

МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
НАЦІОНАЛЬНИЙ ТЕХНІЧНИЙ УНІВЕРСИТЕТ
«ДНІПРОВСЬКА ПОЛІТЕХНІКА»



Факультет інформаційних технологій
Кафедра системного аналізу та управління

Звіт
з практичних робіт з дисципліни
«Аналіз програмного забезпечення»

Виконала:
студентка групи 122-22-1
Євтушенко Д.В
Перевірили:
доц. Мінєєв О.С.
ас. Шевченко Ю.О.

Дніпро
2025

Практична робота №4

Тема: AWS S3.

Мета: Набування навичок у створення і розміщенні статичної веб-сторінки на AWS S3.

ПОСИЛАННЯ:

<http://yevtushenko-daria-apz.s3-website-us-east-1.amazonaws.com/>

Завдання:

Крок 1. Зареєструватися в системі AWS.

Крок 2. Створити бакет у S3 з вашим прізвищем та іменем.

Крок 3. Розмістити на S3 статичну веб-сторінку, яка містить ваше ПІБ та Вашу академічну групу.

Крок 4. Налаштування хостингу і отримання публічної адреси сторінки, наприклад: <https://kbaleiko-bucket-apz.s3-website.eu-north-1.amazonaws.com/>

Крок 1. Реєстрація в AWS

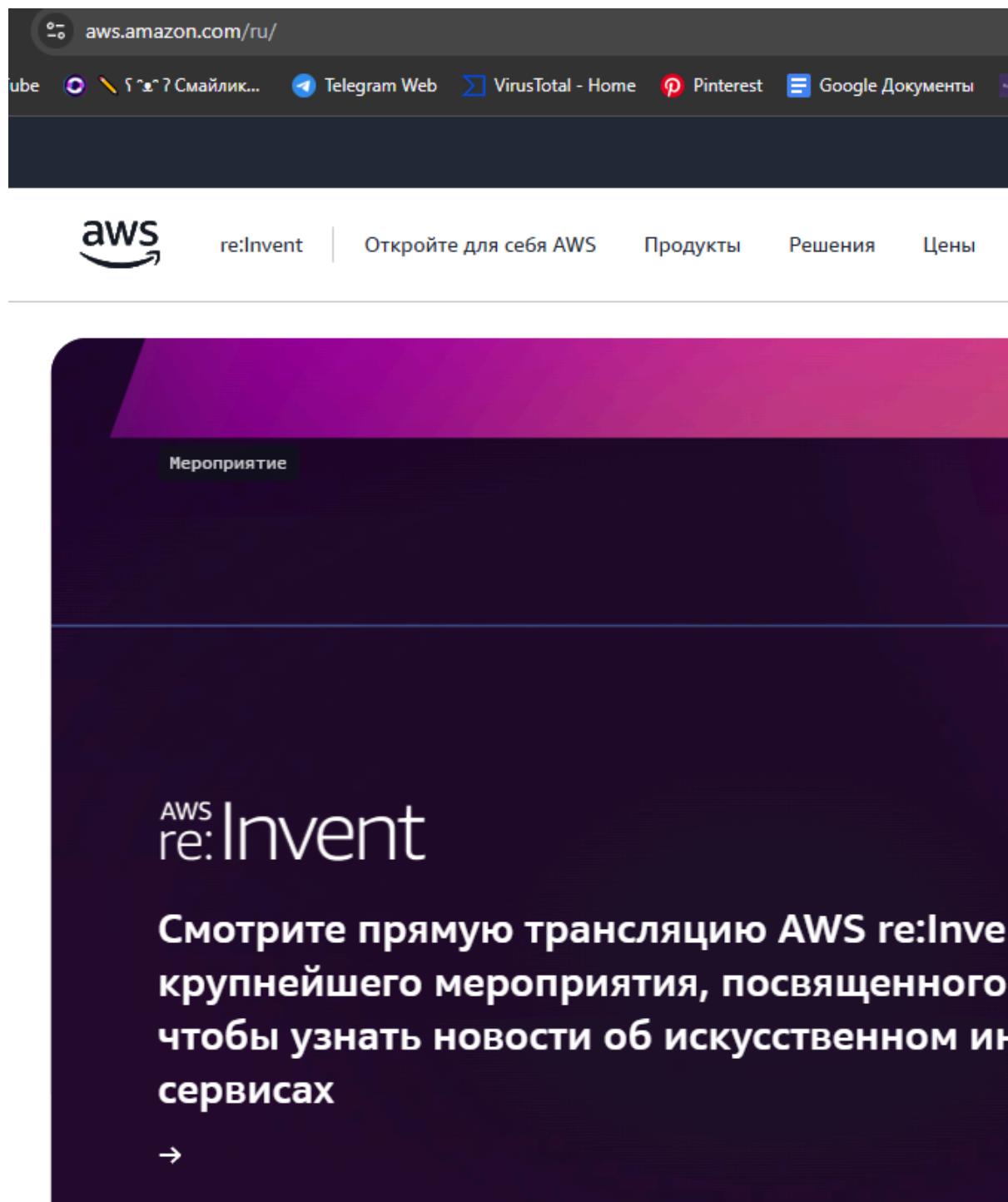


Рис. 1 - Перешли за посиланням <https://aws.amazon.com/>

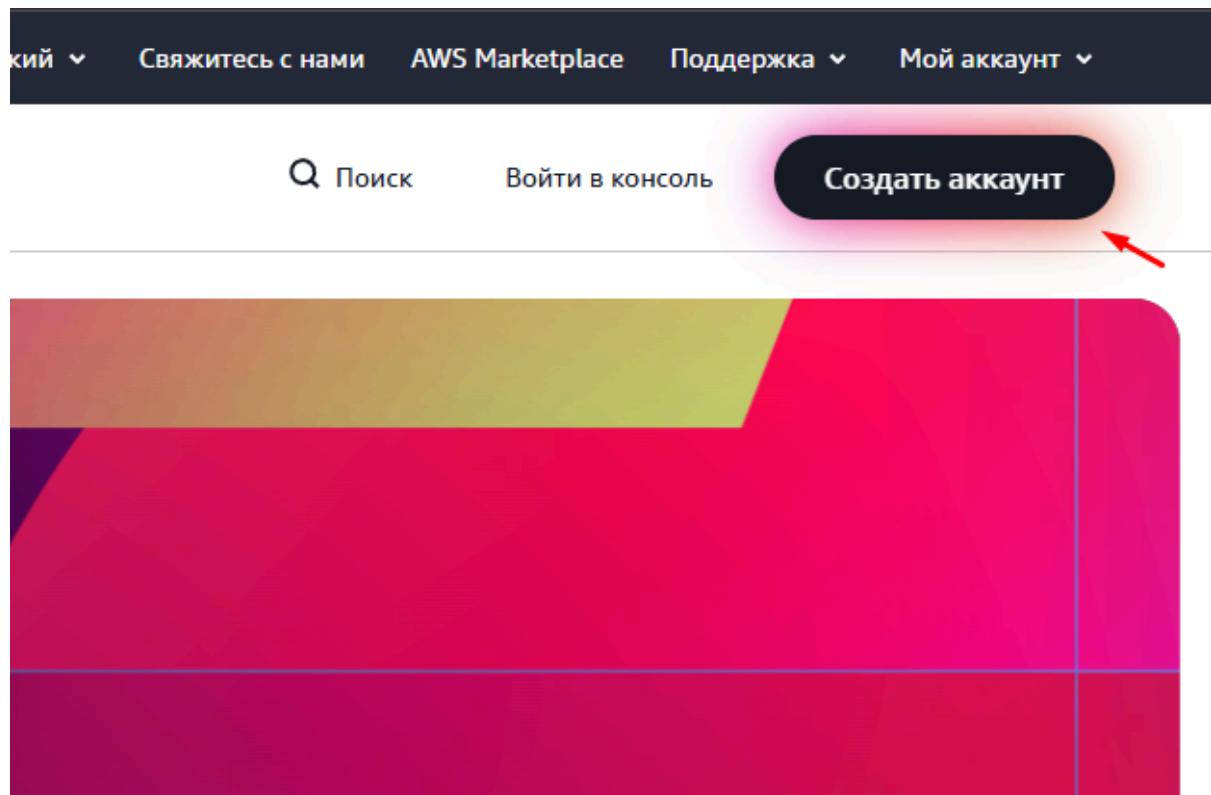


Рис. 2. - Натисніть Create account.

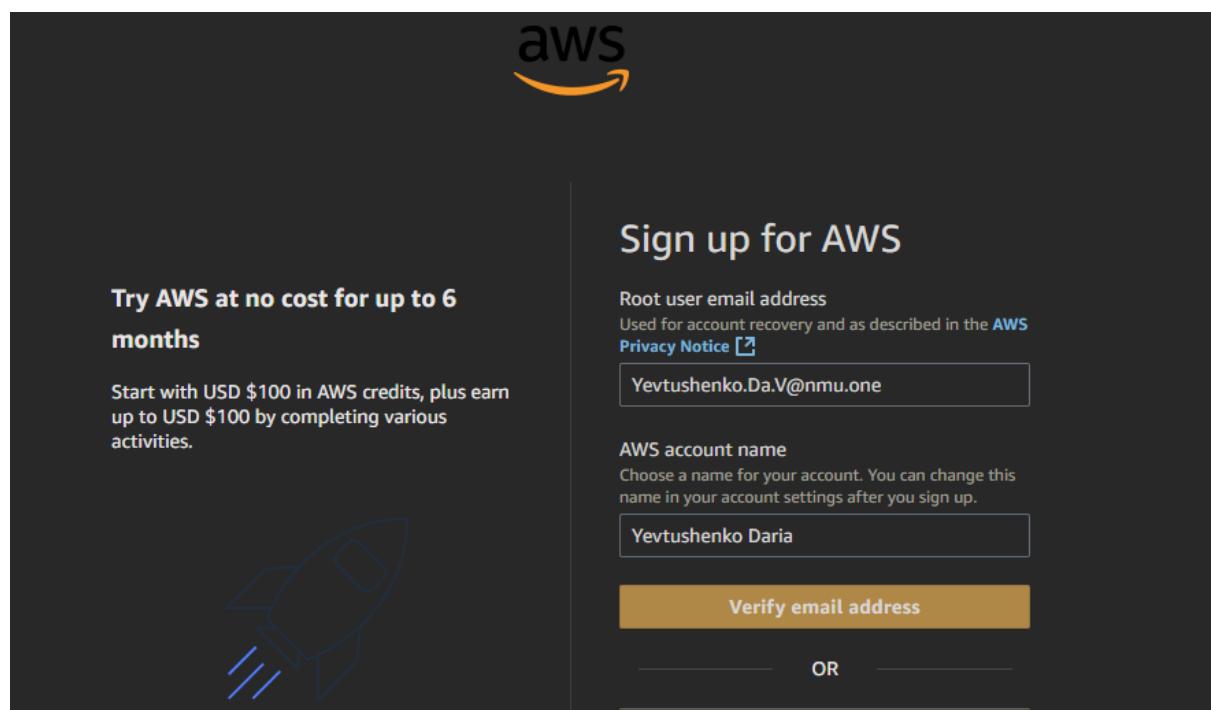


Рис. 3. - Введіть свій email, ім'я і прізвищ, пароль. Далі підтвердить свій акаунт через електронну пошту.

Крок 2. Створення S3 бакету.

