STAR LION COLLEGE OF ENGINEERING AND TECHNOLOY

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Department	Computer Science and Engineering
Project	Personal Blog on IBM Cloud Static Web apps
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Personal Blog on IBM Cloud Static Web Apps

Phase-5 Submission Document

Project Title: Personal Travel Blog

Documentation Part

Project Objective:

Objective:

Develop a personal blog web application that allows users to create, edit, and publish blog posts. The web app should have a user-friendly interface, responsive design, and essential features such as user authentication, category management, and social media sharing options. The goal is to provide a platform for individuals to share their thoughts, experiences, and expertise through written content.

Design Thinking Process:

1. Empathize:
   - Understand the needs and preferences of bloggers through surveys and interviews.
   - Identify common challenges faced by bloggers, such as content management and reaching a wider audience.
   - Create user personas to represent the target audience and their goals.

2. Define:
   - Define the key features of the blog web application, including user authentication, post creation/editing, category management, and social media integration.
   - Establish the design principles, such as simplicity, readability, and easy navigation.
   - Clearly outline the problem statement, focusing on enhancing the blogging experience for users.

3. Ideate:
   - Brainstorm creative ideas for the blog app's user interface, considering intuitive content editing, interactive elements, and visually appealing layouts.
   - Explore innovative features like real-time collaboration, multimedia integration, or personalized content recommendations.
   - Prioritize ideas based on feasibility, user value, and alignment with the project goals.

4. Prototype:
   - Create wireframes and interactive prototypes showcasing the blog app's layout and user interactions.
   - Conduct usability testing with potential users to gather feedback on the prototype's design and functionality.
   - Iterate on the prototype based on user feedback, refining the user interface and user experience.

5. Test:
   - Perform usability testing with a diverse group of users to ensure the web app is intuitive and easy to use.
   - Identify pain points, navigation issues, or any confusion users might face during the interaction.
   - Make necessary adjustments to the design and features based on user testing results.

Development Phases:

1. Planning:
   - Define the technical requirements, including the choice of web technologies, frameworks, and hosting platforms.
   - Create a detailed project plan outlining tasks, milestones, and deadlines.
   - Set up version control, project management, and communication tools for the development team.

2. Design:
   - Develop the application architecture, database schema, and API specifications.
   - Design the user interface, focusing on responsive layouts for various devices (desktops, tablets, and smartphones).
   - Create design mockups, style guides, and visual assets for the development team to implement.

3. Development:
   - Implement frontend components using HTML, CSS, and JavaScript frameworks (e.g., React, Angular, or Vue.js).
   - Develop backend functionalities for user authentication, blog post management, and category handling using appropriate server-side technologies (e.g., Node.js, Django, or Ruby on Rails).
   - Set up the database system for storing user data, blog posts, and related content.

4. Testing:
    - Conduct unit testing for individual components and functions to ensure they work as intended.
    - Perform integration testing to validate interactions between frontend and backend systems.
    - Test the application's responsiveness and performance across different devices and web browsers.

5. Deployment:
    - Deploy the blog web application to a web server or cloud platform (e.g., AWS, Heroku, or Vercel).
    - Configure domain, SSL certificates, and server settings for secure and reliable access.
    - Monitor the application's performance, server health, and user interactions after deployment.

6. Launch:
    - Announce the blog web application's launch through social media, email newsletters, and relevant online communities.
    - Gather user feedback and monitor the application's usage patterns.
    - Address any post-launch issues, bugs, or user concerns promptly.

7. Post-Launch Support and Updates:
    - Provide customer support for user inquiries and technical assistance.
    - Regularly update the blog web application with new features, improvements, and security patches.
    - Analyze user feedback and usage data to inform future updates and enhancements, ensuring the continuous improvement of the blog platform.

Website Structure:

1. Homepage:
    - Featured Posts: Display a selection of recent or popular blog posts.
    - Introduction: Briefly introduce the blog and its author(s).
    - Categories: Provide links to different blog categories for easy navigation.
    - Search Bar: Allow users to search for specific topics or posts.

2. Blog Posts:
    - Individual Post Pages: Each blog post has its dedicated page.
    - Title: Display the post title prominently.
    - Author: Show the author's name and profile picture.
    - Content: Present the main text content of the blog post.
    - Comments: Allow readers to leave comments and engage in discussions.
    - Related Posts: Suggest related articles to keep users engaged.

3. User Interaction:
    - User Registration/Login: Allow users to create accounts and log in to personalize their experience.
    - User Profiles: Users can customize their profiles with bio, profile picture, and social media links.
    - Likes and Shares: Enable users to like and share posts on social media platforms.
    - Follow/Subscribe: Allow readers to subscribe/follow the blog for updates.

4. Content Creation:
    - Editor Interface: Provide a user-friendly editor for creating and formatting blog posts (support for rich text, images, videos).
    - Categories/Tags: Allow authors to categorize posts and add relevant tags for easy search and navigation.
    - Drafts and Revisions: Save drafts and revisions of posts for future editing.
    - Scheduled Publishing: Schedule posts to be published at specific dates and times.

5. Navigation:
    - Menu: Include a navigation menu with links to Home, Categories, About, Contact, and other relevant pages.
    - Pagination: Implement pagination for multiple pages of blog posts.
    - Archives: Provide an archive section categorizing posts by month and year.
    - Search Functionality: Include a robust search feature for users to find specific topics or posts.

Content Creation:

- Text Content: Authors can write and format their blog posts using the editor interface.
- Multimedia: Support for images, videos, and embedded media in blog posts.
- SEO Optimization: Allow authors to add meta titles, descriptions, and focus keywords for search engine optimization.
- Interactive Elements: polls, quizzes, and embedded social media feeds to engage readers.

Technical Implementation Details:

1. Frontend:
    - HTML/CSS: Use these technologies to create the website's structure, style, and interactivity.
    - Frontend Framework: Utilize frameworks like React, Angular, or Vue.js for a dynamic and responsive user interface.
    - Editor: Integrate a rich text editor like CKEditor or Draft.js for content creation.

2. Backend:
    - Server-Side Language: Choose a backend language such as Node.js, Python (Django), Ruby (Ruby on Rails), or PHP.
    - Database: Use a relational database (e.g., PostgreSQL, MySQL) to store user data, blog posts, and comments.
    - Authentication: Implement user authentication using technologies like JWT (JSON Web Tokens) or OAuth for secure user logins and account management.
    - API: Develop a RESTful API for frontend-backend communication, allowing data exchange between the client and server.

3. Data Storage:
    - File Storage: Store multimedia content (images, videos) in cloud storage services like Amazon S3 or Firebase Storage.
    - Database: Store blog posts, user profiles, comments, and other data in a structured database for efficient retrieval.

