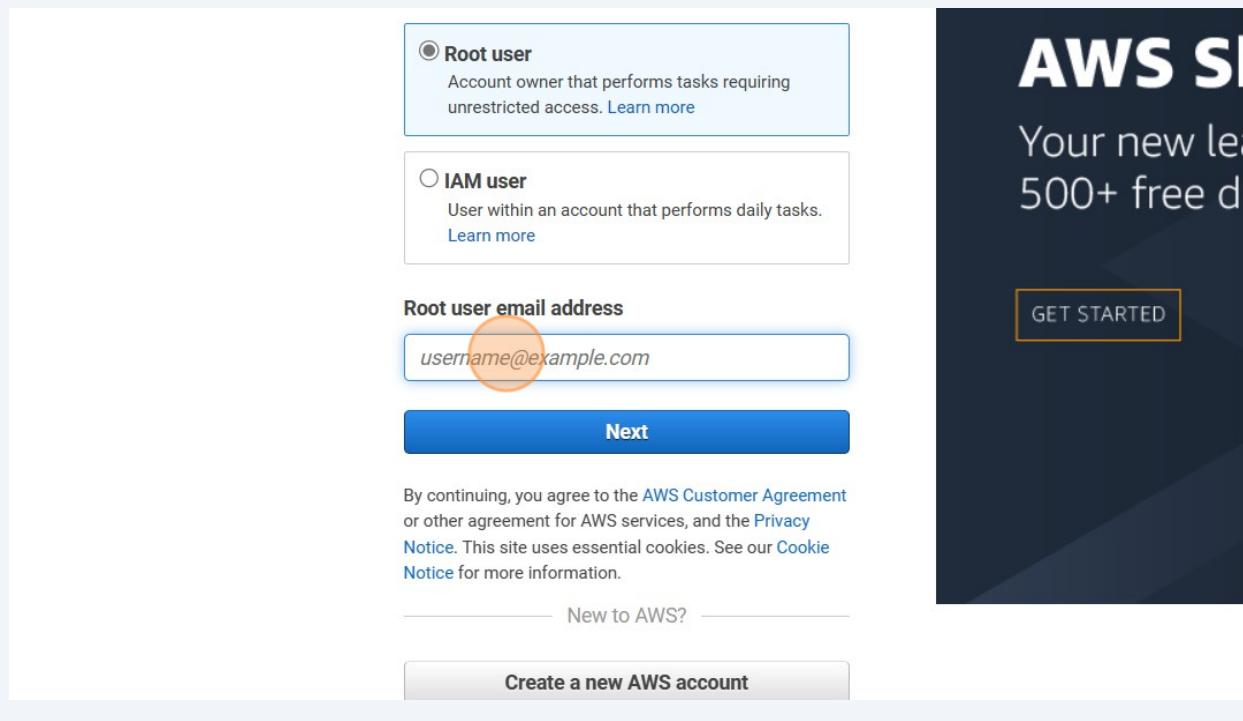


- 1 Navigate to <https://aws.amazon.com/>

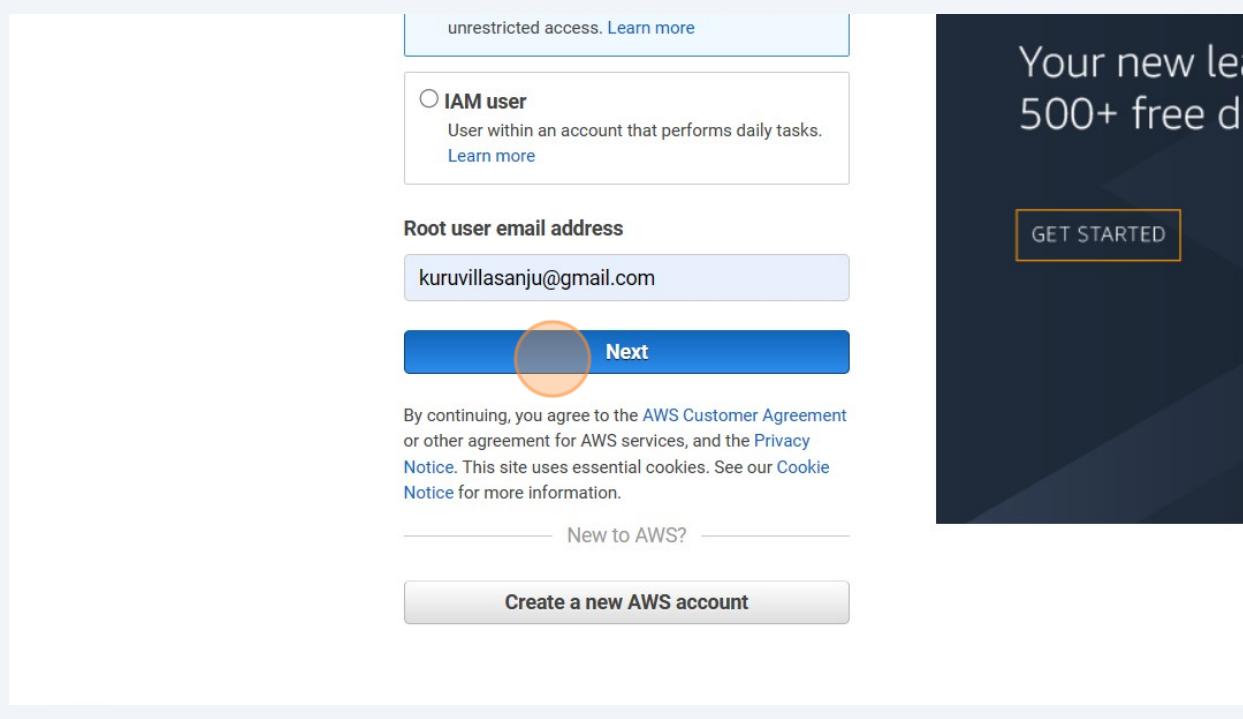
- 2 Click "Sign In to the Console"



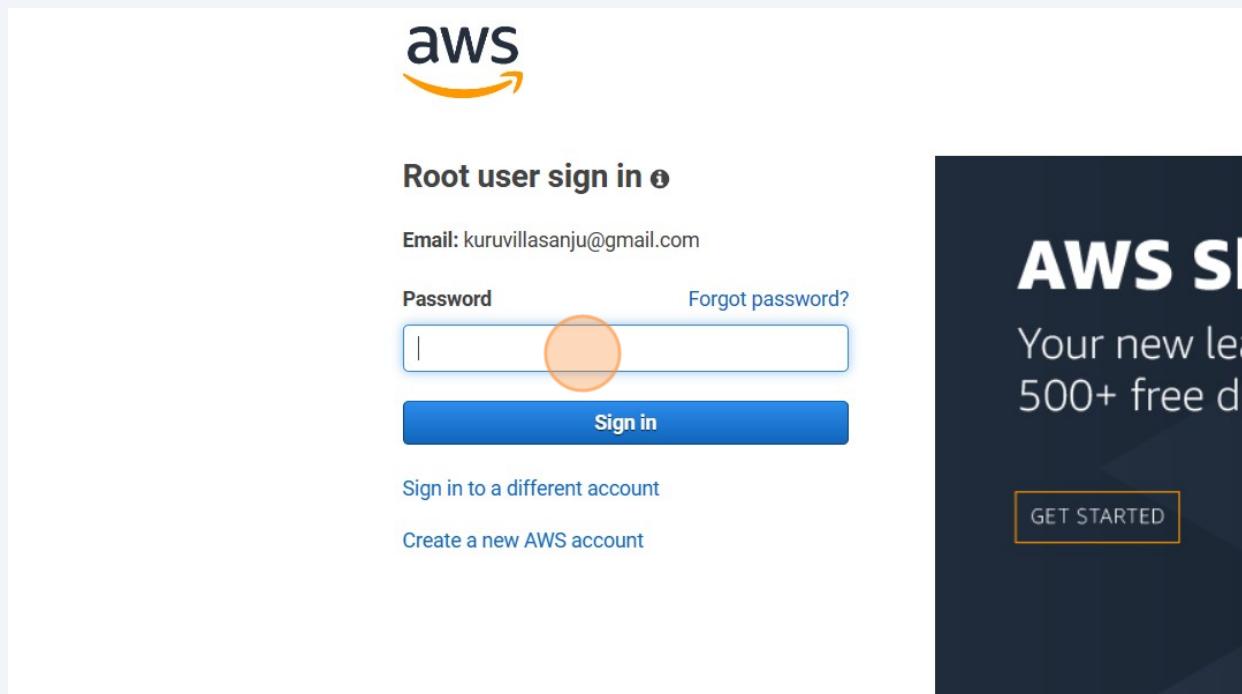
- 3 Click the "[username@example.com](mailto:username@example.com)" field.



