

**Міністерство освіти і науки України**  
**Національний технічний університет «Дніпровська політехніка»**



**Практична робота №4**  
з дисципліни:  
**«Аналіз програмного забезпечення»**

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**м. Дніпро  
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## **Tema:** AWS S3.

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

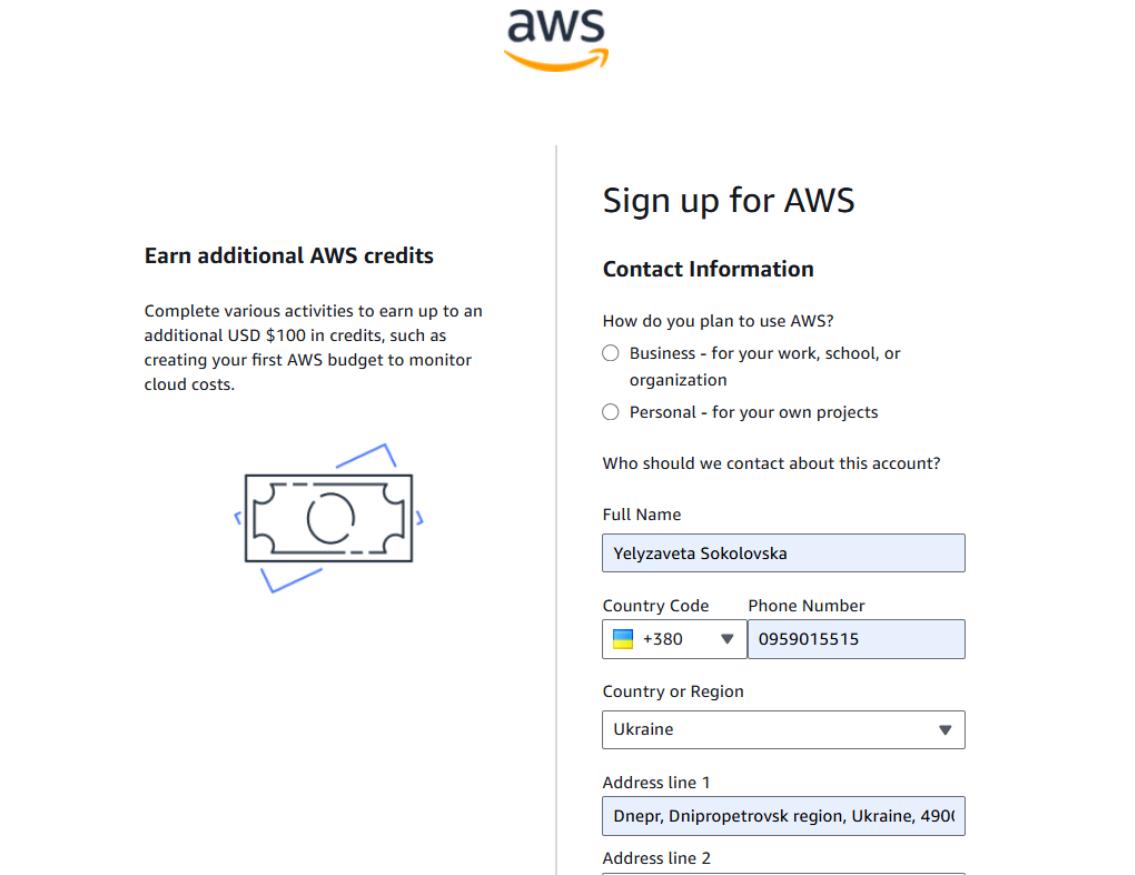
## Хід роботи

## Крок 1. Реєстрація в AWS

## Створюю акаунт в aws:



Реєструюся:



## Акаунт створено:

The screenshot shows the AWS Billing & Cost Management console. On the left, a sidebar lists various services like Home, Getting Started, Dashboards, Billing and Payments, Cost and Usage Analysis, and Cost Organization. The main area displays account details for 'Liza' with an ID of '211203495628'. It includes sections for Account display settings, Contact information, and Alternate contacts. At the bottom right, there are links for CloudShell, Feedback, and Console Mobile App.