4. SEO and Analytics:
    - SEO Optimization: Implement on-page SEO techniques, including meta tags, headers, and schema markup, to improve search engine visibility.
    - Analytics: Integrate tools like Google Analytics to track user behavior, traffic sources, and popular content.

5. Security:
    - HTTPS: Secure the website with SSL/TLS encryption (HTTPS) to protect user data during transmission.
    - Data Validation:** Validate user inputs and sanitize data to prevent SQL injection and XSS attacks.
    - Authentication and Authorization:** Ensure secure user authentication and proper authorization to access sensitive functionalities.

6. Scalability and Performance:

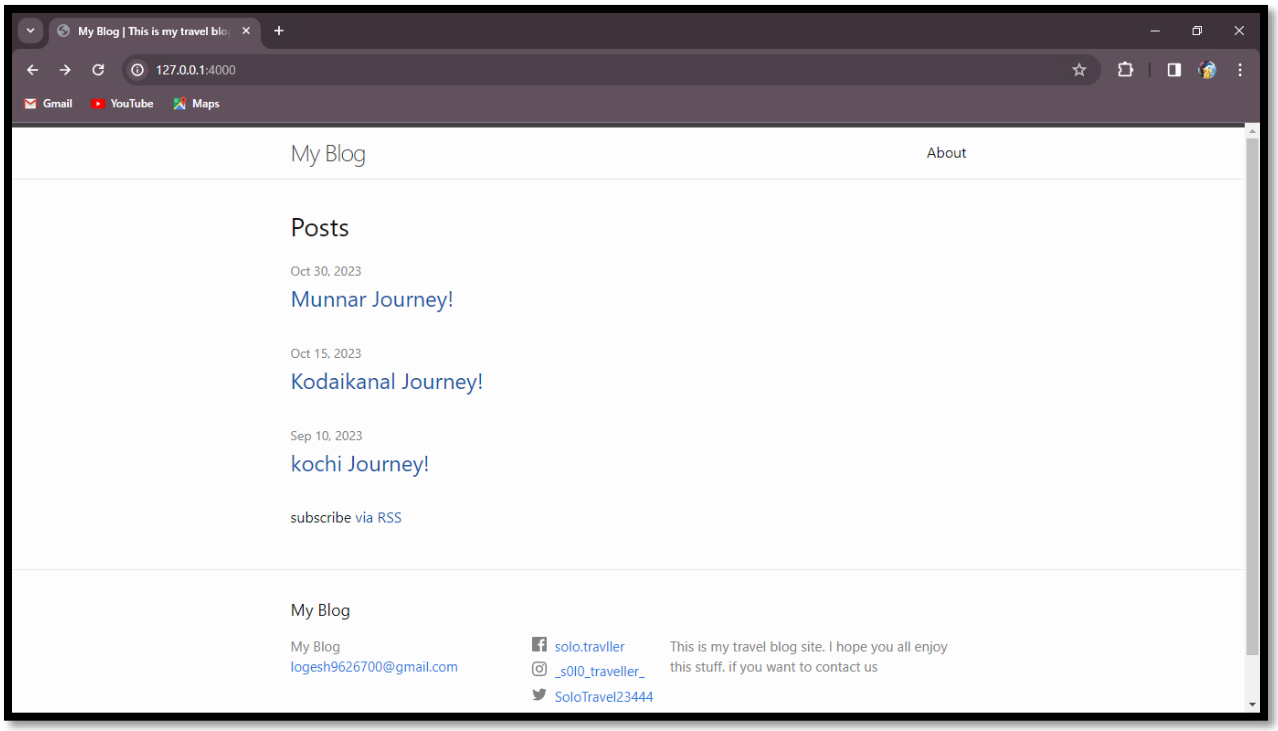
- Caching: Implement caching mechanisms to improve website performance and reduce server load.
- Load Balancing: If necessary, use load balancing techniques to distribute traffic across multiple servers for scalability.
- Content Delivery Network (CDN): Utilize CDNs to cache and serve static assets from servers closer to the user's location, enhancing website speed.

7. Deployment and Hosting:

- Hosting: Host the web application on reliable hosting platforms like AWS, Heroku, or Vercel.
- Continuous Deployment:** Set up continuous integration/delivery (CI/CD) pipelines to automate the deployment process for code changes.
- Domain and SSL:** Configure the domain name and SSL certificates for secure and branded access to the website.

screenshots or images of the blog's user interface :

Home page :



My Blog About

Posts

Oct 30, 2023
Munnar Journey!

Oct 15, 2023
Kodaikanal Journey!

Sep 10, 2023
kochi Journey!

subscribe via RSS

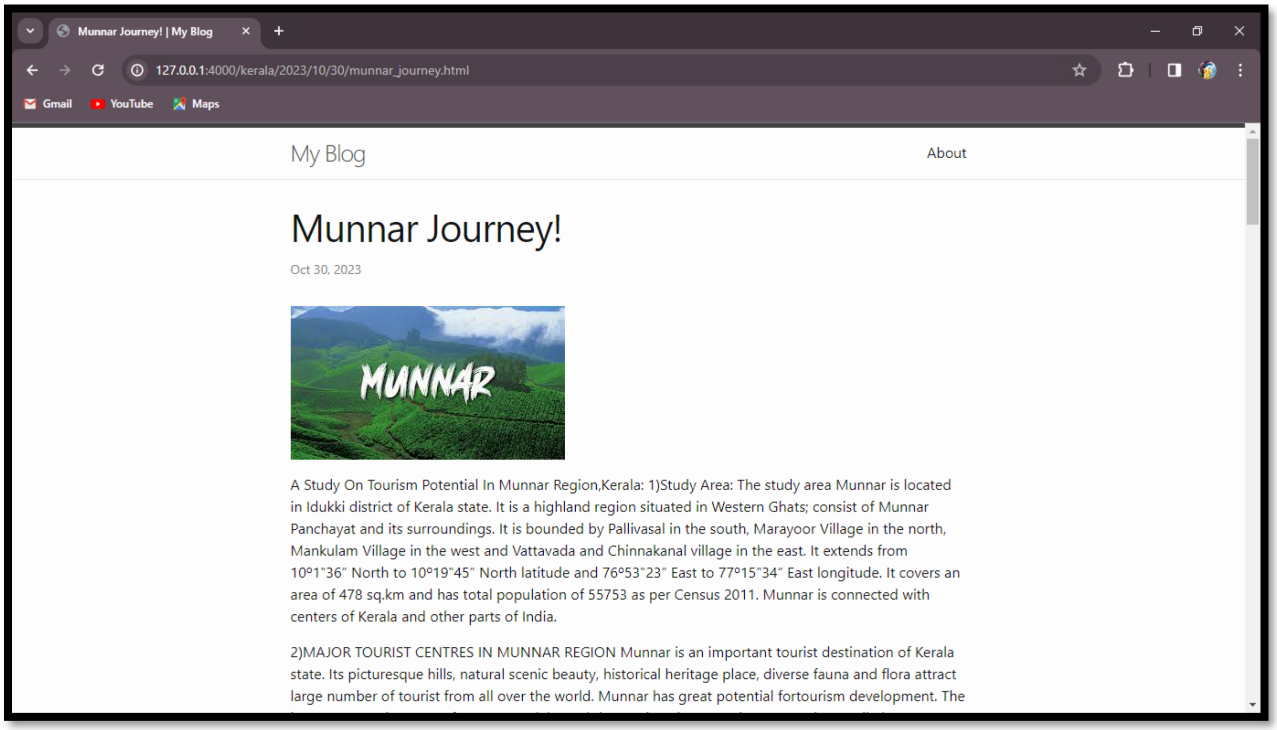
My Blog

My Blog
logesh9626700@gmail.com

solo.travller
_s0l0_traveller_
SoloTravel23444

This is my travel blog site. I hope you all enjoy this stuff. if you want to contact us

