

Basic web server on an EC2 instance
and
storing the website's static files in an S3 bucket.

MAHBUBUL HAQUE

PART-01

(basic web server on an EC2 instance)

1. SCREENSHOT OF DASHBOARD OF EC2 INSTANCE:

The screenshot displays the AWS Management Console for the EC2 service in the Europe (Stockholm) Region. The interface includes a left-hand navigation pane, a top header with search and account information, and a main content area with several sections.

EC2 Dashboard

- EC2 Global View
- Events
- Instances**
 - Instances
 - Instance Types
 - Launch Templates
 - Spot Requests
 - Savings Plans
 - Reserved Instances
 - Dedicated Hosts
 - Capacity Reservations
- Images**
 - AMIs
 - AMI Catalog
- Elastic Block Store**
 - Volumes
 - Snapshots
 - Lifecycle Manager
- Network & Security**
 - Security Groups
 - Elastic IPs
 - Placement Groups
 - Key Pairs
 - Network Interfaces

Resources

You are using the following Amazon EC2 resources in the Europe (Stockholm) Region:

Resource	Count
Instances (running)	1
Dedicated Hosts	0
Key pairs	96
Security groups	98
Auto Scaling Groups	0
Elastic IPs	1
Load balancers	0
Snapshots	0
Capacity Reservations	0
Instances	2
Placement groups	0
Volumes	2

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

[Launch instance](#) [Migrate a server](#)

Note: Your instances will launch in the Europe (Stockholm) Region

Instance alarms

[View in CloudWatch](#)

0 in alarm 0 OK 0 insufficient data

[Instances in alarm](#)

Scheduled events

Europe (Stockholm)

No scheduled events

Service health

[AWS Health Dashboard](#)

An error occurred
An error occurred retrieving service health information
[Diagnose with Amazon Q](#)

Zones

Zone name	Zone ID
eu-north-1a	eun1-az1
eu-north-1b	eun1-az2
eu-north-1c	eun1-az3

[Enable additional Zones](#)

EC2 Free Tier

Offers for all AWS Regions.

0 EC2 free tier offers in use

End of month forecast
User: arn:aws:iam::448513989308:user/connect.mahbub.official@gmail.com is not authorized to perform: freetier:GetFreeTierUsage on resource: arn:aws:freetier:us-east-1:448513989308:/GetFreeTierUsage because no identity-based policy allows the freetier:GetFreeTierUsage action

Exceeds free tier
User: arn:aws:iam::448513989308:user/connect.mahbub.official@gmail.com is not authorized to perform: freetier:GetFreeTierUsage on resource: arn:aws:freetier:us-east-1:448513989308:/GetFreeTierUsage because no identity-based policy allows the freetier:GetFreeTierUsage action

[View Global EC2 resources](#)

[View all AWS Free Tier offers](#)

Account attributes

[Default VPC](#)
vpc-0b2f06016c5e3877b

Settings

- [Data protection and security](#)
- [Allowed AMIs](#)
- [Zones](#)
- [EC2 Serial Console](#)
- [Default credit specification](#)
- [EC2 console preferences](#)

1.SCREENSHOT OF DASHBOARD OF EC2 INSTANCE:

The screenshot displays the AWS Management Console for the EC2 Instances page. The top navigation bar includes the AWS logo, a search bar, and account details (Europe (Stockholm), Account ID: 4485-1398-9308). The left sidebar lists various AWS services, with EC2 Instances selected. The main content area shows a table of EC2 instances with the following data:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP
_machine	i-098864bc6f3a5d610	Running	t3.micro	Initializing	View alarms +	eu-north-1a	ec2-13-60-93-5.eu-nort...	13.60.93.5	-
Machine_0.1	i-0e100b7b7cd796dc2	Terminated	t3.micro	-	View alarms +	eu-north-1a	-	-	-

1. SCREENSHOT OF DASHBOARD OF EC2 INSTANCE:

The screenshot displays the AWS Management Console interface for an EC2 instance. The top navigation bar includes the AWS logo, a search bar, and account information (Account ID: 4485-1398-9308, connect.mahub.official@gmail.com). The left sidebar shows the navigation menu with categories like EC2, Images, Elastic Block Store, and Network & Security. The main content area is titled "Instance summary for i-098864bc6f3a5d610 (_machine)" and provides a comprehensive overview of the instance's configuration and status.

Instance summary for i-098864bc6f3a5d610 (_machine) Info

Updated less than a minute ago

Instance ID
i-098864bc6f3a5d610

IPv6 address
-

Hostname type
IP name: ip-172-31-19-98.eu-north-1.compute.internal

Answer private resource DNS name
IPv4 (A)

Auto-assigned IP address
13.60.93.5 [Public IP]

IAM Role
-

IMDSv2
Required

Operator
-

Public IPv4 address
13.60.93.5 | [open address](#)

Instance state
Running

Private IP DNS name (IPv4 only)
ip-172-31-19-98.eu-north-1.compute.internal

Instance type
t3.micro

VPC ID
vpc-0b2f06016c5e3877b

Subnet ID
subnet-06064e55c76f80aad

Instance ARN
arn:aws:ec2:eu-north-1:448513989308:instance/i-098864bc6f3a5d610

Private IPv4 addresses
172.31.19.98

Public DNS
ec2-13-60-93-5.eu-north-1.compute.amazonaws.com | [open address](#)