## Крок 2. Створення S3 бакету.

Заходжу у консоль aws:

The screenshot shows the AWS Console Home page. It features a 'Recently visited' section with a placeholder for 'No recently visited services' and links to EC2, S3, Aurora and RDS, and Lambda. To the right is an 'Applications' section with a table for creating new applications. Below these are 'Welcome to AWS' and 'AWS Health' cards. At the bottom, there's a 'Cost and usage' card with current month and forecasted end data. The footer includes links for CloudShell, Feedback, and Console Mobile App.

Створюю бакет:

The screenshot shows the 'Create bucket' wizard. It starts with 'General configuration' where the region is set to 'US East (N. Virginia) us-east-1'. A 'Bucket type' section offers 'General purpose' (selected) and 'Directory' options. The 'Bucket name' field contains 'ysokolovskao-bucket-apz'. A note specifies bucket names must be 3 to 63 characters and unique. A 'Copy settings from existing bucket - optional' section has a 'Choose bucket' button and a note about prefix format. The final step is 'Object Ownership' with a note about object ownership and access control lists (ACLS). The 'ACLs disabled (recommended)' option is selected.

Треба змінити налаштування доступу до сторінки  
Знімаю галочку :

**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.

Бакет створено:

General purpose buckets

All AWS Regions

Directory buckets

General purpose buckets (1) [Info](#)



[Copy ARN](#)

Empty

Delete

Create bucket

Buckets are containers for data stored in S3.

Find buckets by name

< 1 > |

| Name

▼ | AWS Region

▼ | Creation date

▼ |

[ysokolovska-bucket-apz](#)

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

November 1, 2025, 12:44:45  
(UTC+02:00)

**Крок 3. Завантаження HTML-файлу**

Створюю html файл:

```
<!DOCTYPE html>
<html lang="uk">
<head>
    <meta charset="UTF-8">
    <title>Моя сторінка</title>
</head>
<body>
    <h1>Соколовська Єлизавета</h1><br />
    <p>122-22-6</p>
</body>
</html>
```

## Крок 4: налаштування хостингу та отримання адреси сторінки

Static website hosting Edit

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 apps](#)

S3 static website hosting Create Amplify app

Disabled

**Edit static website hosting** [Info](#)

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

**Static website hosting**  
 Disable  
 Enable

**Hosting type**  
 Host a static website  
Use the bucket endpoint as the web address. [Learn more](#)  
 Redirect requests for an object  
Redirect requests to another bucket or domain. [Learn more](#)

**Index document**  
Specify the home or default page of the website.  
index.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](#)

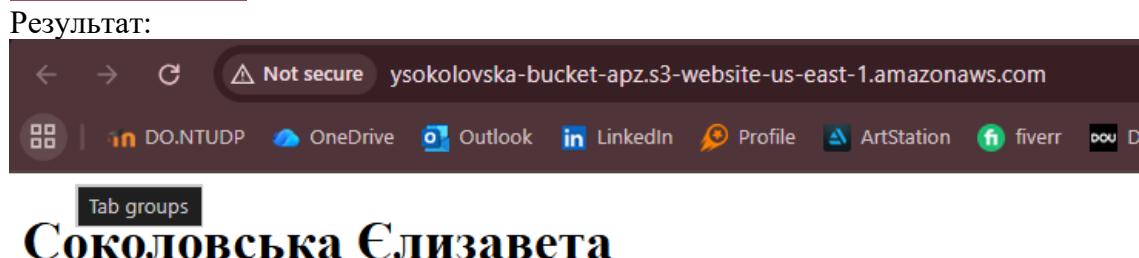
Також для відкритого доступу треба було налаштувати Bucket Policy

### Bucket policy

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. [Learn more](#)

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

Налаштування зроблено, адресу отримано: <http://ysokolovska-bucket-apz.s3-website-us-east-1.amazonaws.com>



122-22-6