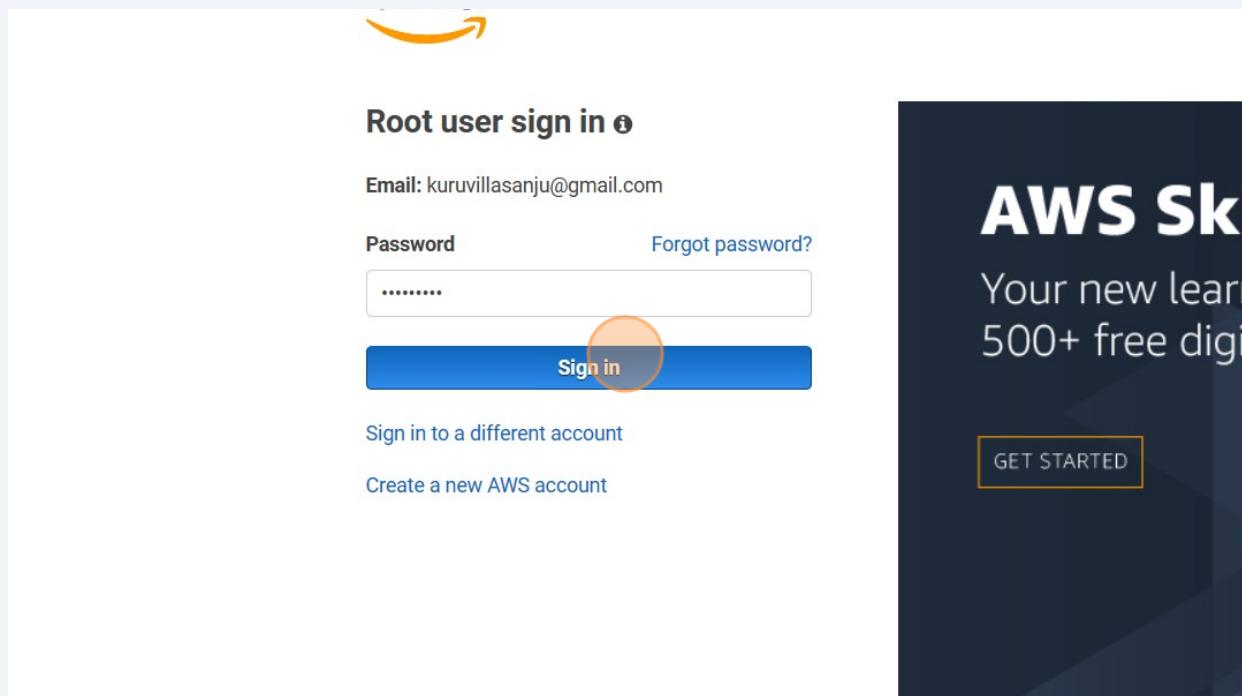
- 4 enter your email address and click "Next"



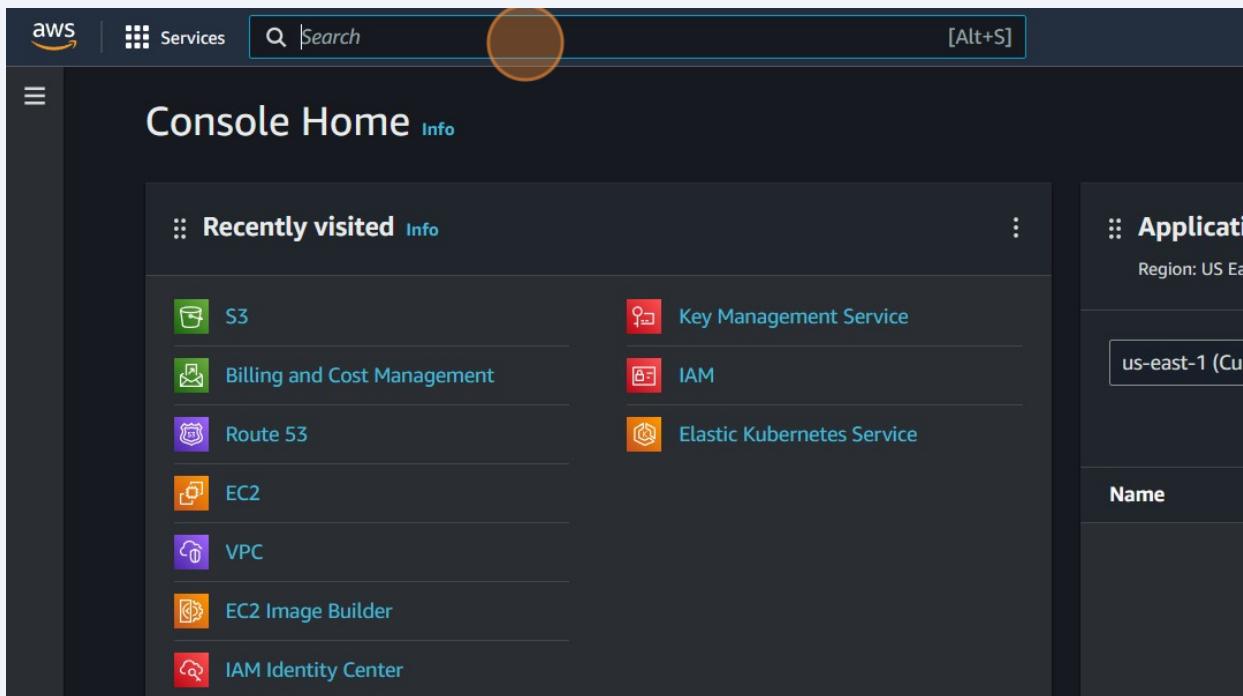
- 5 Click this password field.



- 6 Enter your Amazon web console login password and Click "Sign in"

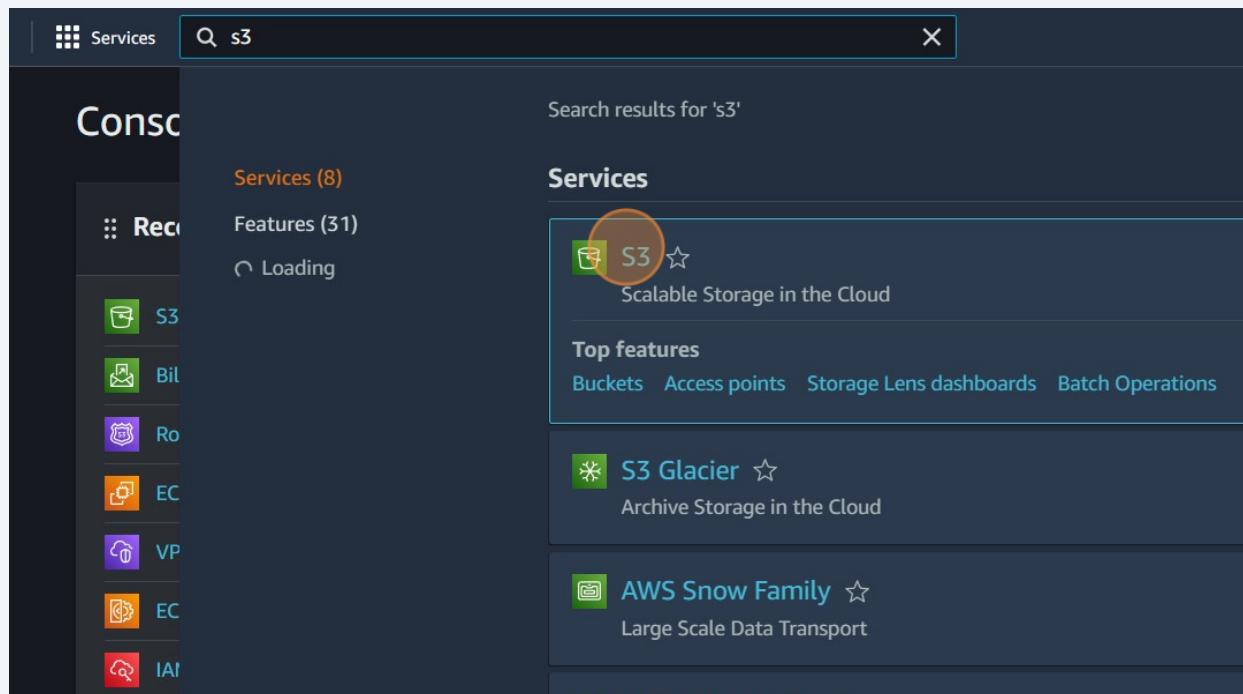


- 7 Click the "Search" field.

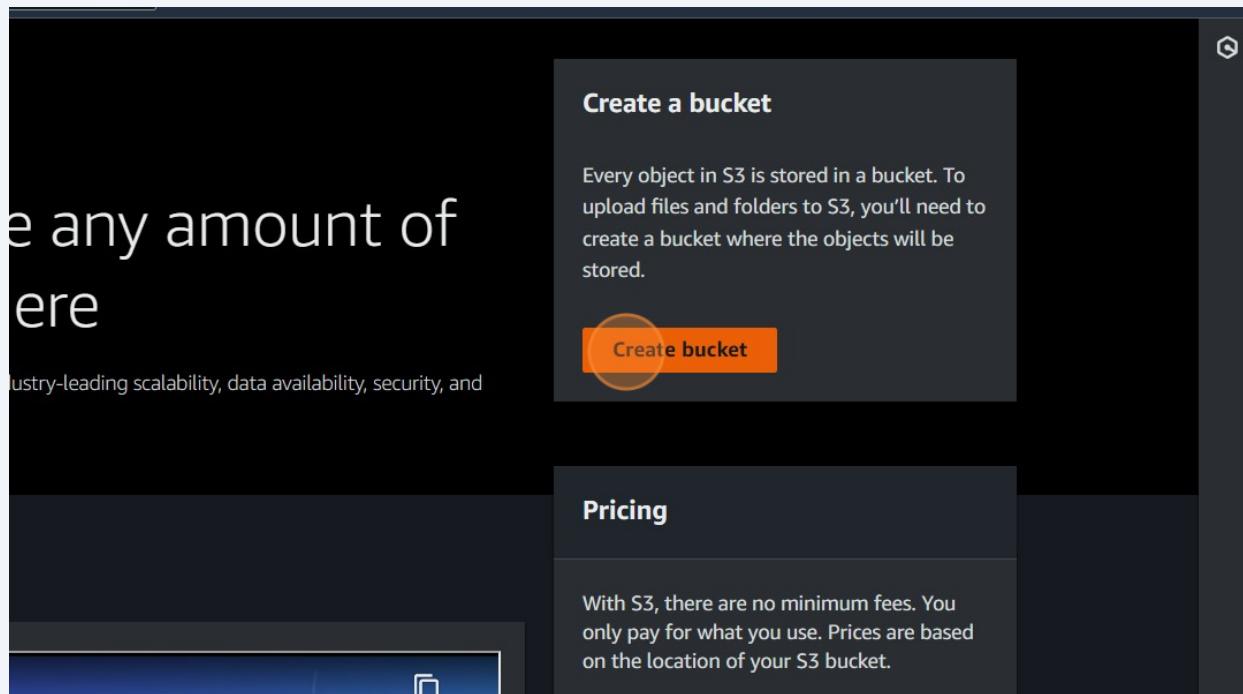


- 8 Type "s3"