Elastic IP addresses
-

AWS Compute Optimizer finding
User: arn:aws:iam::448513989308:user/connect.mahub.official@gmail.com is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action
[Retry](#)

Auto Scaling Group name
-

Managed
false

Actions
[Connect](#) [Instance state](#) [Actions](#)

Details | Status and alarms | Monitoring | Security | Networking | Storage | Tags

1.SCREENSHOT OF DASHBOARD OF EC2 INSTANCE:

The screenshot displays the AWS Management Console interface for an EC2 instance. The top navigation bar includes the AWS logo, a search bar, and account information (Europe (Stockholm), Account ID: 4485-1398-9308, connect.mahub.official@gmail.com). The left sidebar shows the navigation menu with categories like EC2, Images, Elastic Block Store, and Network & Security. The main content area is titled "Operator" and shows the "Security" tab selected. The "Security details" section includes the IAM Role, Owner ID (448513989308), and Launch time (Mon Sep 01 2025 11:35:23 GMT+0600 (Bangladesh Standard Time)). The "Security groups" section lists a single group: sg-0ec1b836b7da03f81 (launch-wizard-76). The "Inbound rules" section shows a table with two rules: one for port 22 (TCP) and one for port 80 (TCP), both with source 0.0.0.0/0 and associated with the launch-wizard-76 security group. The "Outbound rules" section shows a single rule for all ports (All) with destination 0.0.0.0/0 and associated with the launch-wizard-76 security group.

Operator
-

Details | **Status and alarms** | **Monitoring** | **Security** | **Networking** | **Storage** | **Tags**

▼ **Security details**

IAM Role
-

Owner ID
448513989308

Launch time
Mon Sep 01 2025 11:35:23 GMT+0600 (Bangladesh Standard Time)

Security groups
sg-0ec1b836b7da03f81 (launch-wizard-76)

▼ **Inbound rules**

Filter rules

Name	Security group rule ID	Port range	Protocol	Source	Security groups	Description
-	sgr-05d71d015b52d0c0a	22	TCP	0.0.0.0/0	launch-wizard-76	-
-	sgr-06bb5eeb85e314ea2	80	TCP	0.0.0.0/0	launch-wizard-76	-

▼ **Outbound rules**

Filter rules

Name	Security group rule ID	Port range	Protocol	Destination	Security groups	Description
-	sgr-024dcf7e8f6626f86	All	All	0.0.0.0/0	launch-wizard-76	-

2.SCREENSHOT OF TERMINAL SHOWING A SUCCESSFUL SSH CONNECTION TO THE EC2 INSTANCE:

```
mahbub@MAHBUB:/mnt/c/Users/ASUS$ cp /mnt/c/Users/ASUS/Downloads/_mahbub_.pem.pem ~/.ssh/mahbub.pem
mahbub@MAHBUB:/mnt/c/Users/ASUS$ chmod 400 ~/.ssh/mahbub.pem
mahbub@MAHBUB:/mnt/c/Users/ASUS$ ssh -i ~/.ssh/mahbub.pem ubuntu@13.60.93.5
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1011-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Mon Sep  1 06:13:00 UTC 2025

System load:  0.0           Temperature:   -273.1 C
Usage of /:   25.6% of 6.71GB Processes:      111
Memory usage: 24%          Users logged in:  0
Swap usage:   0%           IPv4 address for ens5: 172.31.19.98

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-19-98:~$
```