Post page :

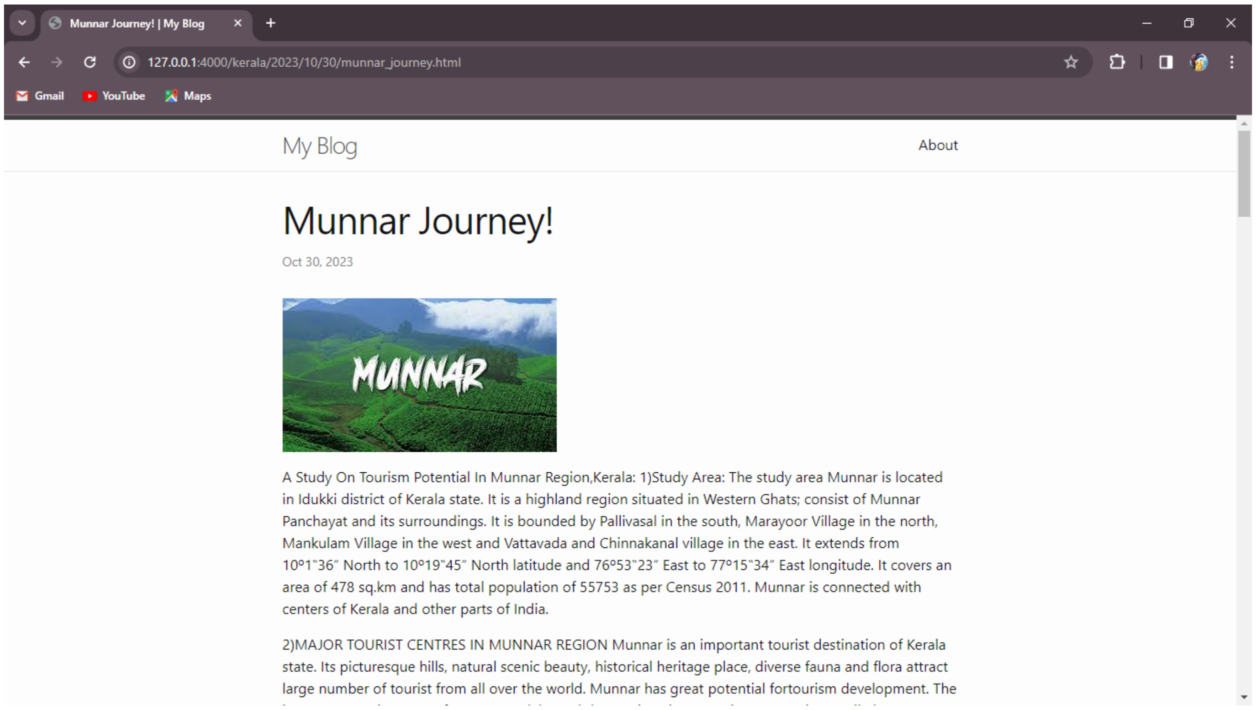

Munnar Journey! | My Blog
127.0.0.1:4000/kerala/2023/10/30/munnar_journey.html
Gmail
YouTube
Maps
My Blog
About
MUNNAR

Munnar Journey!

Oct 30, 2023

A Study On Tourism Potential In Munnar Region,Kerala: 1)Study Area: The study area Munnar is located in Idukki district of Kerala state. It is a highland region situated in Western Ghats; consist of Munnar Panchayat and its surroundings. It is bounded by Pallivasal in the south, Marayoor Village in the north, Mankulam Village in the west and Vattavada and Chinnakanal village in the east. It extends from 10º1"36" North to 10º19"45" North latitude and 76º53"23" East to 77º15"34" East longitude. It covers an area of 478 sq.km and has total population of 55753 as per Census 2011. Munnar is connected with centers of Kerala and other parts of India.

2)MAJOR TOURIST CENTRES IN MUNNAR REGION Munnar is an important tourist destination of Kerala state. Its picturesque hills, natural scenic beauty, historical heritage place, diverse fauna and flora attract large number of tourist from all over the world. Munnar has great potential fortourism development. The


Munnar Journey!

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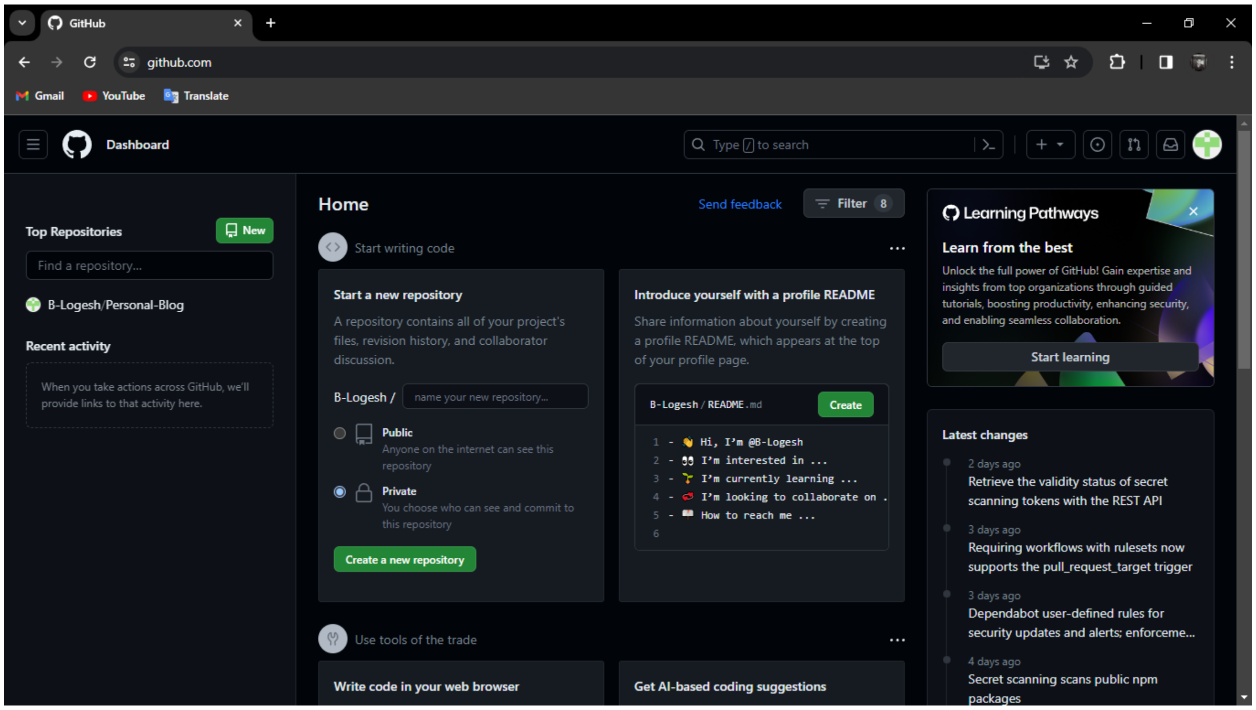
Submission Part