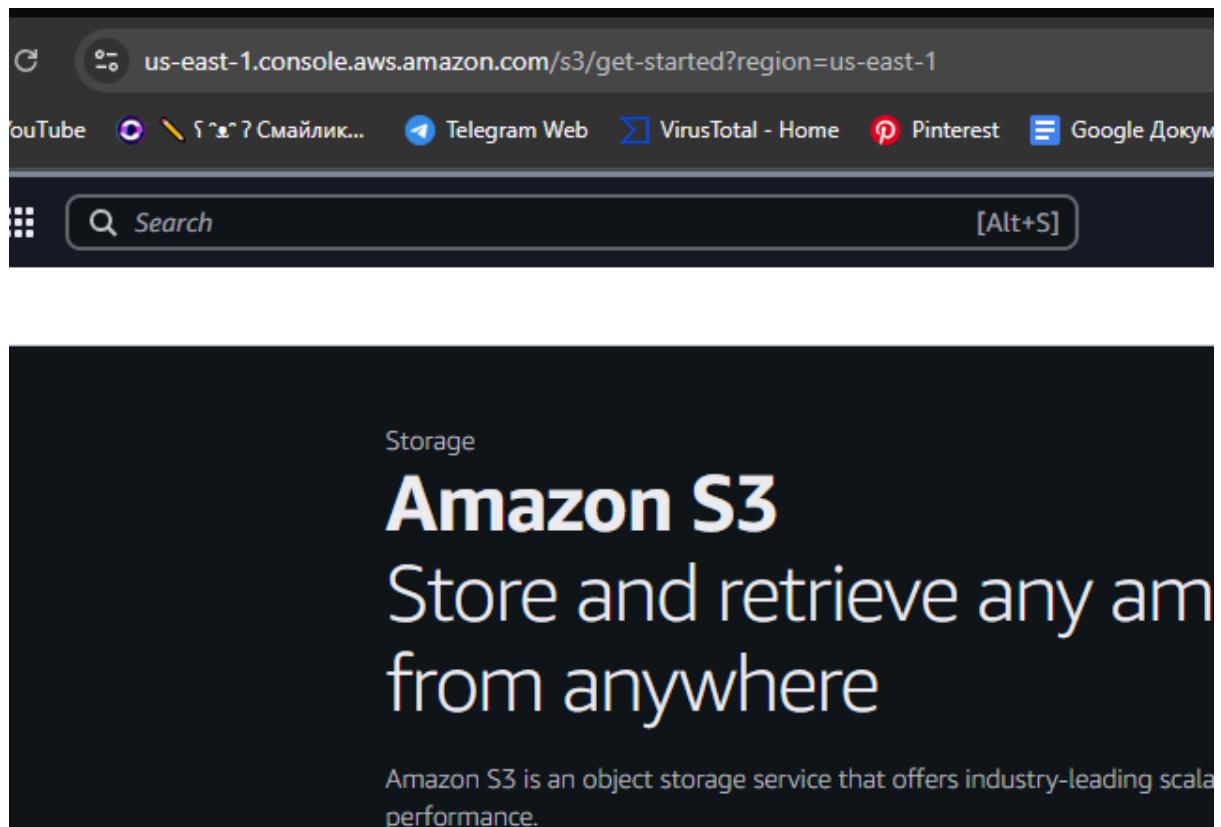


Рис. 4 - Увійдіть у AWS Console: <https://console.aws.amazon.com/s3/>

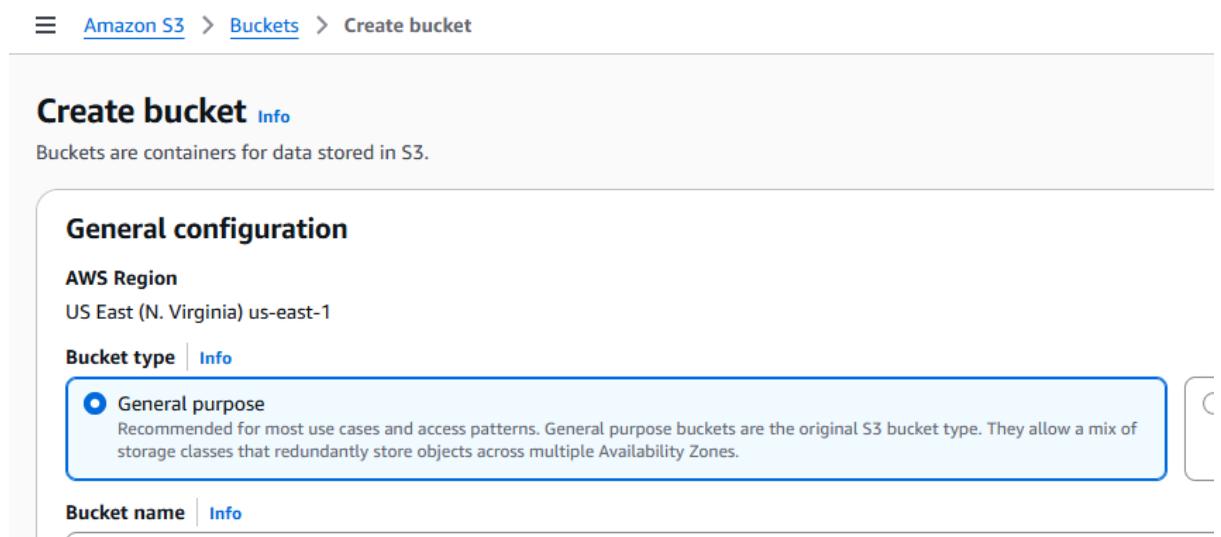


Рис. 5. - Натисніть Create bucket.

General configuration

AWS Region
US East (N. Virginia) us-east-1

Bucket type | [Info](#)

- General purpose**
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.
- Directory**
Recommended for low-latency use cases. 1 processing of data within a single Available

Bucket name | [Info](#)