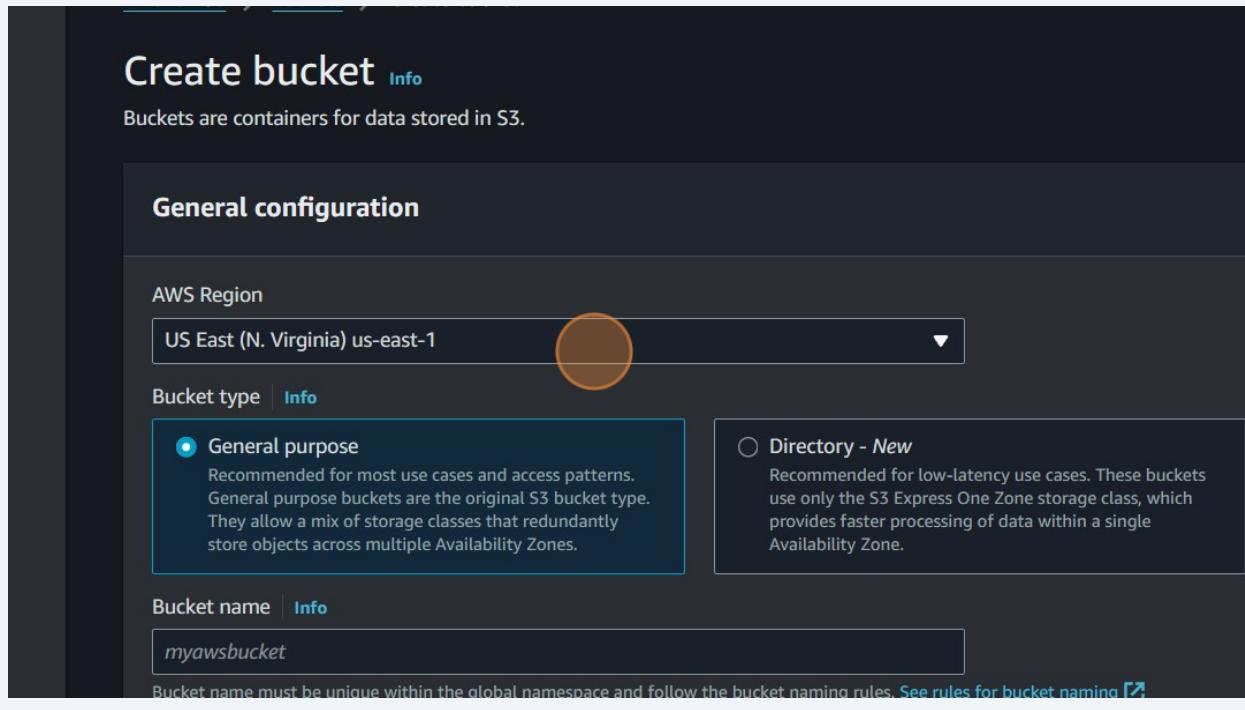
9 Click "S3"



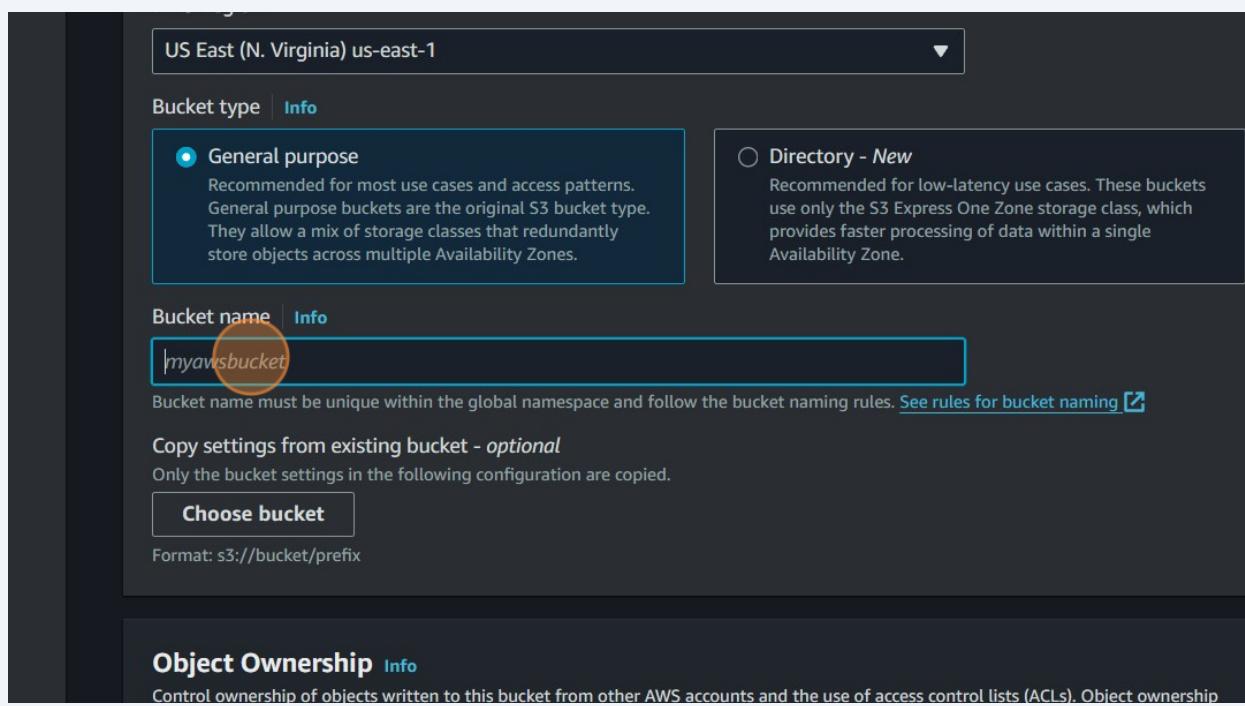
10 Click "Create bucket"



11 select "US East (N. Virginia) us-east-1"

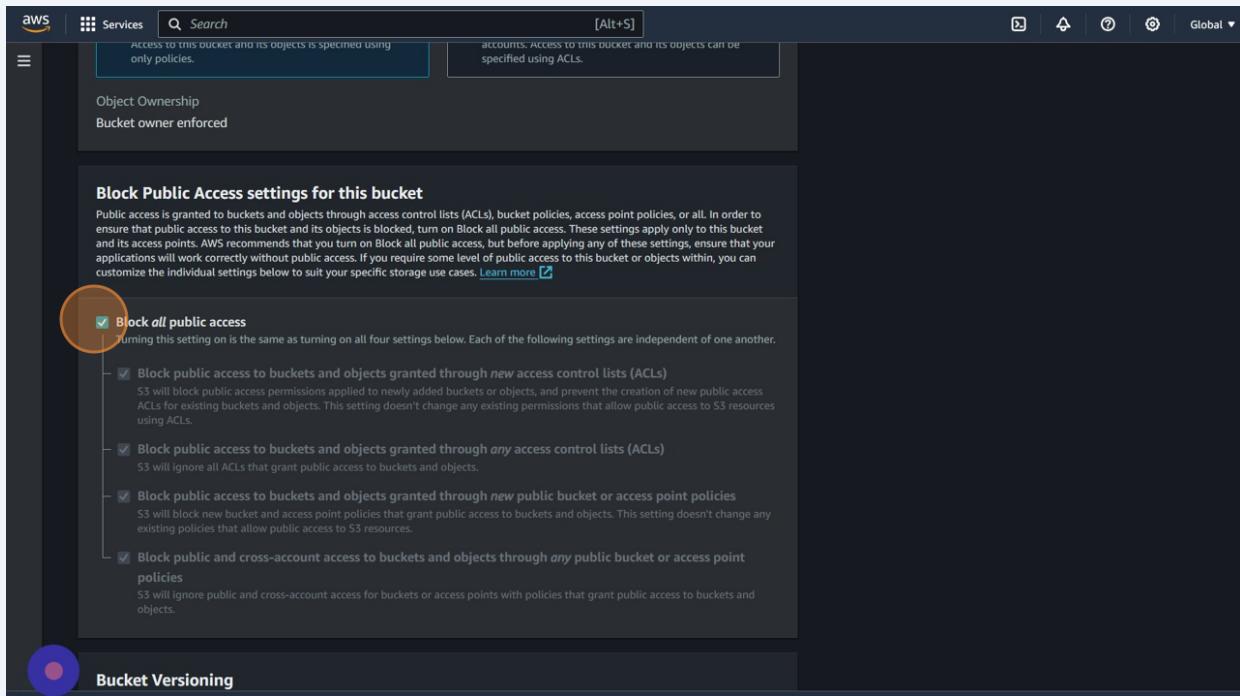


12 Click the "Bucket name" field.



## 13 Enter your bucket name "skkportfolio"

## 14 Uncheck the check box to make the bucket publicly accessible



The screenshot shows the 'Block Public Access settings for this bucket' section. A red circle highlights the first option, 'Block all public access'. Below it, there are four other options, each with a descriptive subtitle and a detailed explanatory paragraph.

- Block all public access**: Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.
  - Block public access to buckets and objects granted through new access control lists (ACLs)**: S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
  - Block public access to buckets and objects granted through any access control lists (ACLs)**: S3 will ignore all ACLs that grant public access to buckets and objects.
  - Block public access to buckets and objects granted through new public bucket or access point policies**: S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
  - Block public and cross-account access to buckets and objects through any public bucket or access point policies**: S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

## 15 Click this checkbox to acknowledge the warning

**Block public access to buckets and objects granted through *new* public bucket or access point policies**  
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

**Block public and cross-account access to buckets and objects through *any* public bucket or access point policies**  
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

**⚠ Turning off block all public access might result in this bucket and the objects within becoming public**  
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

I acknowledge that the current settings might result in this bucket and the objects within becoming public.

**⚠ You must select the check box to continue creating the bucket.**

## Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore

 CloudShell

Feedback

## 16 Click "Disable" to disable bucket key to cut the unwanted cost

Encryption type | [Info](#)

Server-side encryption with Amazon S3 managed keys (SSE-S3)

Server-side encryption with AWS Key Management Service keys (SSE-KMS)

Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)  
Secure your objects with two separate layers of encryption. For details on pricing, see [DSSE-KMS pricing](#) on the Storage tab of the [Amazon S3 pricing page](#).