Github :

First open your github account home page.



Top Repositories

Find a repository...

B-Logesh/Personal-Blog

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Start a new repository

A repository contains all of your project's files, revision history, and collaborator discussion.

B-Logesh / name your new repository...

Public
Anyone on the internet can see this repository

Private
You choose who can see and commit to this repository

Introduce yourself with a profile README

Share information about yourself by creating a profile README, which appears at the top of your profile page.

B-Logesh / README.md

```
- 👋 Hi, I'm @B-Logesh
- 👀 I'm interested in ...
- 🌱 I'm currently learning ...
- 💞️ I'm looking to collaborate on ...
- 📫 How to reach me ...
```

Learning Pathways

Learn from the best

Unlock the full power of GitHub! Gain expertise and insights from top organizations through guided tutorials, boosting productivity, enhancing security, and enabling seamless collaboration.

Latest changes

2 days ago
Retrieve the validity status of secret scanning tokens with the REST API

3 days ago
Requiring workflows with rulesets now supports the pull_request_target trigger

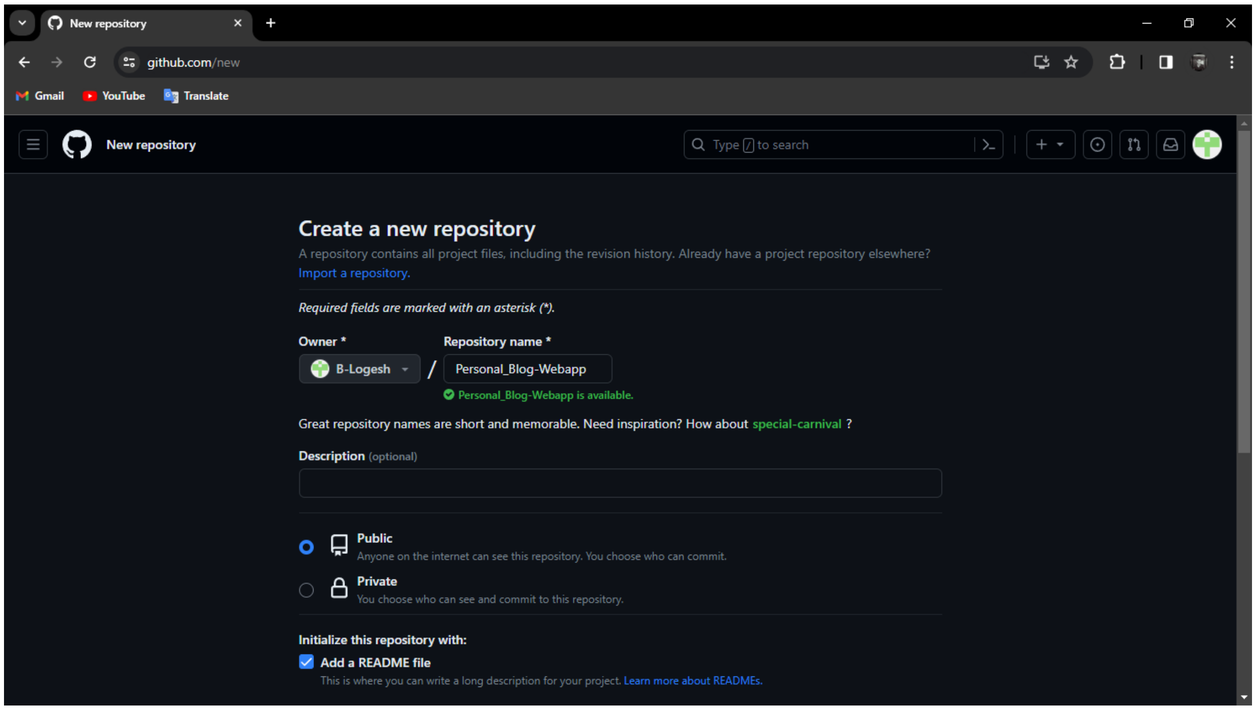
3 days ago
Dependabot user-defined rules for security updates and alerts; enforceme...

4 days ago
Secret scanning scans public npm packages

Write code in your web browser

Get AI-based coding suggestions

Create new repository and name it project name and add read me file.



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Required fields are marked with an asterisk (*).

Owner * B-Logesh / Repository name * Personal_Blog-Webapp

Personal_Blog-Webapp is available.

Great repository names are short and memorable. Need inspiration? How about special-carnival ?

Description (optional)

