

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



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**Кафедра системного аналізу та управління**

**Звіт**  
з практичних робіт з дисципліни  
**«Аналіз програмного забезпечення»**

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**Дніпро**

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**Тема:** AWS S3.

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

## Хід роботи

### 1. Зареєструвалися в системі AWS

The image displays two sequential screenshots of the AWS sign-up process. The top screenshot shows the 'Sign up for AWS' page. On the left, there is a promotional banner for 'Try AWS at no cost for up to 6 months' with an illustration of a rocket launching from a cube. The main form area includes the AWS logo, a 'Sign up for AWS' heading, and fields for 'Root user email address' (containing 'dmitriyua215@gmail.com') and 'AWS account name' (containing 'Dmitriy'). Below these fields are buttons for 'Verify email address' and 'Sign in to an existing AWS account'. The bottom screenshot shows the 'Contact Information' section of the sign-up process. It includes a heading 'Contact Information', a question 'How do you plan to use AWS?' with two radio button options: 'Business - for your work, school, or organization' and 'Personal - for your own projects' (which is selected). Below this is a question 'Who should we contact about this account?' followed by a 'Full Name' field containing 'Dmitriy Tretiak'. Both screenshots have a 'Language' dropdown menu set to 'English' in the top right corner.

Рис. 1.1-1.2 – Етапи створення аккаунту AWS

## 2. Створили бакет S3

Storage

# Amazon S3

Store and retrieve any amount of data from anywhere

Amazon S3 is an object storage service that offers industry-leading scalability, data availability, security, and performance.

### Create a bucket

Every object in S3 is stored in a bucket. To upload files and folders to S3, you'll need to create a bucket where the objects will be stored.

Create bucket

### Pricing

With S3, there are no minimum fees. You only pay for what you use. Prices are based on the location of your S3 bucket.

Estimate your monthly bill using the [AWS Simple Monthly Calculator](#)

[View pricing details](#)

### Resources

### How it works

[CloudShell](#) [Feedback](#) © 2025, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

[Amazon S3](#) > [Buckets](#) > 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. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

**Bucket name** [Info](#)

tretiak-dmitriy

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 (-). [Learn more](#)

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

[Choose bucket](#)

Format: s3://bucket/prefix

### Object Ownership

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.

**Object Ownership**

☒ **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.

**Object Ownership**  
Bucket owner enforced

### 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.

[Amazon S3](#) > [Buckets](#)

Successfully created bucket "tretiak-dmitriy"  
To upload files and folders, or to configure additional bucket settings, choose [View details](#).

[View details](#)