Yevtushenko-Daria-apz4

Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-).

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

Format: s3://bucket/prefix

Рис. 6. - Назва та регіон

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

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.

⚠ 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.

Рис. 7. - Знімаємо галочку з "Block all public access"

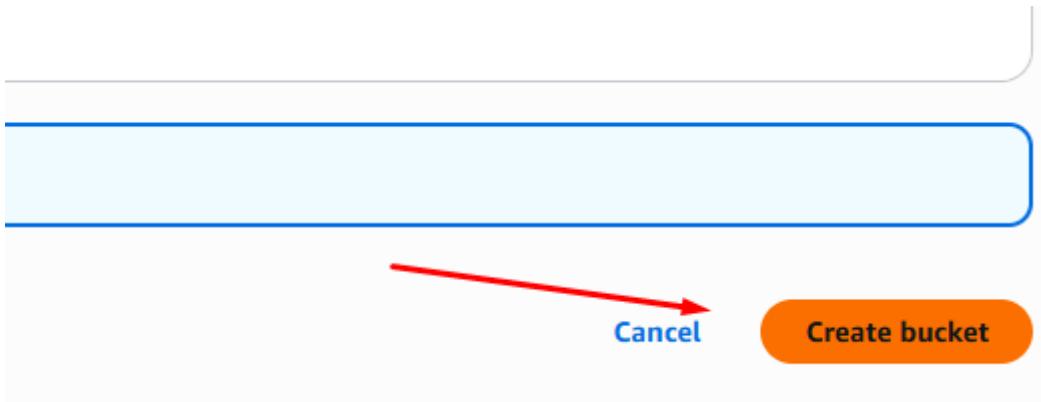


Рис. 8. - Натисніть Create bucket.