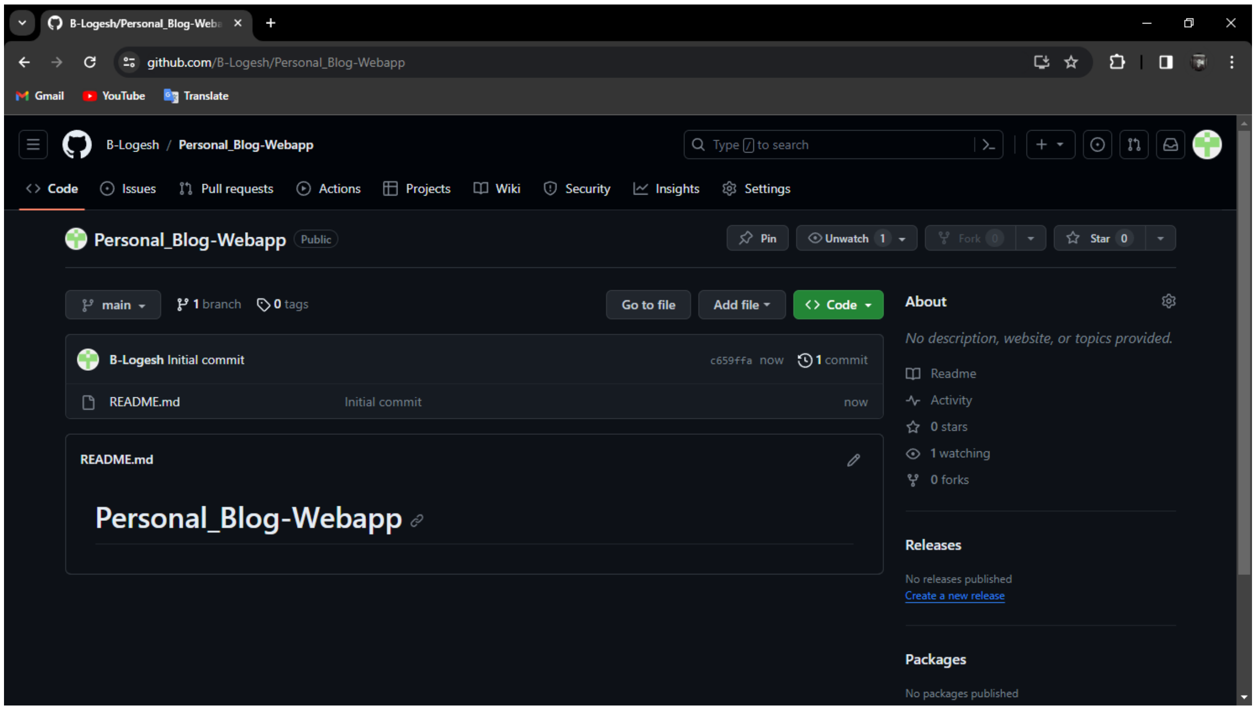
[✓ Public] Anyone on the internet can see this repository. You choose who can commit.

Private
You choose who can see and commit to this repository.

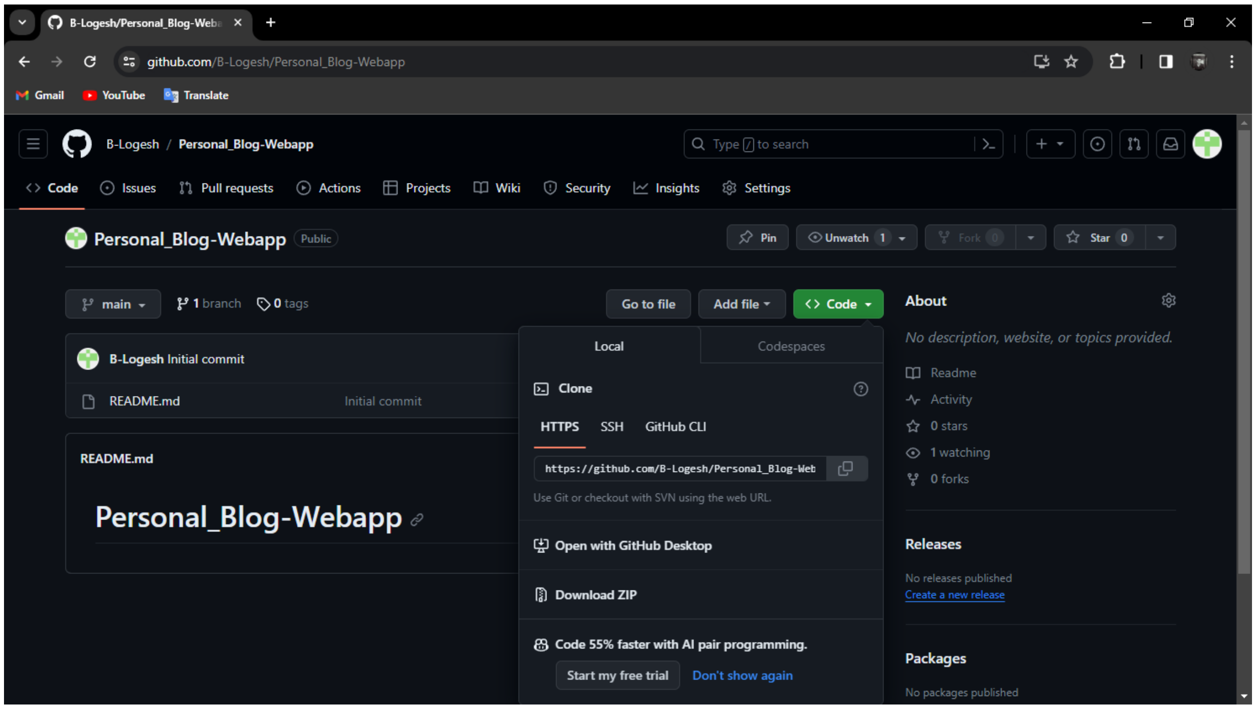
Initialize this repository with:

[✓] Add a README file
This is where you can write a long description for your project. Learn more about READMEs.

After creation of new repository the tab will look like this.



Copy the repository url from the code option.

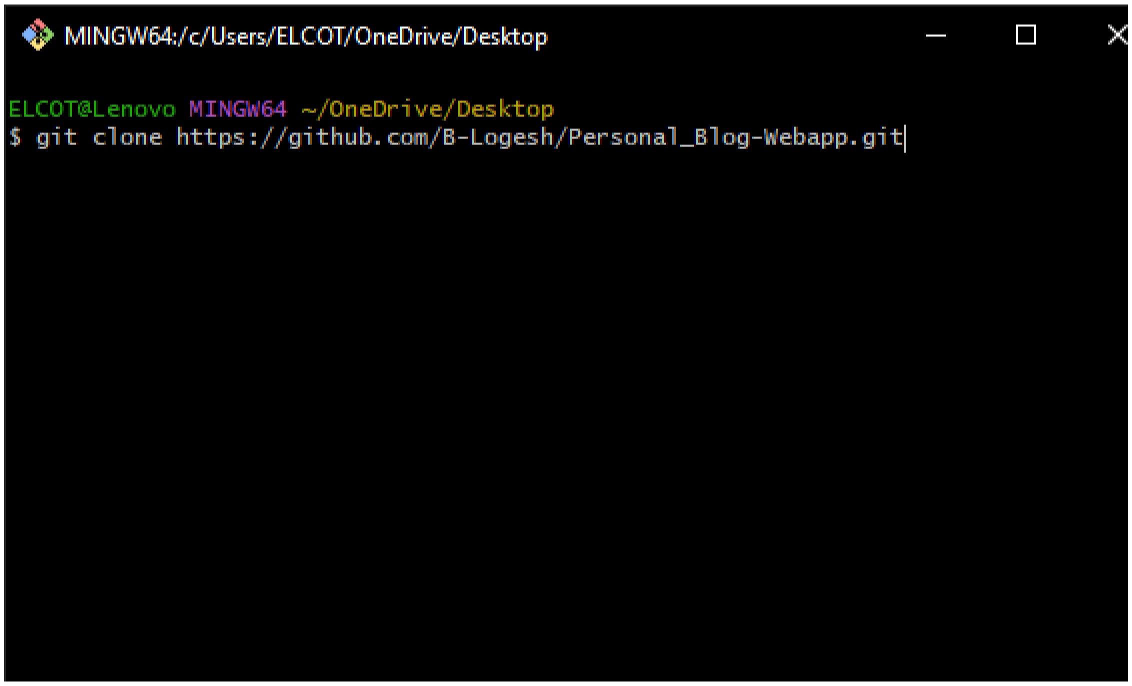


```
https://github.com/B-Logesh/Personal_Blog-Web
```

Use Git or checkout with SVN using the web URL.