**Bucket Key**  
Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#)

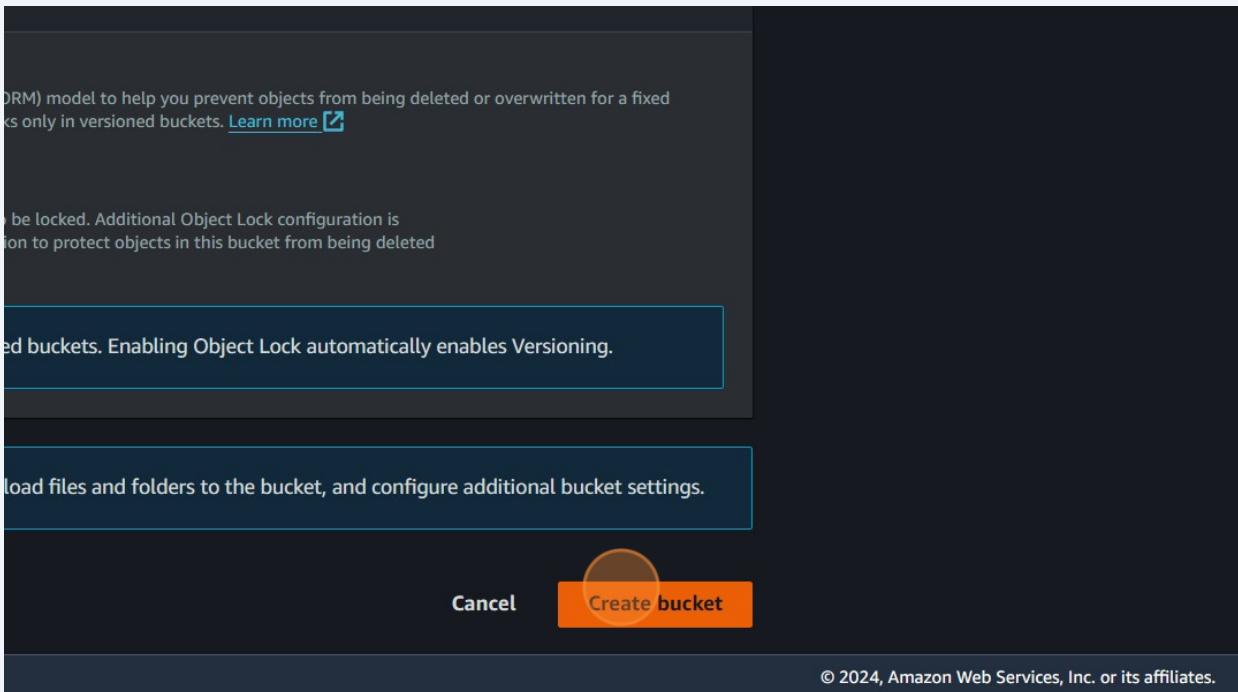
Disable

Enable

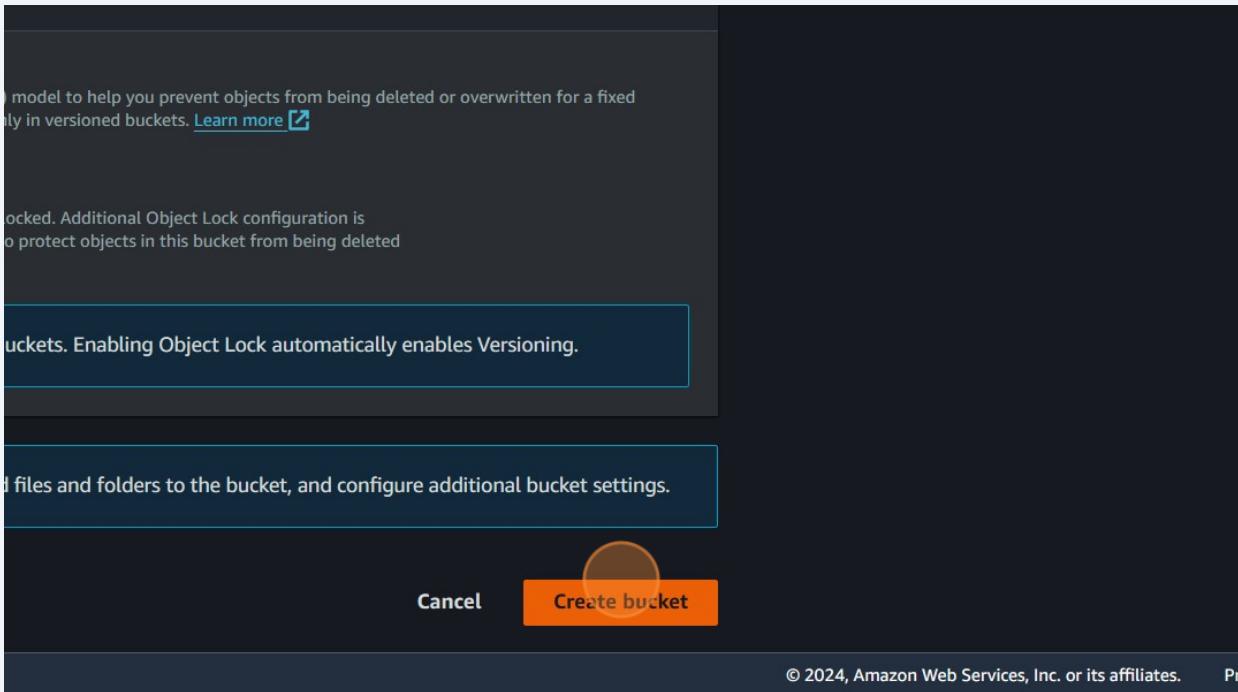
▶ **Advanced settings**

**①** After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

## 17 Click "Create bucket"



## 18 Click "Create bucket"



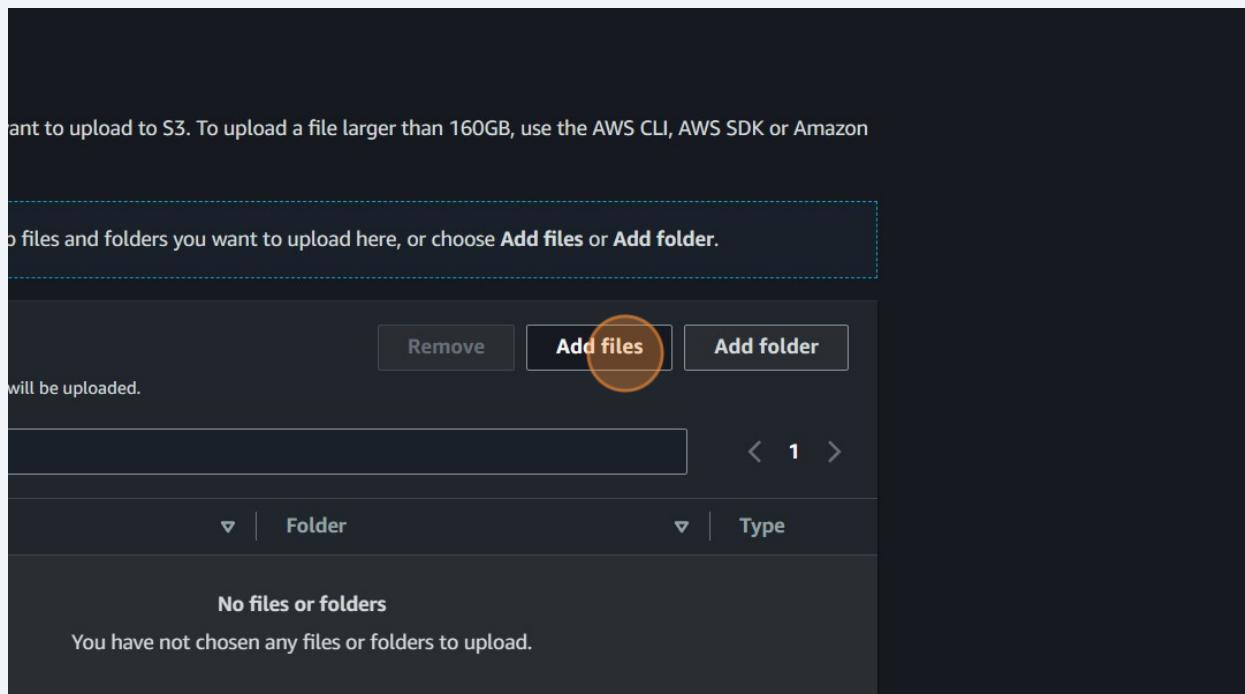
**19** Click "skkportfolio"

The screenshot shows the AWS S3 console interface. At the top, there are two tabs: 'General purpose buckets' (which is selected) and 'Directory buckets'. Below the tabs, a section titled 'General purpose buckets (1)' with a 'Info' link is displayed. A note states 'Buckets are containers for data stored in S3.' A search bar with the placeholder 'Find buckets by name' is present. The main table has columns for 'Name', 'AWS Region', and 'Access'. One row in the table is highlighted with an orange circle, corresponding to the bucket 'skkportfolio'. The 'Name' column shows 'skkportfolio', 'AWS Region' shows 'US East (N. Virginia) us-east-1', and 'Access' shows 'Objects can be public'. At the bottom left of the interface is a purple circular icon with a white dot.