Рис. 2.1-2.3 – Створення S3 бакету

### 3. Завантажили HTML-сторінку

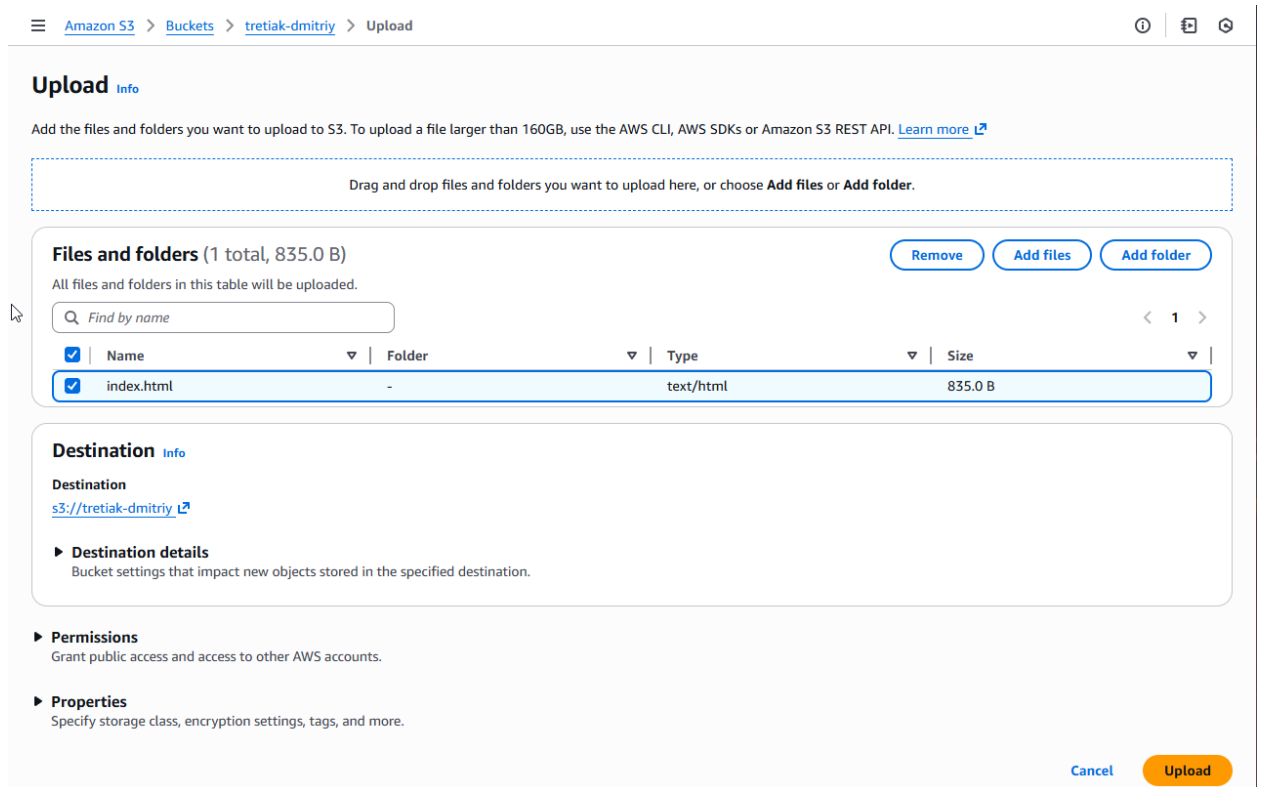


Рис. 3 – Завантаження файлу

## 4. Налаштували хостинг та отримали адресу сторінки

The screenshot shows the 'Edit static website hosting' configuration page in the AWS console. The breadcrumb trail at the top reads: Amazon S3 > Buckets > tretiak-dmitriy > Edit static website hosting. The page title is 'Edit static website hosting' with an 'Info' link. Under the 'Static website hosting' section, the 'Enable' radio button is selected. The 'Hosting type' section has 'Host a static website' selected, with a note to use the bucket endpoint as the web address. A blue-bordered box contains a warning: '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'. The 'Index document' field contains 'index.html'. The 'Error document - optional' field contains 'error.html'. The 'Redirection rules - optional' section is also visible.

Рис. 4.1 – Налаштування доступу

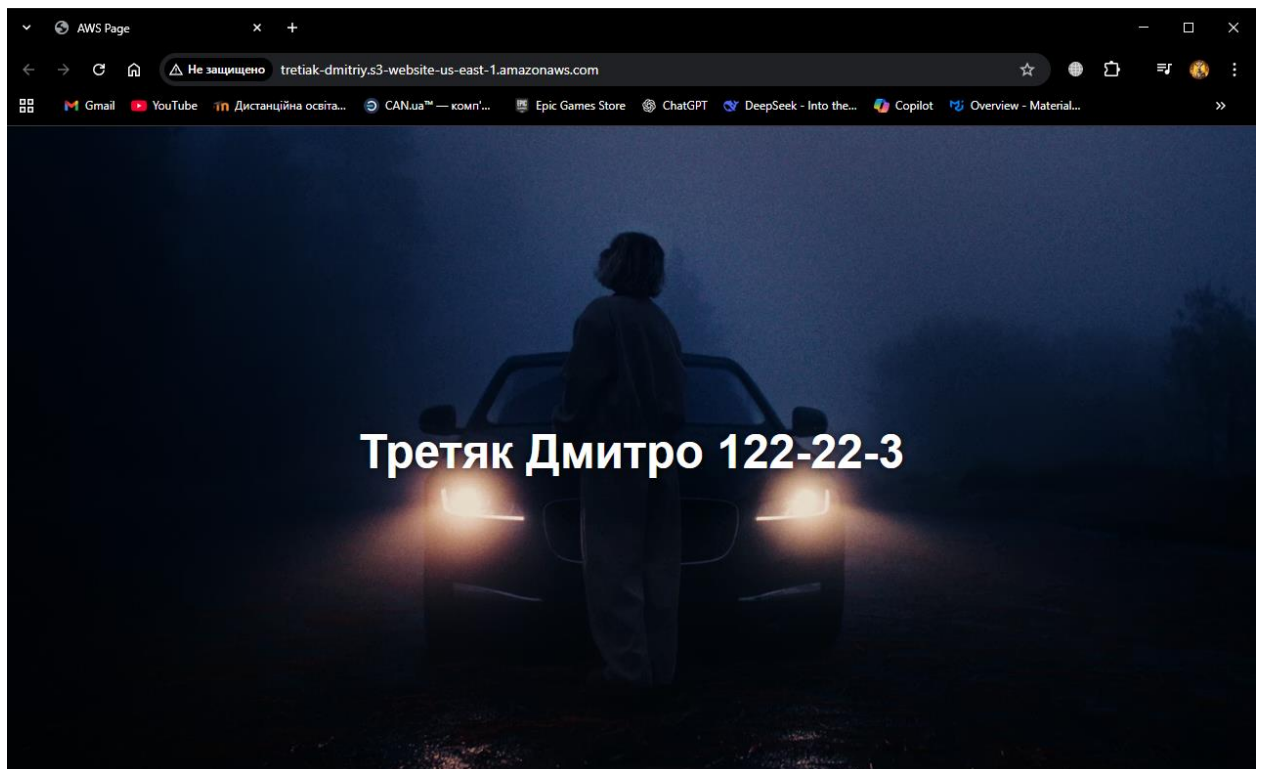


Рис. 4.2 – Створена сторінка

Посилання: <http://tretiak-dmitriy.s3-website-us-east-1.amazonaws.com>

**Висновок:** Під час виконання лабораторної роботи було отримано практичні навички зі створення та налаштування бакета в AWS S3, а також із завантаження й публікації статичної веб-сторінки. Крім того, було засвоєно механізм відкриття публічного доступу до файлів через веб-хостинг S3, що забезпечує швидке та зручне розміщення власних веб-ресурсів.