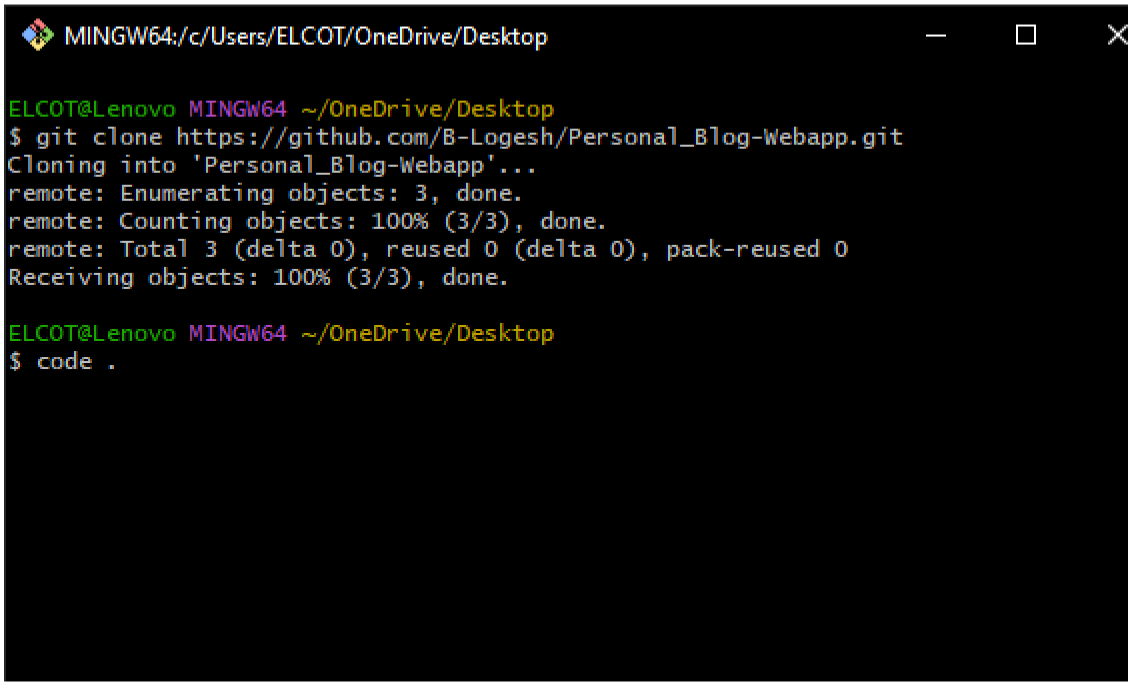
Git :

Type git clone <URL> and press enter.



```
ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop
$ git clone https://github.com/B-Logesh/Personal_Blog-Webapp.git
```

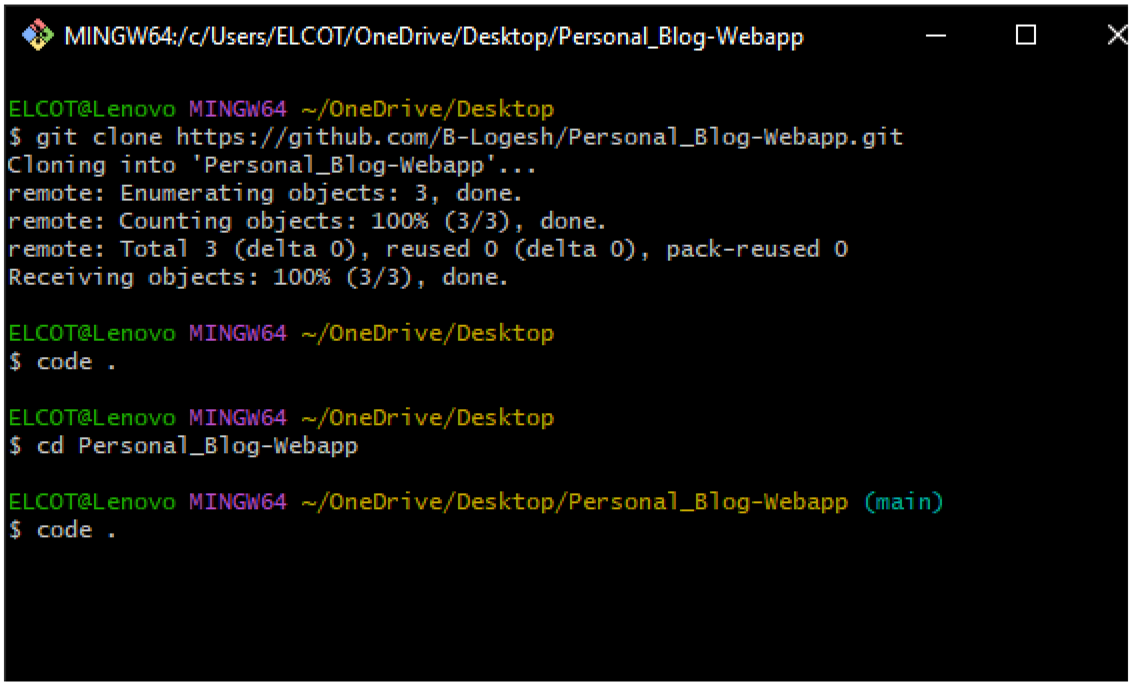
After pressing enter this tab will show.



```
ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop
$ git clone https://github.com/B-Logesh/Personal_Blog-Webapp.git
Cloning into 'Personal_Blog-Webapp'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop
$ code .
```