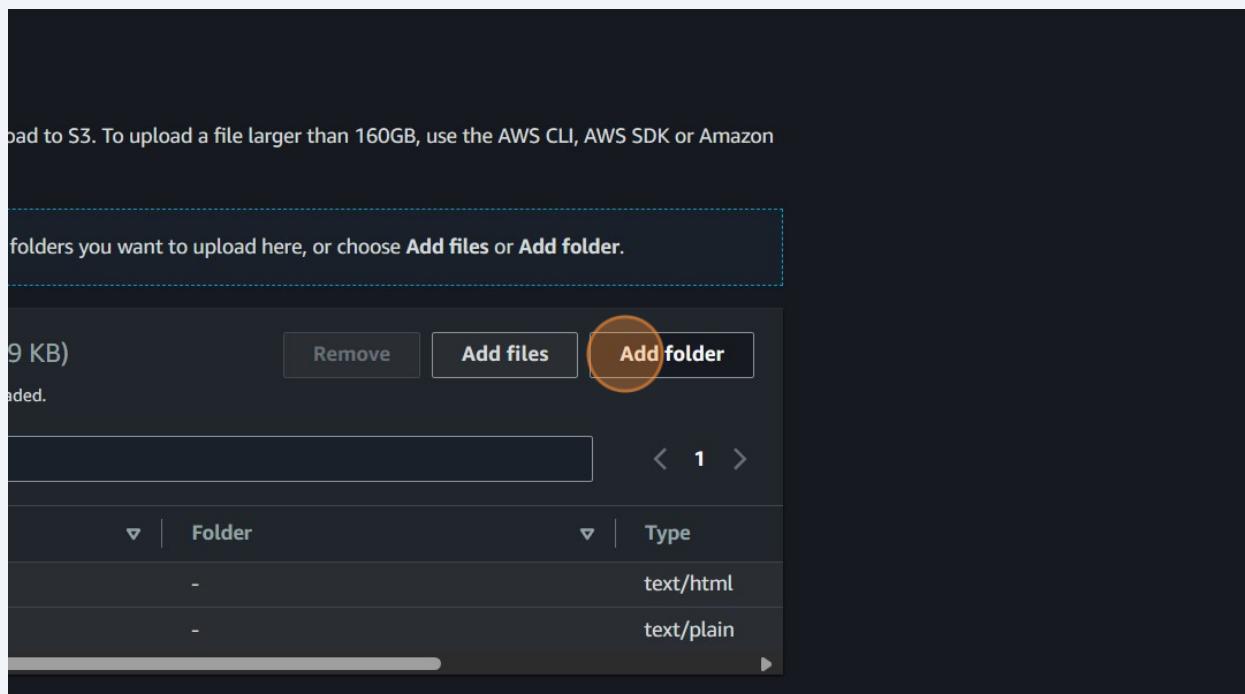
**20** Click "Upload"

The screenshot shows the contents of the 'skkportfolio' bucket. A message at the top reads: 'Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permission.' Below this, a table header with columns 'Type', 'Last modified', 'Size', and 'Storage class' is visible. The main area displays the message 'No objects' and the sub-message 'You don't have any objects in this bucket.' A prominent 'Upload' button with a cloud icon is centered at the bottom of the page, highlighted with an orange circle.

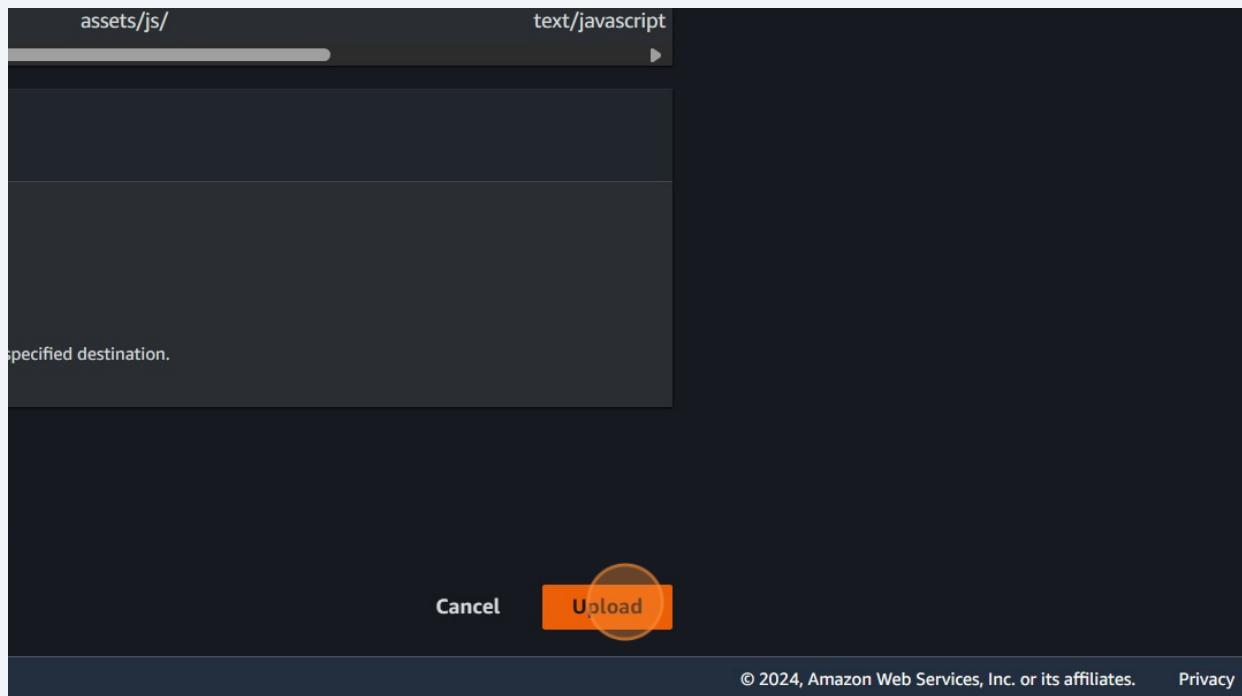
**21** Click "Add files" and upload the files of your webpage



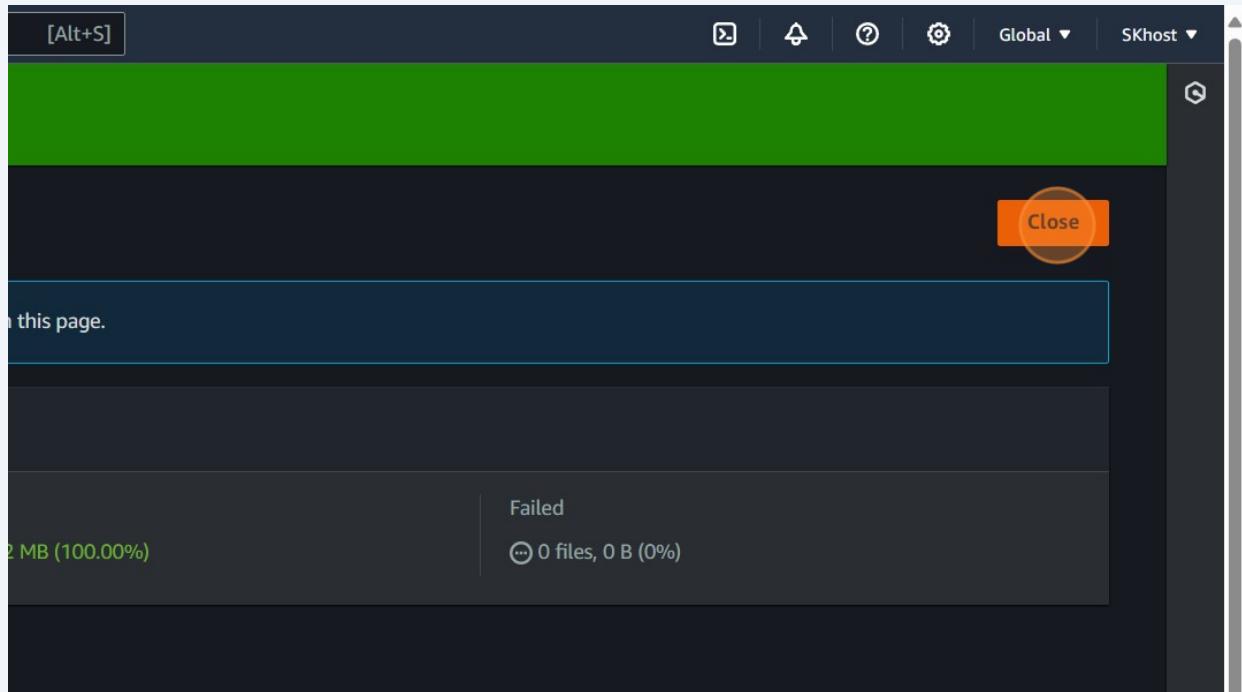
**22** Click "Add folder" to upload the folders in the bucket



**23** Click "Upload"



**24** Click "Close"



## 25 Click "Permissions"

The screenshot shows the AWS S3 console interface. At the top, there's a navigation bar with the AWS logo, 'Services' dropdown, a search bar containing 'Search [Alt+S]', and a menu icon. Below the navigation bar, the breadcrumb path 'Amazon S3 > Buckets > skkportfolio' is visible. The main title 'skkportfolio' has an 'Info' link next to it. A horizontal navigation bar below the title contains tabs: 'Objects' (selected), 'Properties', 'Permissions' (which is highlighted with a yellow circle), 'Metrics', 'Management', and 'Access Points'. Under the 'Objects' tab, there's a sub-section titled 'Objects (3) Info' with a trash bin icon, 'Copy S3 URI' button, 'Copy URL' button, 'Download' button, and an 'Open' button. A note below says 'Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket.' There's also a search bar with placeholder text 'Find objects by prefix'. A table lists three objects: 'assets/' (Folder, last modified March 11, 2024, 16:27:45) and two other items whose names are partially visible.

## 26 Click "Edit" to edit the bucket policy

This screenshot shows a modal window titled 'Edit Bucket Policy' for the 'skkportfolio' bucket. The modal contains a note about access point policies and a link to learn more. It displays a JSON-based policy document. At the bottom right of the modal, there are two buttons: 'Edit' (highlighted with a yellow circle) and 'Delete'. Below the modal, a note states that policies don't apply to objects owned by other accounts and provides a link to learn more.