Крок 3. Завантаження HTML-файлу:

```
<!DOCTYPE html>
<html lang="uk">
<head>
<meta charset="UTF-8">
<title>Моя сторінка</title>
</head>
<body>
<h1>Євтушенко Дар'я Віталіївна 122-22-1</h1><br />
<p>122-21-4</p>
</body>
</html>
```

Рис. 8 - Створіть у блокноті на комп'ютері файл index.html з наступним
вмістом

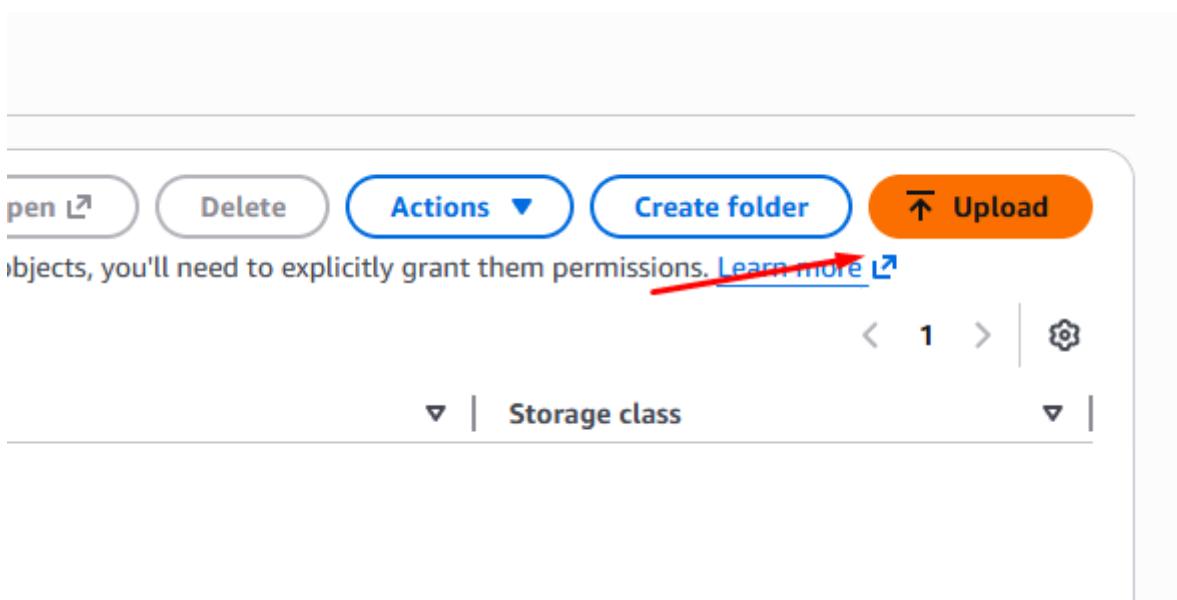


Рис. 9 - Перейдіть у вкладку Objects → Upload та завантажте створений
файл index.html.

dit Block public access (bucket settings) Info

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your individual settings below to suit your specific storage use cases. [Learn more ↗](#)

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

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.

Рис. 10 - Після завантаження оберіть свій index.html і натисніть
Permissions → Make public

Крок 4. Налаштування хостингу та отримання адреси сторінки:

The screenshot shows the 'Edit static website hosting' configuration page for a bucket named 'yevtushenko-daria-apz4'. The 'Static website hosting' section is active, with 'Enable' selected for the hosting type. Under 'Hosting type', 'Host a static website' is selected, with a note explaining that customers must make all content publicly readable. The 'Index document' field is set to 'index.html'.

Рис. 11 - Оберіть Properties та прокрутіть до Static website hosting. Далі натисніть Edit і увімкніть "Enable"

more information, see [Using Amazon S3 Block Public Access](#)

Index document

Specify the home or default page of the website.

123.html

Error document - optional

This is returned when an error occurs.

error.html

Redirection rules - optional

Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#)

1		

Рис. 12 - поля Index document вкажіть index.html і натисніть Save changes

Static website hosting

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

We recommend using AWS Amplify Hosting for static website hosting

Deploy a fast, secure, and reliable website quickly with AWS Amplify Hosting. Learn more about [Amplify Hosting](#) or [View your existing Amplify websites](#)

S3 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://yevtushenko-daria-apz4.s3-website-us-east-1.amazonaws.com>

Рис. 13 - Тепер знову у вкладці Properties, знайдіть Static website hosting, там буде ваш URL