Use cd <folder name> to change the directory to the folder.



```
MINGW64:/c/Users/ELCOT/OneDrive/Desktop/Personal_Blog-Webapp

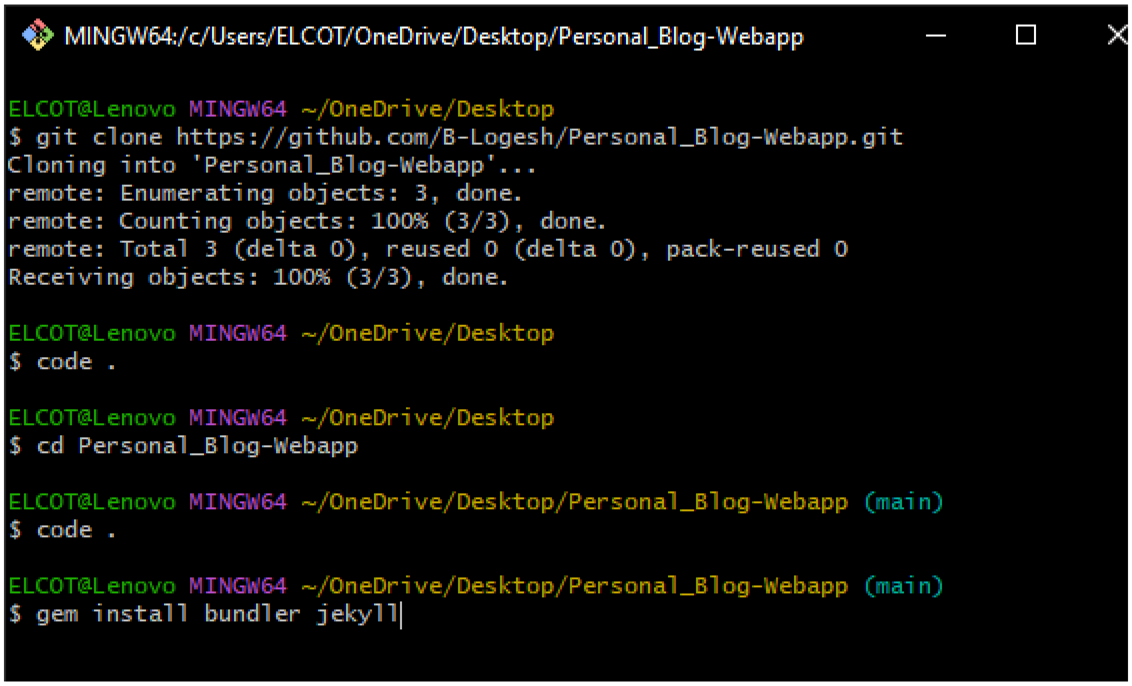
ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop
$ git clone https://github.com/B-Logesh/Personal_Blog-Webapp.git
Cloning into 'Personal_Blog-Webapp'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop
$ code .

ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop
$ cd Personal_Blog-Webapp

ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop/Personal_Blog-Webapp (main)
$ code .
```

Type this command to install Jekyll bundle on the repository.



```
MINGW64:/c/Users/ELCOT/OneDrive/Desktop/Personal_Blog-Webapp

ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop
$ git clone https://github.com/B-Logesh/Personal_Blog-Webapp.git
Cloning into 'Personal_Blog-Webapp'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

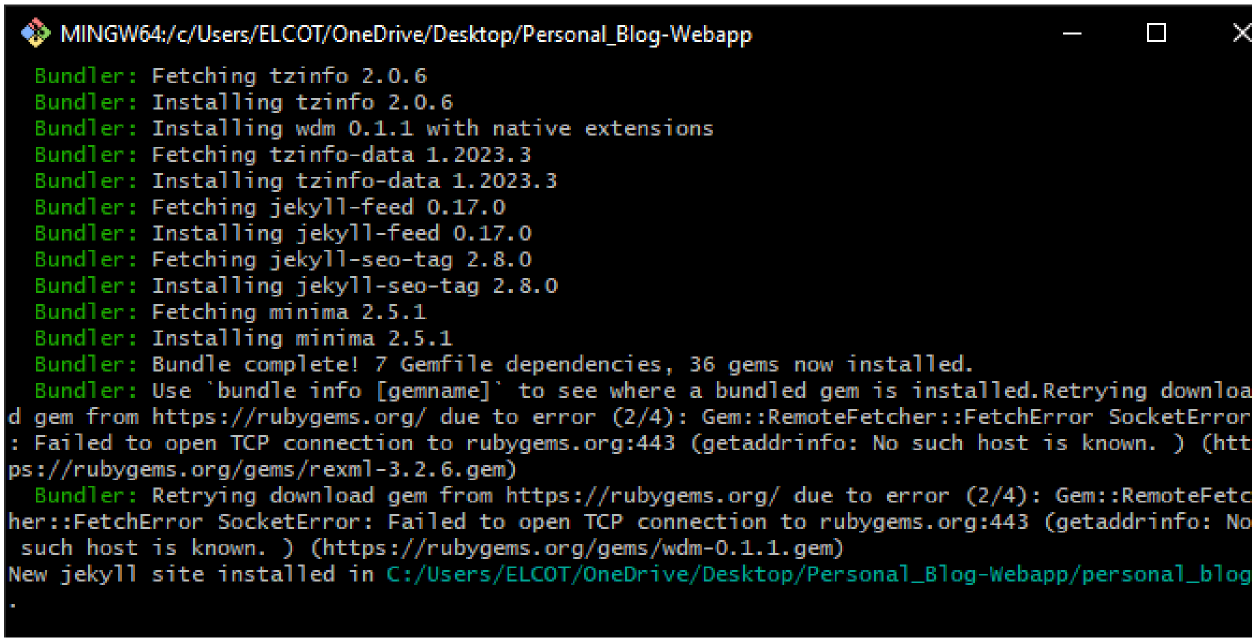
ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop
$ code .

ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop
$ cd Personal_Blog-Webapp

ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop/Personal_Blog-Webapp (main)
$ code .

ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop/Personal_Blog-Webapp (main)
$ gem install bundler jekyll
```