- 27 copy your bucket ARN and update the bucket policy

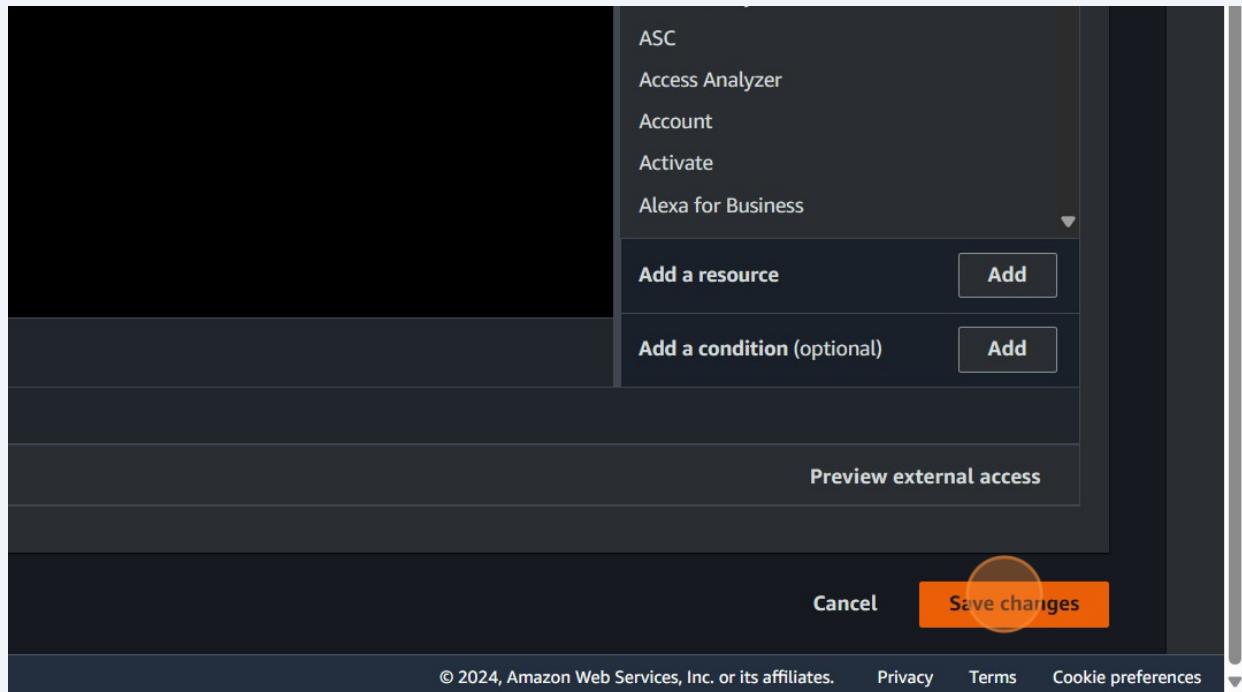
The screenshot shows the 'Edit bucket policy' page. At the top, it says 'Bucket policy'. Below that, a note states: 'The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts.' Under 'Bucket ARN', there is a text input field containing 'arn:aws:s3:::skkportfolio', which is circled in orange. Below the ARN is a 'Policy' section with a single item labeled '1'.

- 28 Click here.

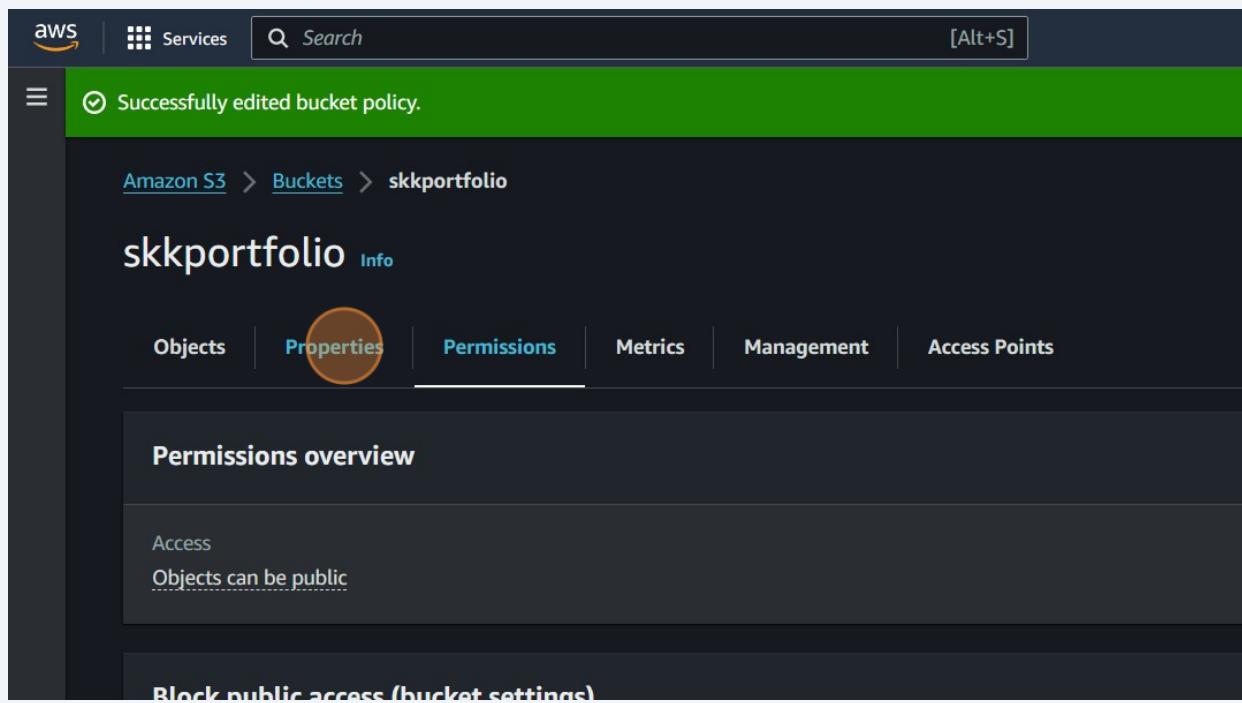
The screenshot shows the 'Edit bucket policy' page with the JSON policy code. The 'Resource' field, which contains the ARN 'arn:aws:s3:::skkportfolio/\*', has a brown circle drawn over it, indicating where to click. The JSON code is as follows:

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

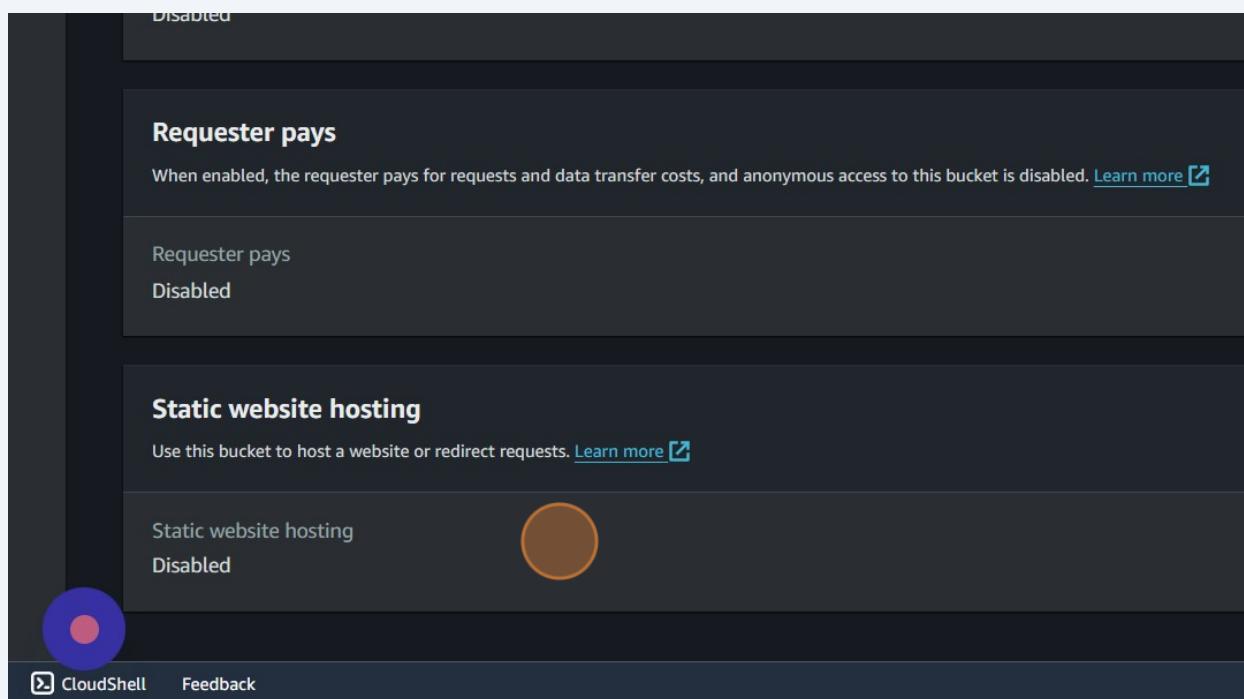
**29** Click "Save changes"