3.SCREENSHOT OF THE SUCCESSFUL INSTALLATION:

```
ubuntu@ip-172-31-19-98:~$ sudo apt-get install nginx -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  nginx-common
Suggested packages:
  fcgiwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  nginx nginx-common
0 upgraded, 2 newly installed, 0 to remove and 0 not upgraded.
Need to get 564 kB of archives.
After this operation, 1596 kB of additional disk space will be used.
Get:1 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx-common all 1.24.0-2ubuntu7.5 [43.4 kB]
Get:2 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx amd64 1.24.0-2ubuntu7.5 [520 kB]
Fetched 564 kB in 0s (27.4 MB/s)
Preconfiguring packages ...
Selecting previously unselected package nginx-common.
(Reading database ... 103354 files and directories currently installed.)
Preparing to unpack .../nginx-common_1.24.0-2ubuntu7.5_all.deb ...
Unpacking nginx-common (1.24.0-2ubuntu7.5) ...
Selecting previously unselected package nginx.
Preparing to unpack .../nginx_1.24.0-2ubuntu7.5_amd64.deb ...
Unpacking nginx (1.24.0-2ubuntu7.5) ...
Setting up nginx-common (1.24.0-2ubuntu7.5) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /usr/lib/systemd/system/nginx.service.
Setting up nginx (1.24.0-2ubuntu7.5) ...
* Upgrading binary nginx
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for ufw (0.36.2-6) ...
Scanning processes...
Scanning candidates...
Scanning linux images...

Pending kernel upgrade!
Running kernel version:
  6.14.0-1011-aws
Diagnostics:
  The currently running kernel version is not the expected kernel version 6.14.0-1012-aws.

Restarting the system to load the new kernel will not be handled automatically, so you should consider rebooting.

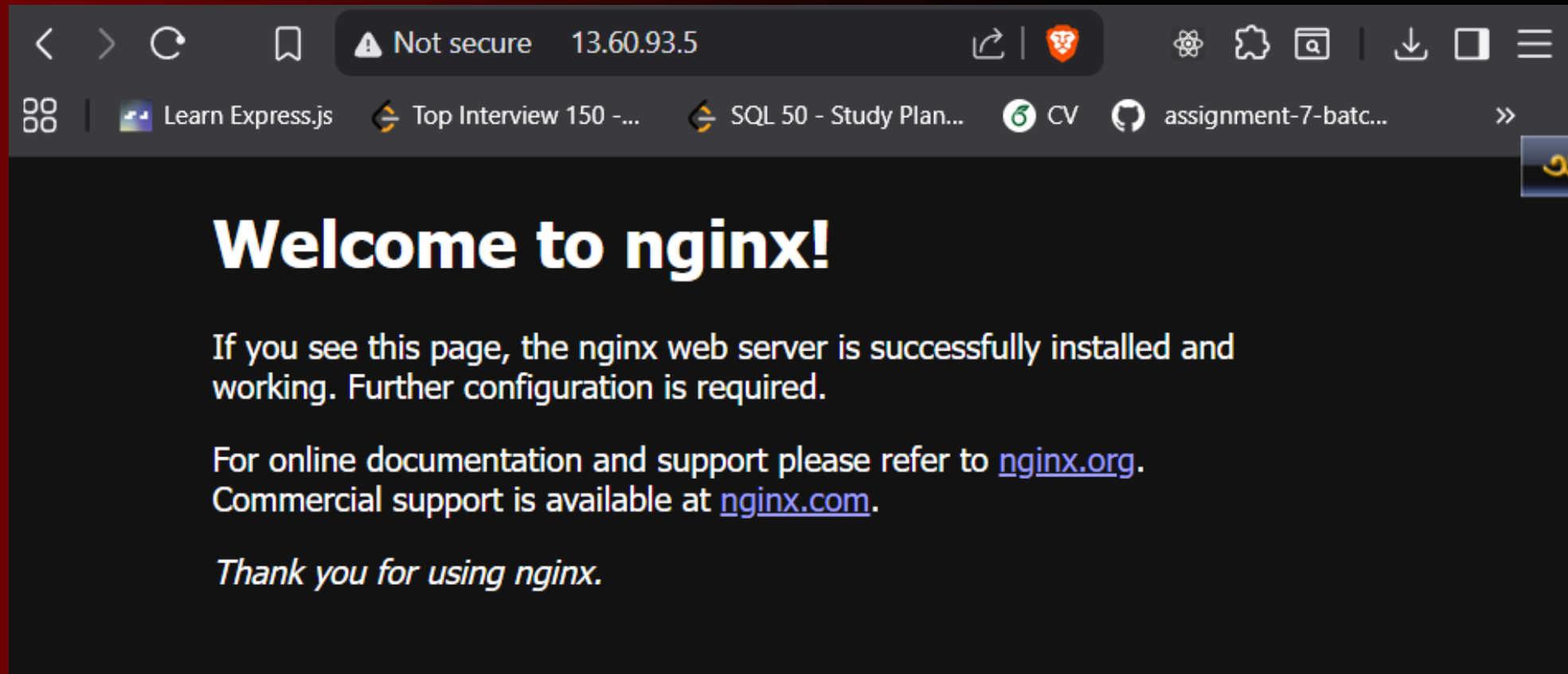
Restarting services...
```


3.SCREENSHOT OF START OF THE WEB SERVER:

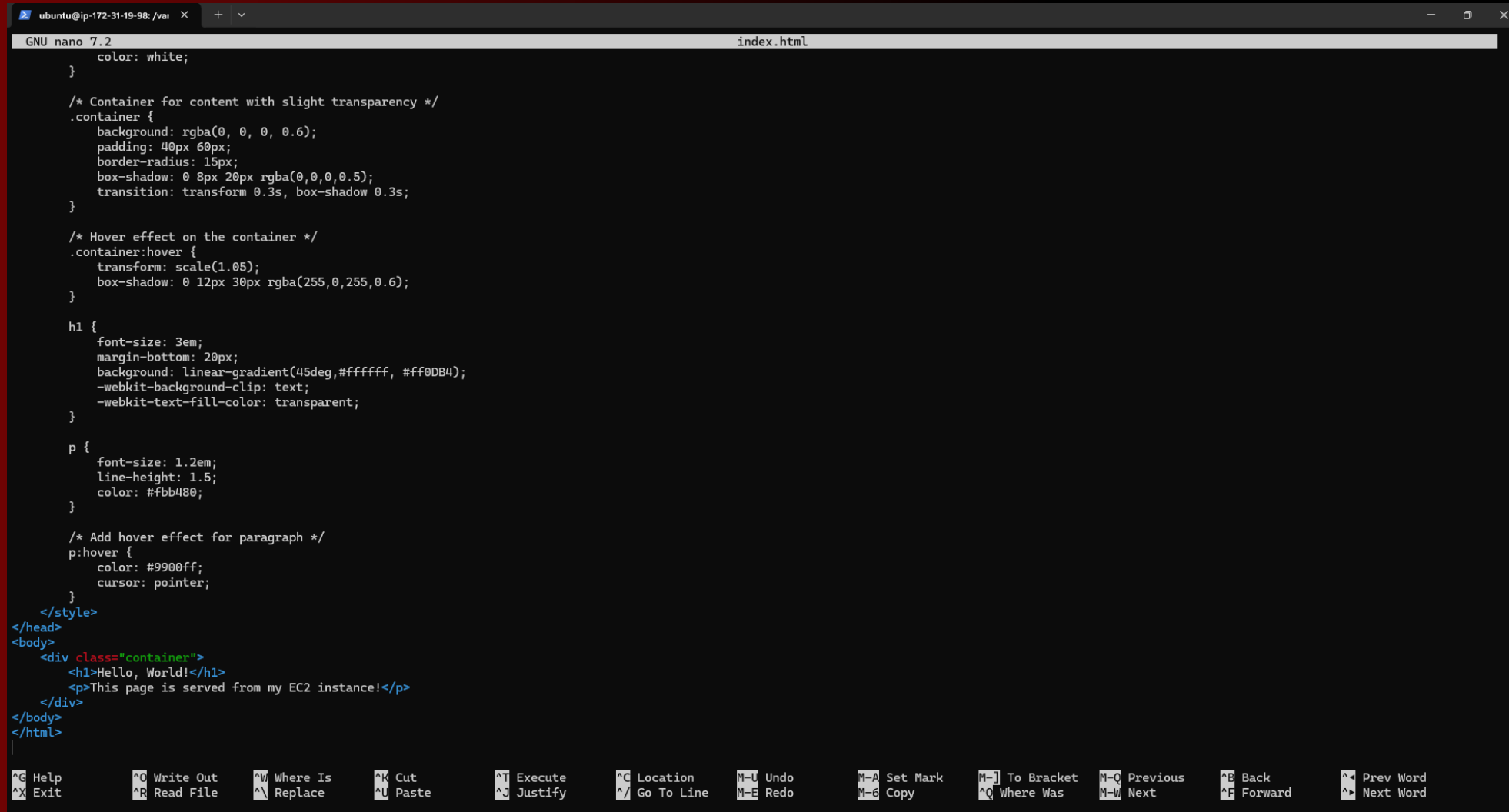
```
ubuntu@ip-172-31-19-98:~$ sudo systemctl start nginx
ubuntu@ip-172-31-19-98:~$ systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Mon 2025-09-01 06:21:21 UTC; 2min 2s ago
     Docs: man:nginx(8)
  Process: 6609 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, s>
  Process: 6611 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/S>
 Main PID: 6641 (nginx)
    Tasks: 3 (limit: 1008)
  Memory: 2.4M (peak: 5.3M)
     CPU: 27ms
   CGroup: /system.slice/nginx.service
           └─6641 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             └─6643 "nginx: worker process"
               └─6644 "nginx: worker process"

Sep 01 06:21:21 ip-172-31-19-98 systemd[1]: Starting nginx.service - A high performance web server an>
Sep 01 06:21:21 ip-172-31-19-98 systemd[1]: Started nginx.service - A high performance web server and>
```

3.SCREENSHOT OF START OF THE WEB SERVER:



4.SCREENSHOT OF INDEX.HTML FILE:



```
ubuntu@ip-172-31-19-98: /var |
GNU nano 7.2 index.html
    color: white;
}

/* Container for content with slight transparency */
.container {
    background: rgba(0, 0, 0, 0.6);
    padding: 40px 60px;
    border-radius: 15px;
    box-shadow: 0 8px 20px rgba(0,0,0,0.5);
    transition: transform 0.3s, box-shadow 0.3s;
}

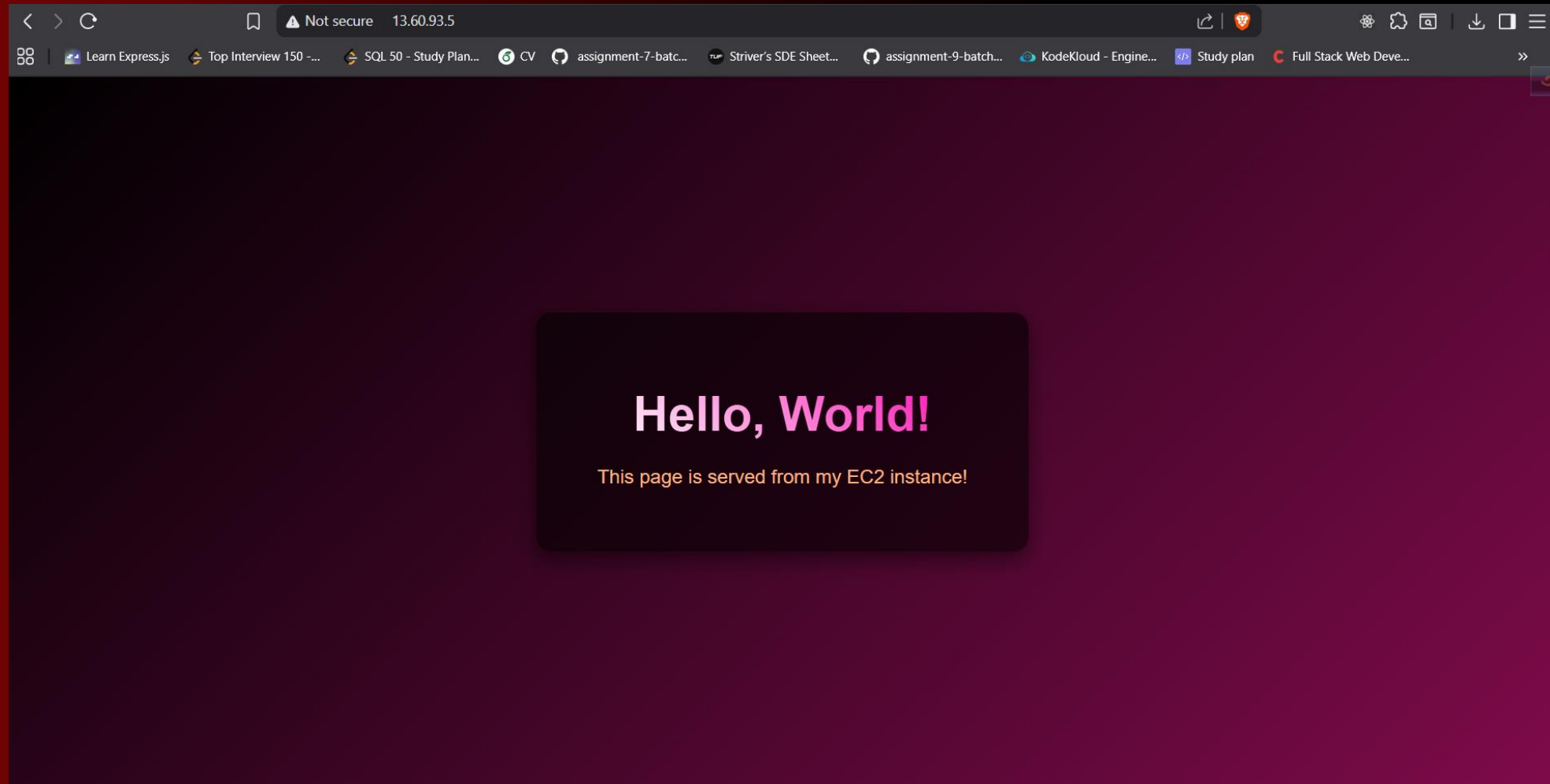
/* Hover effect on the container */
.container:hover {
    transform: scale(1.05);
    box-shadow: 0 12px 30px rgba(255,0,255,0.6);
}

h1 {
    font-size: 3em;
    margin-bottom: 20px;
    background: linear-gradient(45deg, #ffffff, #ff0DB4);
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
}

p {
    font-size: 1.2em;
    line-height: 1.5;
    color: #fbb480;
}

/* Add hover effect for paragraph */
p:hover {
    color: #9900ff;
    cursor: pointer;
}
</style>
</head>
<body>
    <div class="container">
        <h1>Hello, World!</h1>
        <p>This page is served from my EC2 instance!</p>
    </div>
</body>
</html>
|
^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^J Execute    ^C Location   ^U Undo       ^-A Set Mark  ^-] To Bracket ^-Q Previous  ^B Back       ^_ Prev Word
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^_ Justify    ^/ Go To Line ^-E Redo      ^-G Copy      ^_ Where Was  ^-W Next      ^F Forward    ^_ Next Word
```