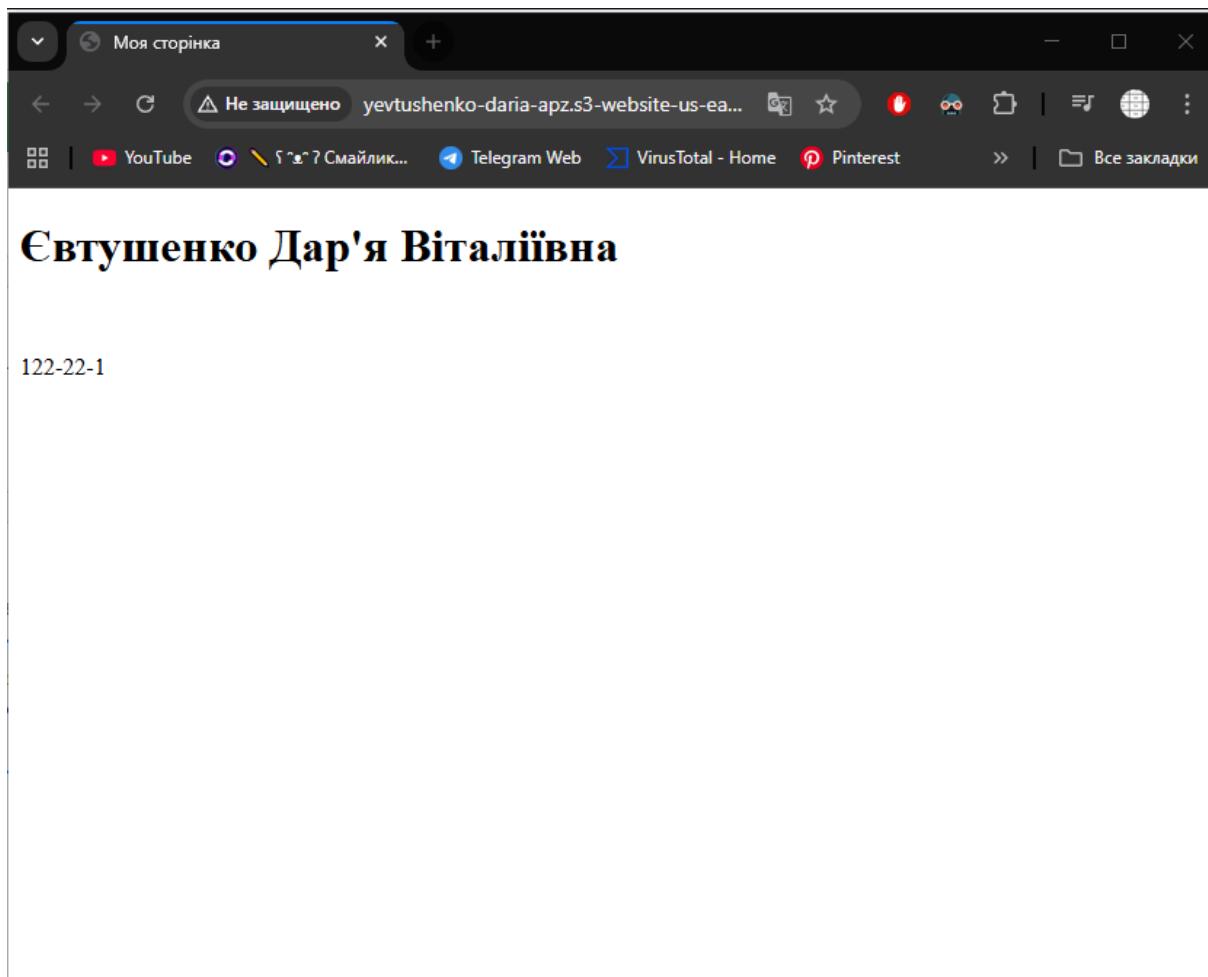


Рис. 14 - Результат роботи.