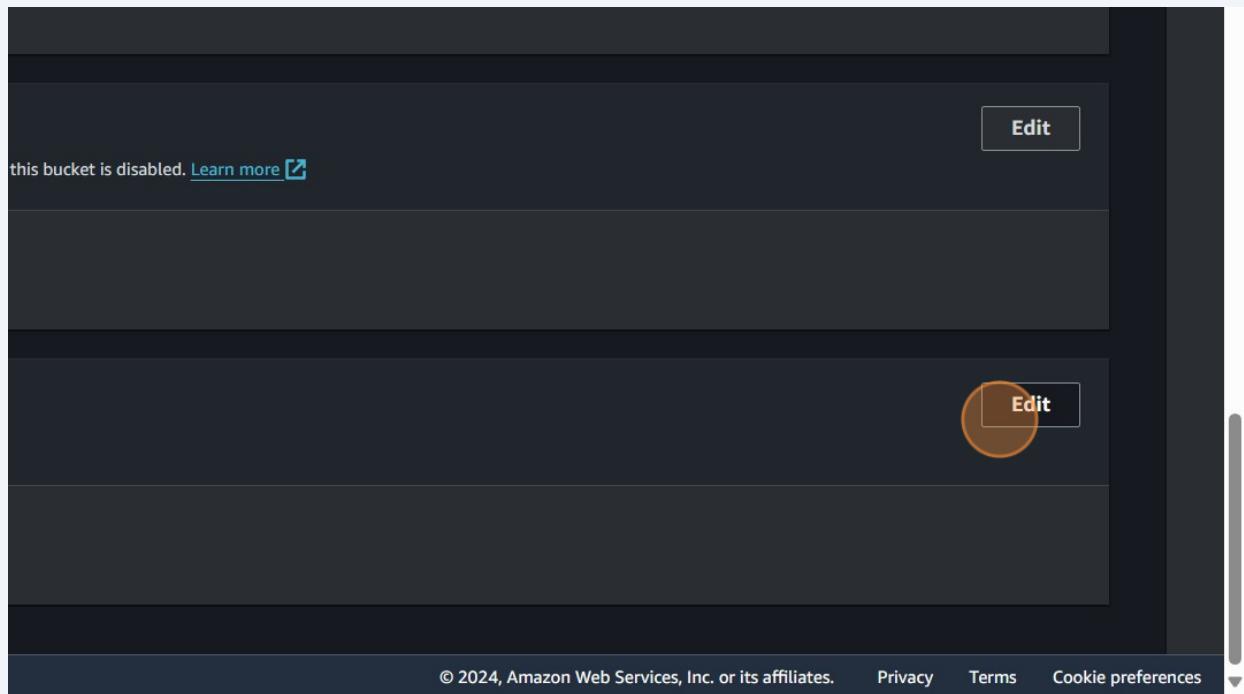
**30** Click "Properties"



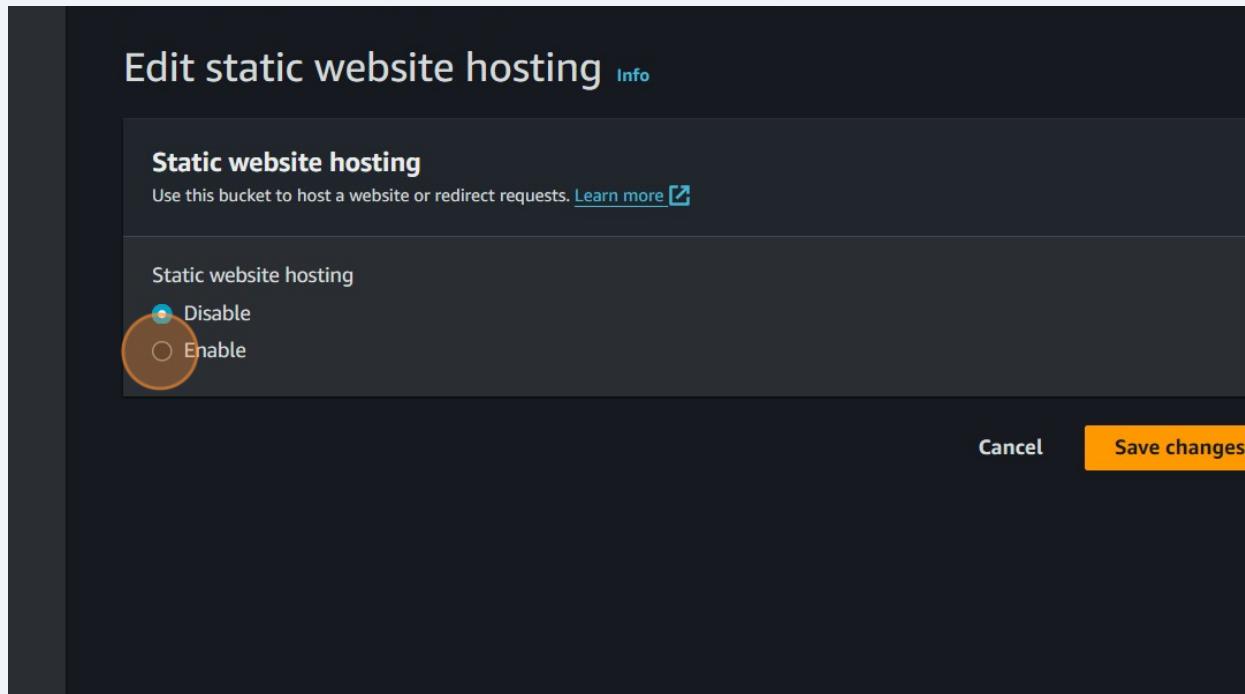
### 31 Enable "Static website hosting"



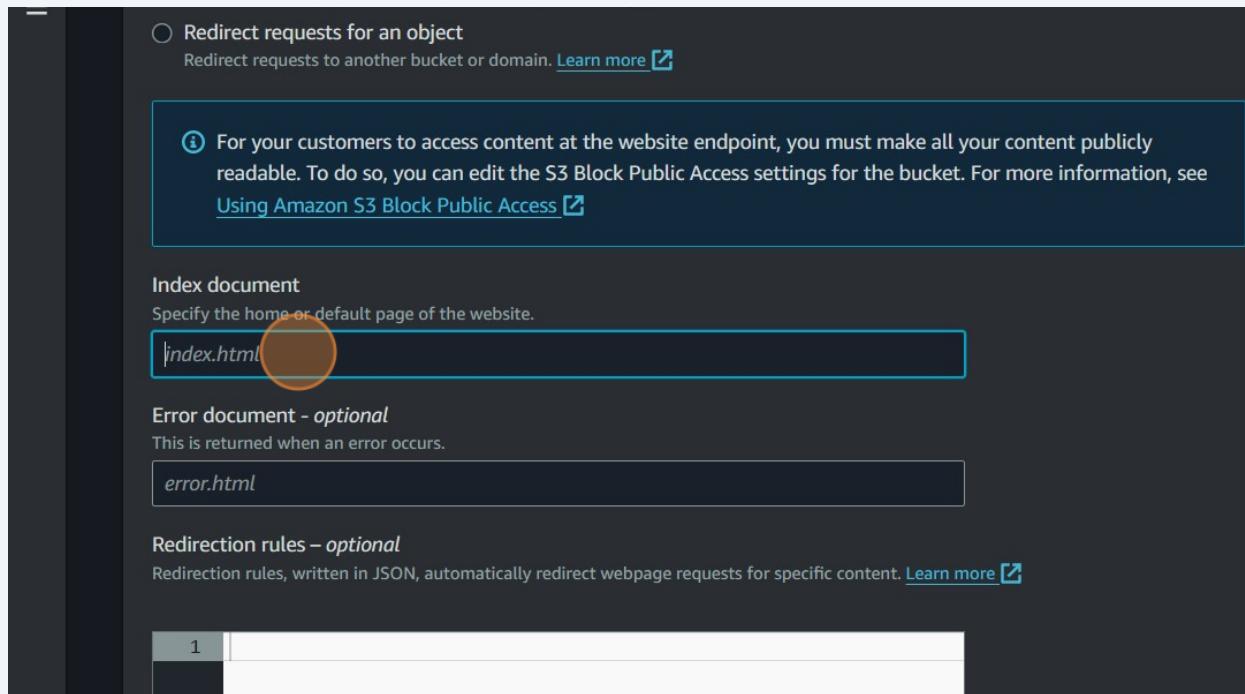
### 32 Click "Edit"