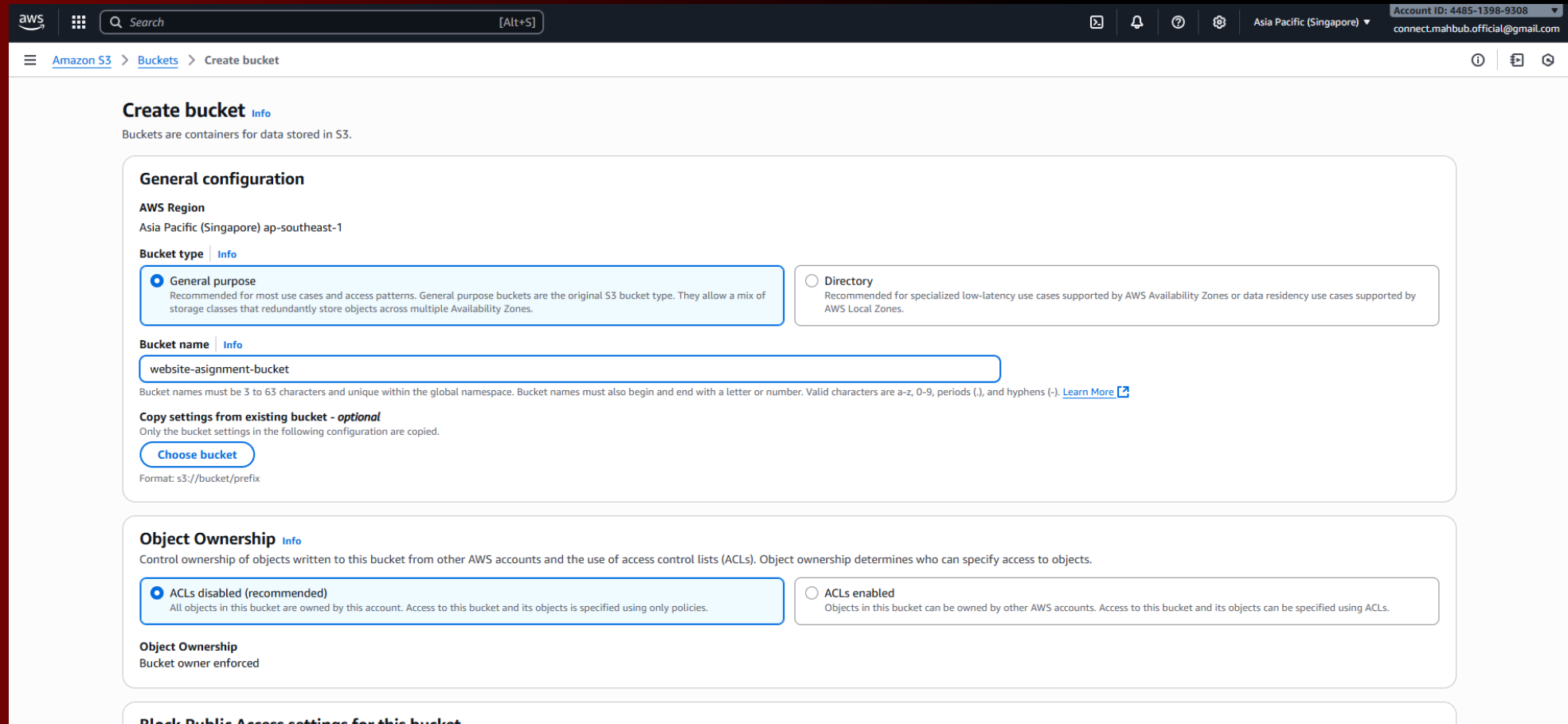
5.SCREENSHOT OF SHOWING THE RENDERED INDEX.HTML FILE:



PART-02

(storing the website's static files in an S3 bucket)

1.SCREENSHOT OF S3 BUCKET CREATION PAGE & SHOWING THE BUCKET NAME:



The screenshot shows the AWS Management Console's 'Create bucket' page. The top navigation bar includes the AWS logo, a search bar, and account information for 'Asia Pacific (Singapore)'. The breadcrumb trail indicates the path: Amazon S3 > Buckets > Create bucket. The main heading is 'Create bucket' with an 'Info' link. Below this, a sub-header 'General configuration' is followed by a description: 'Buckets are containers for data stored in S3.' The 'AWS Region' is set to 'Asia Pacific (Singapore) ap-southeast-1'. Under 'Bucket type', the 'General purpose' option is selected, with a description: '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.' The 'Directory' option is also visible. The 'Bucket name' field contains 'website-assignment-bucket', with a description: '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'. Below this, the 'Copy settings from existing bucket - optional' section has a 'Choose bucket' button. The 'Object Ownership' section shows 'ACLs disabled (recommended)' selected, with a description: 'All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.' The 'Object Ownership' section also shows 'Bucket owner enforced'. The bottom section is partially visible, titled 'Block Public Access settings for this bucket'.

Create bucket [Info](#)

Buckets are containers for data stored in S3.

General configuration

AWS Region
Asia Pacific (Singapore) ap-southeast-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 specialized low-latency use cases supported by AWS Availability Zones or data residency use cases supported by AWS Local Zones.

Bucket name [Info](#)

website-assignment-bucket

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 [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.

Object Ownership
Bucket owner enforced

Block Public Access settings for this bucket

Account ID: 4485-1398-9308

connect.mahbub.official@gmail.com

Search

[Alt+S]

Amazon S3

Buckets

Create bucket

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.

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 every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

☒ Disable

☐ Enable

Tags - optional (0)

You can use bucket tags to track storage costs and organize buckets. [Learn more](#)

2.SCREENSHOT OF S3 BUCKET SHOWING UPLOADED FILE:

The screenshot displays the AWS S3 console interface. At the top, a green notification bar indicates "Upload succeeded" with a message: "For more information, see the Files and folders table." Below this, the "Upload: status" section shows a warning: "After you navigate away from this page, the following information is no longer available." The "Summary" section provides details about the upload: Destination is "s3://website-assignment-bucket", Succeeded is "1 file, 1.6 KB (100.00%)", and Failed is "0 files, 0 B (0%)". The "Files and folders" tab is selected, showing a table with one file: "index.html" (1.6 KB, text/html, Succeeded). The table has columns for Name, Folder, Type, Size, Status, and Error.