33 Click this radio button to Enable

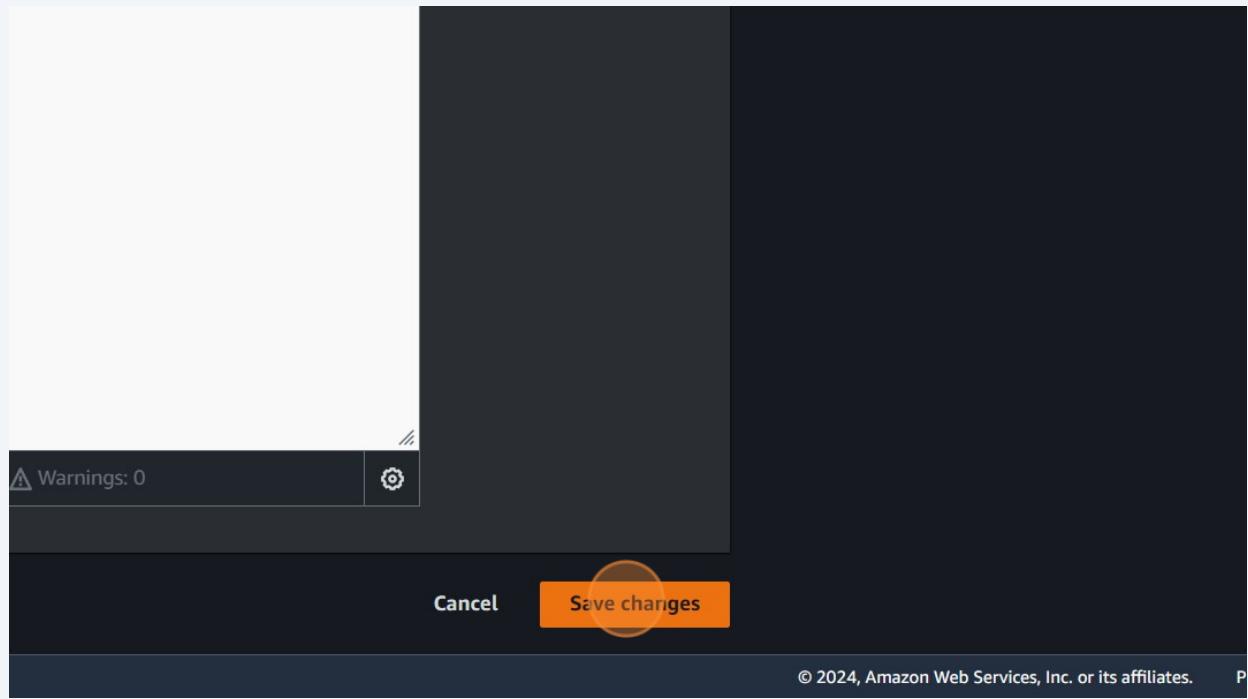


34 Click the "Index document" field.



**35** Type "index.html"

**36** Click "Save changes"



37

Click the url to access your webpage

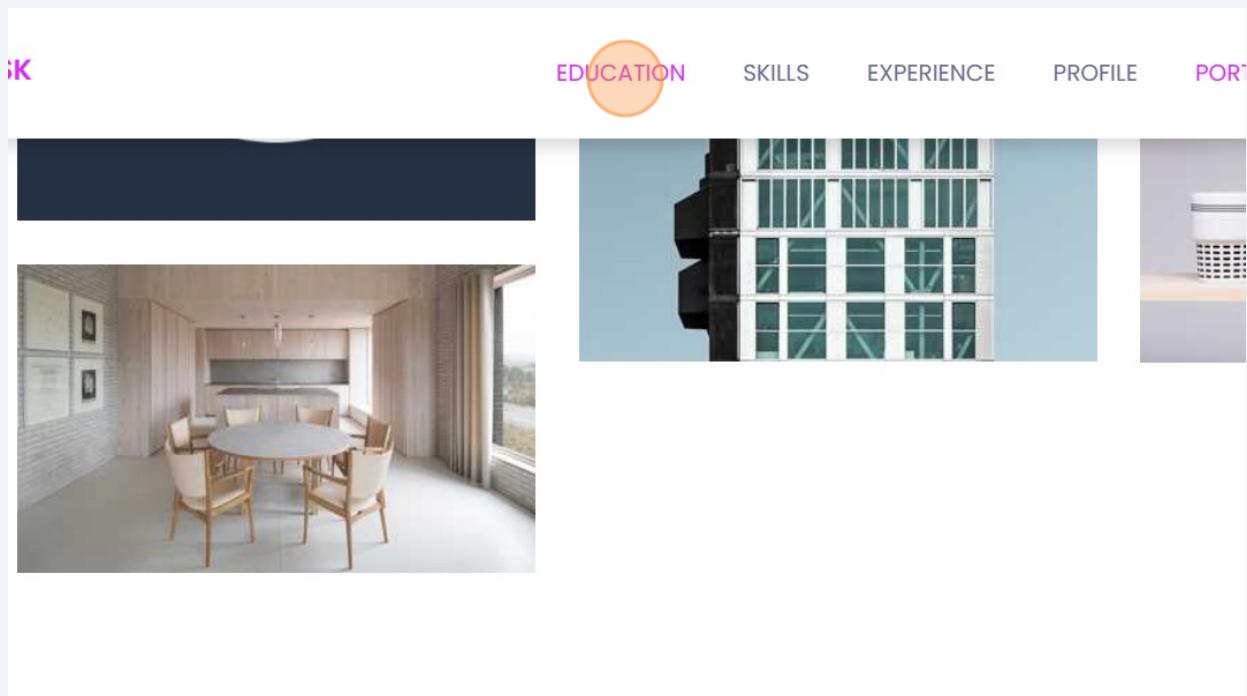
The screenshot shows the AWS S3 bucket configuration page for a bucket named "skkportfolio". At the top, there are two options: "Requester pays" (disabled) and "Disabled". Below this, under the heading "Static website hosting", it says "Use this bucket to host a website or redirect requests." A link to "Learn more" is provided. The "Hosting type" is set to "Bucket hosting", and the "Bucket website endpoint" is listed as "<http://skkportfolio.s3-website-us-east-1.amazonaws.com>". A blue circle highlights this endpoint URL. At the bottom of the page are "CloudShell" and "Feedback" buttons.

38

Click "<http://skkportfolio.s3-website-us-east-1.amazonaws.com>"

This screenshot is identical to the one above, showing the AWS S3 bucket configuration page for the "skkportfolio" bucket. It displays the same "Requester pays" settings, the "Static website hosting" section with the endpoint URL "<http://skkportfolio.s3-website-us-east-1.amazonaws.com>", and the "CloudShell" and "Feedback" buttons at the bottom. A blue circle highlights the endpoint URL again.

## 39 My portfolio webpage

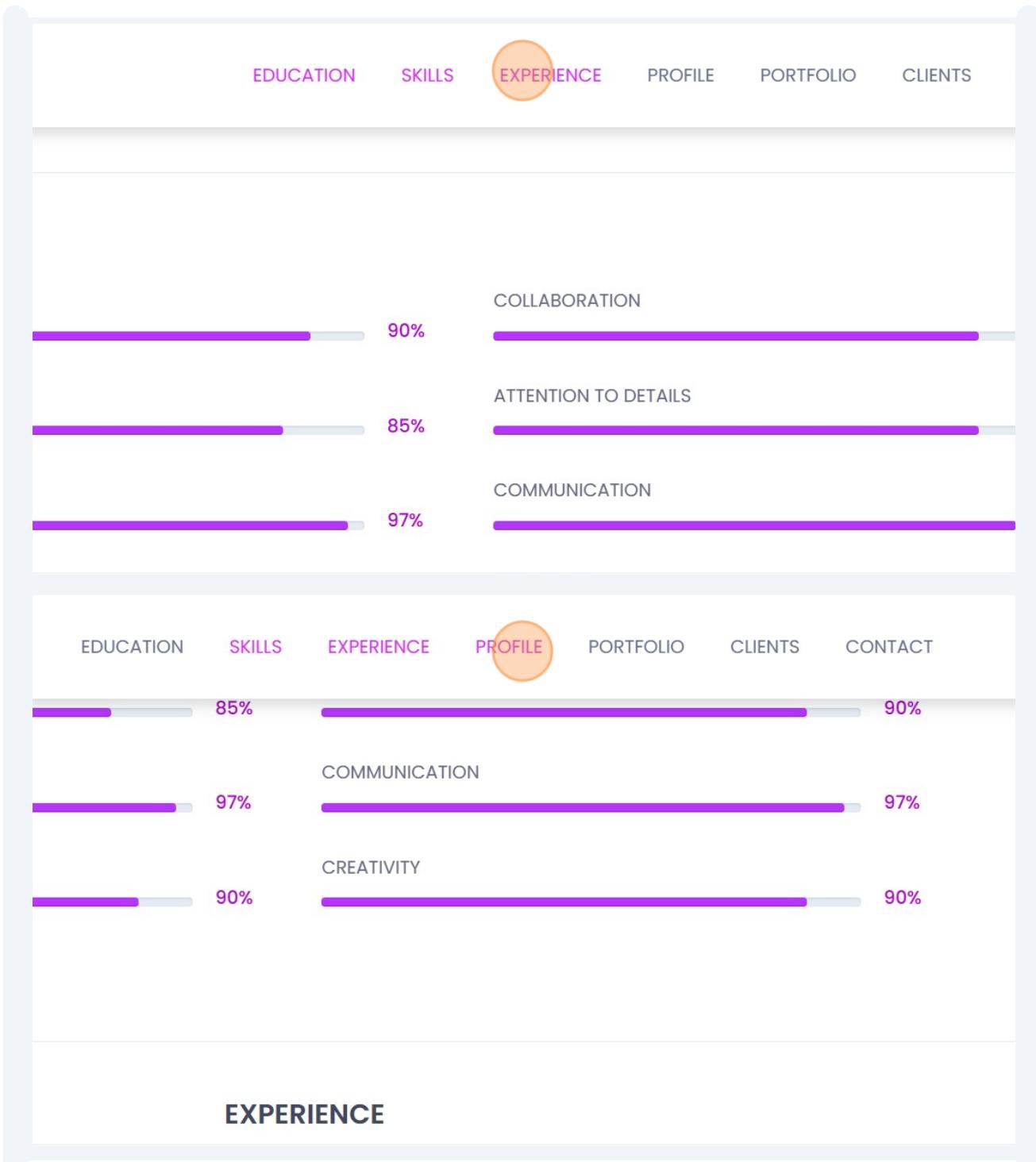


Computer Applications

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DHI UNIVERSITY OF KERALA

I pursued my Bachelor's in Computer Applications from Mahatma Gandhi University, India, from 2016 to 2019. This program built my strong foundation. It ignited my passion for technology, refining skills in software development, data analysis, and IT management, shaping my career trajectory.



ON

SKILLS

EXPERIENCE

PROFILE

PORTFOLIO

CLIENTS

CONTACT

## PROFILES

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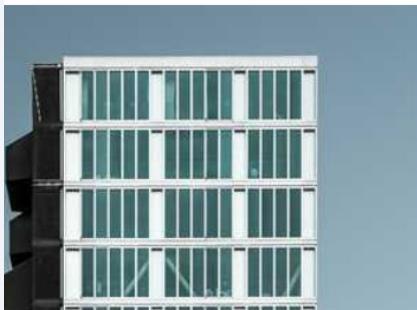
CLIENTS

CONTACT

## PORTFOLIO



## PORTFOLIO



Name\*

Email\*

Subject

Message

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SK

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SKILLS

EXPERIENCE

2016 – 2019

Bachelor of Computer Applications

MAHATMA GANDHI UNIVERSITY OF KERALA

Kerala, India

I earned my Bachelor's in Computer Applications from Mahatma Gandhi University, India, from 2016 to 2019. This period was filled with learning the basics of computer science and programming. It ignited my passion for technology, refining skills in software development, data structures, and algorithms.

# KURUVILLA .

SOFTWARE ENGINEER AND DEVOPS ENTHUSIAST

Download Resume

**40** Copy the URL to share it with friends. Thank You

The screenshot shows the AWS S3 Bucket Properties page for a bucket named 'skkportfolio'. At the top, there's a note about requester pays and a 'Disabled' status. Below that, under 'Static website hosting', it says 'Enabled' and lists 'Hosting type: Bucket hosting' and 'Bucket website endpoint: http://skkportfolio.s3-website-us-east-1.amazonaws.com'. A blue circle highlights the endpoint URL. At the bottom, there are 'CloudShell' and 'Feedback' buttons.

Requester pays  
Disabled

**Static website hosting**

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting  
Enabled  
Hosting type  
**Bucket hosting**  
Bucket website endpoint

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://skkportfolio.s3-website-us-east-1.amazonaws.com>

CloudShell Feedback