Upload: status

After you navigate away from this page, the following information is no longer available.

Summary

Destination s3://website-assignment-bucket	Succeeded ✔ 1 file, 1.6 KB (100.00%)	Failed ✖ 0 files, 0 B (0%)
--	--	--------------------------------------

Files and folders | Configuration

Files and folders (1 total, 1.6 KB)

Find by name

Name	Folder	Type	Size	Status	Error
index.html	-	text/html	1.6 KB	✔ Succeeded	-

3.SCREENSHOT OF S3 BUCKET SHOWING UPLOADED FILE:

The screenshot displays the Amazon S3 console interface. The top navigation bar includes the AWS logo, a search bar, and account information for 'Asia Pacific (Singapore)' with Account ID: 4485-1398-9308. The breadcrumb trail shows 'Amazon S3 > Buckets > website-assignment-bucket'. The left sidebar lists various S3 features, with 'Storage Lens' expanded at the bottom. The main content area for 'website-assignment-bucket' has the 'Permissions' tab selected, which is highlighted with a red box. Below the tabs, there are action buttons: 'Copy S3 URI', 'Copy URL', 'Download', 'Open', 'Delete', 'Actions', 'Create folder', and 'Upload'. The 'Objects (1)' section shows a table with one object: 'index.html', which is a 1.6 KB HTML file uploaded on September 1, 2025, at 13:34:43 (UTC+06:00) using the Standard storage class.

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	index.html	html	September 1, 2025, 13:34:43 (UTC+06:00)	1.6 KB	Standard

3.SCREENSHOT OF S3 BUCKET SHOWING UPLOADED FILE:

The screenshot displays the AWS Management Console interface for editing the bucket policy of an S3 bucket named 'website-assignment-bucket'. The breadcrumb navigation at the top reads: Amazon S3 > Buckets > website-assignment-bucket > Edit bucket policy. The left-hand navigation pane shows the 'Amazon S3' section with various options like 'General purpose buckets', 'Directory buckets', 'Table buckets', 'Vector buckets', 'Access Grants', 'Access Points (General Purpose Buckets, FSx file systems)', 'Access Points (Directory Buckets)', 'Object Lambda Access Points', 'Multi-Region Access Points', 'Batch Operations', 'IAM Access Analyzer for S3', 'Storage Lens', and 'AWS Marketplace for S3'. The main content area is titled 'Edit bucket policy' and includes a 'Bucket policy' section with a description and a 'Learn more' link. Below this, the 'Bucket ARN' is shown as 'arn:aws:s3:::website-assignment-bucket'. The 'Policy' section contains a JSON policy document, which is highlighted with a red box. The JSON policy is as follows:

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Sid": "PublicReadGetObject",
6       "Effect": "Allow",
7       "Principal": "*",
8       "Action": "s3:GetObject",
9       "Resource": "arn:aws:s3:::website-assignment-bucket/*"
10    }
11  ]
12 }
13
```

On the right side of the console, there are buttons for 'Policy examples' and 'Policy generator'. Below the policy editor, there is a section for 'Edit statement' with a 'Select a statement' prompt and an 'Add new statement' button.

4. SCREENSHOT OF S3 BUCKET SHOWING UPLOADED FILE:

The screenshot displays the AWS S3 console interface. The top navigation bar includes the AWS logo, a search bar, and account information for 'Asia Pacific (Singapore)' with Account ID 4485-1398-9308. The breadcrumb trail shows the path: Amazon S3 > Buckets > website-assignment-bucket > index.html. The left sidebar contains the 'Amazon S3' menu with options like 'General purpose buckets', 'Directory buckets', 'Table buckets', 'Vector buckets', 'Access Grants', 'Access Points (General Purpose Buckets, FSx file systems)', 'Access Points (Directory Buckets)', 'Object Lambda Access Points', 'Multi-Region Access Points', 'Batch Operations', 'IAM Access Analyzer for S3', 'Storage Lens', and 'AWS Marketplace for S3'. The main content area is titled 'index.html' and has tabs for 'Properties', 'Permissions', and 'Versions'. The 'Properties' tab is active, showing an 'Object overview' section with details: Owner (devops6), AWS Region (Asia Pacific (Singapore) ap-southeast-1), Last modified (September 1, 2025, 13:34:43 (UTC+06:00)), Size (1.6 KB), Type (html), and Key (index.html). To the right of these details are fields for S3 URI, Amazon Resource Name (ARN), Entity tag (Etag), and Object URL. Below the overview is an 'Object management overview' section, which includes 'Bucket properties' (Bucket Versioning is Disabled) and 'Management configurations' (Replication status is -).

aws [Search] [Alt+S] Account ID: 4485-1398-9308 connect.mahbub.official@gmail.com

Amazon S3 > Buckets > website-assignment-bucket > index.html

Amazon S3

General purpose buckets

Directory buckets

Table buckets

Vector buckets

Access Grants

Access Points (General Purpose Buckets, FSx file systems)

Access Points (Directory Buckets)

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

▼ Storage Lens

Dashboards

Storage Lens groups

AWS Organizations settings

Feature spotlight 11

► AWS Marketplace for S3

index.html Info

Copy S3 URI Download Open Object actions

Properties Permissions Versions

Object overview

Owner devops6

AWS Region Asia Pacific (Singapore) ap-southeast-1

Last modified September 1, 2025, 13:34:43 (UTC+06:00)

Size 1.6 KB

Type html

Key index.html

S3 URI s3://website-assignment-bucket/index.html

Amazon Resource Name (ARN) arn:aws:s3:::website-assignment-bucket/index.html

Entity tag (Etag) 79b96da4bc1e1ad90e5bb8e2c95dcf57

Object URL https://website-assignment-bucket.s3.ap-southeast-1.amazonaws.com/index.html

Object management overview

The following bucket properties and object management configurations impact the behavior of this object.

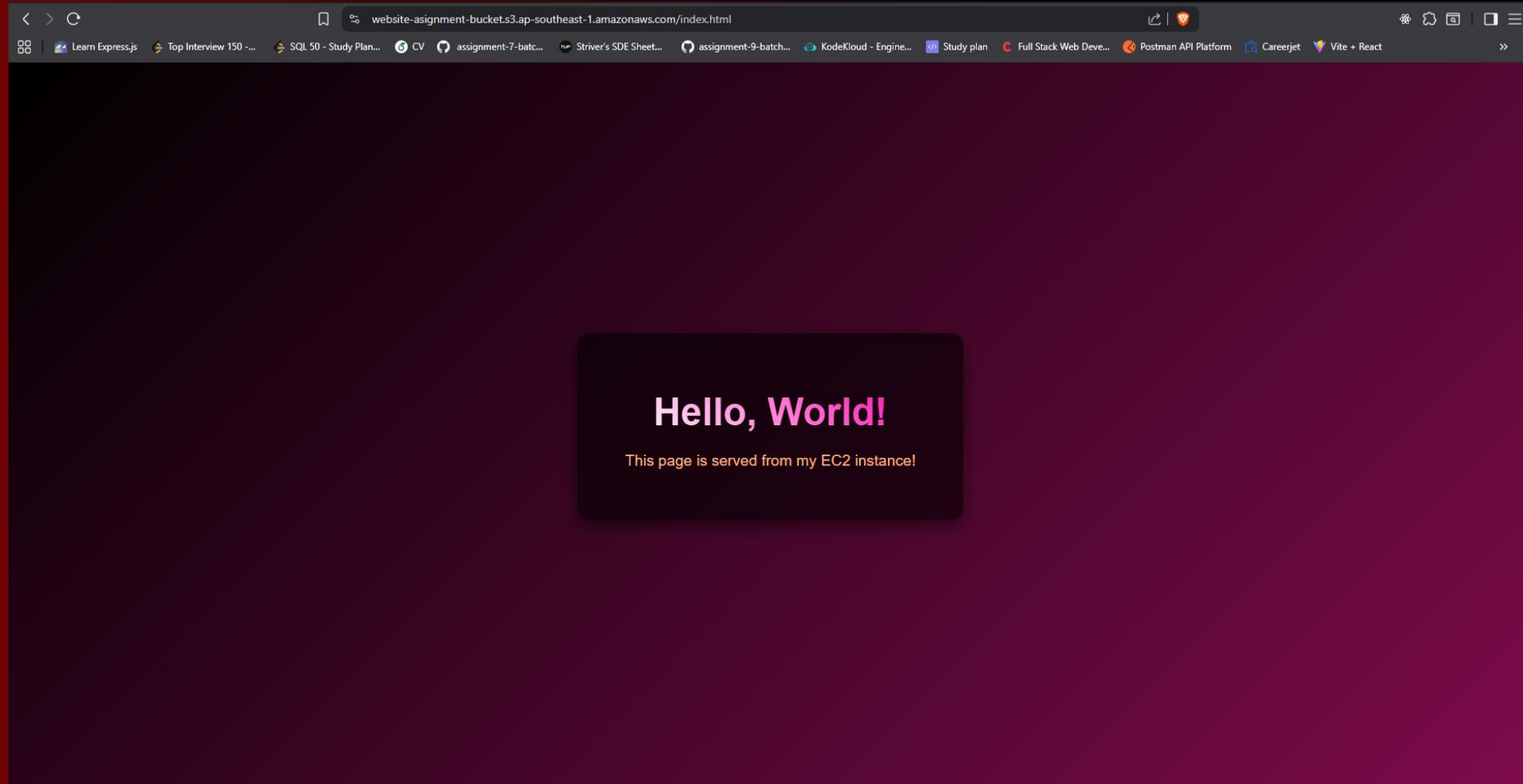
Bucket properties

Bucket Versioning When enabled, multiple variants of an object can be stored in the bucket to easily recover from unintended user actions and application failures. Disabled

Management configurations

Replication status When a replication rule is applied to an object the replication status indicates the progress of the operation. - View replication rules

4.SCREENSHOT OF RENDERED HTML FILE FROM THE S3 URL:



THANK YOU