This tab will show after the Jekyll installation.



```
MINGW64:/c/Users/ELCOT/OneDrive/Desktop/Personal_Blog-Webapp
  Bundler: Fetching tzinfo 2.0.6
  Bundler: Installing tzinfo 2.0.6
  Bundler: Installing wdm 0.1.1 with native extensions
  Bundler: Fetching tzinfo-data 1.2023.3
  Bundler: Installing tzinfo-data 1.2023.3
  Bundler: Fetching jekyll-feed 0.17.0
  Bundler: Installing jekyll-feed 0.17.0
  Bundler: Fetching jekyll-seo-tag 2.8.0
  Bundler: Installing jekyll-seo-tag 2.8.0
  Bundler: Fetching minima 2.5.1
  Bundler: Installing minima 2.5.1
  Bundler: Bundle complete! 7 Gemfile dependencies, 36 gems now installed.
  Bundler: Use `bundle info [gemname]` to see where a bundled gem is installed.Retrying downloa
d gem from https://rubygems.org/ due to error (2/4): Gem::RemoteFetcher::FetchError SocketError
: Failed to open TCP connection to rubygems.org:443 (getaddrinfo: No such host is known. ) (htt
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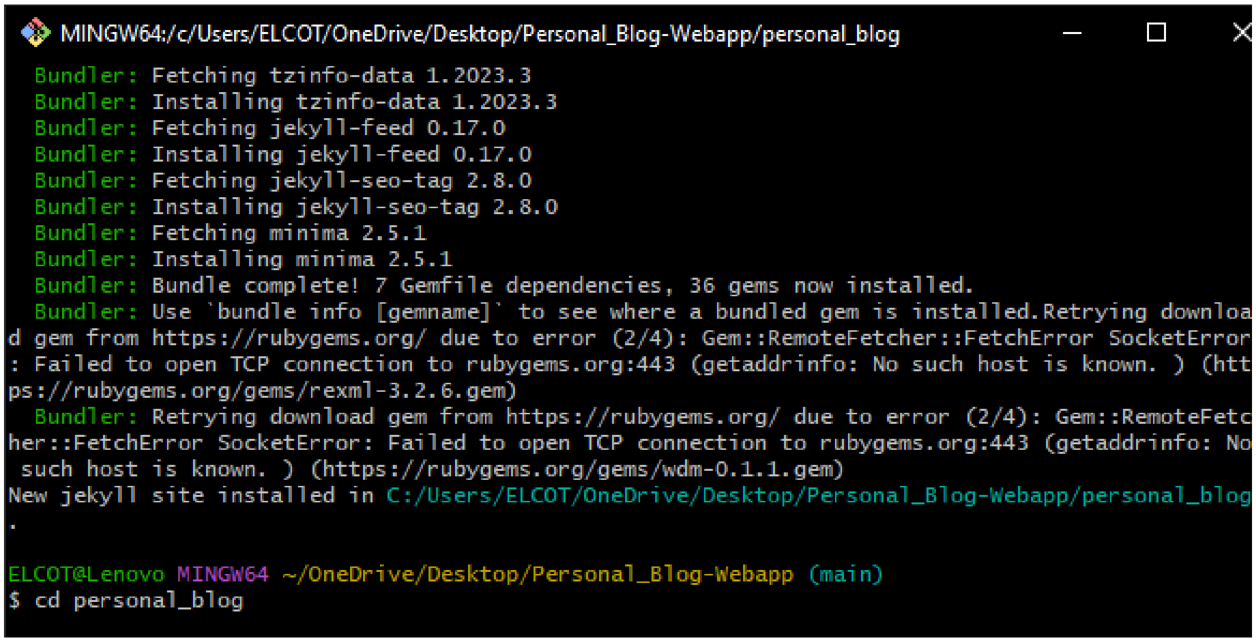
  Bundler: Retrying download gem from https://rubygems.org/ due to error (2/4): Gem::RemoteFetc
her::FetchError SocketError: Failed to open TCP connection to rubygems.org:443 (getaddrinfo: No
 such host is known. ) (https://rubygems.org/gems/wdm-0.1.1.gem)
New jekyll site installed in C:/Users/ELCOT/OneDrive/Desktop/Personal_Blog-Webapp/personal_blog
.
```

Again use cd <folder name> to change the directory to the folder.



```
MINGW64:/c/Users/ELCOT/OneDrive/Desktop/Personal_Blog-Webapp/personal_blog
  Bundler: Fetching tzinfo-data 1.2023.3
  Bundler: Installing tzinfo-data 1.2023.3
  Bundler: Fetching jekyll-feed 0.17.0
  Bundler: Installing jekyll-feed 0.17.0
  Bundler: Fetching jekyll-seo-tag 2.8.0
  Bundler: Installing jekyll-seo-tag 2.8.0
  Bundler: Fetching minima 2.5.1
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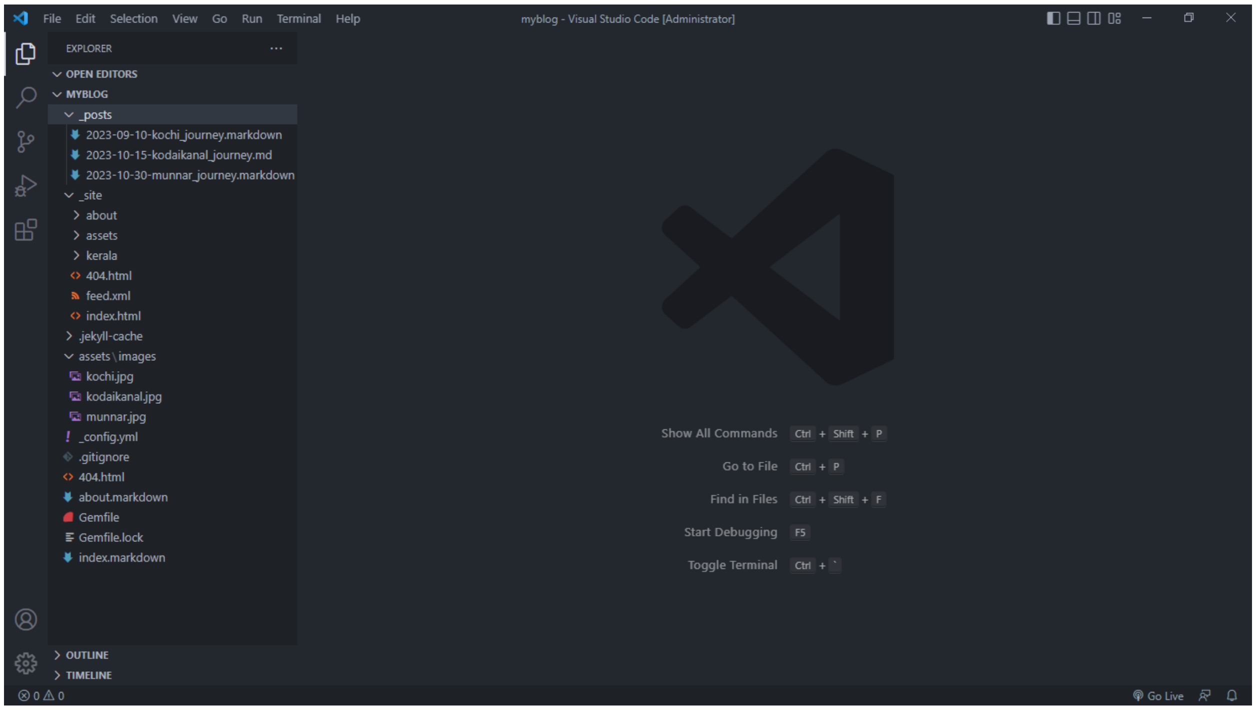
  Bundler: Retrying download gem from https://rubygems.org/ due to error (2/4): Gem::RemoteFetc
her::FetchError SocketError: Failed to open TCP connection to rubygems.org:443 (getaddrinfo: No
 such host is known. ) (https://rubygems.org/gems/wdm-0.1.1.gem)
New jekyll site installed in C:/Users/ELCOT/OneDrive/Desktop/Personal_Blog-Webapp/personal_blog
.

ELCOT@Lenovo MINGW64 ~/OneDrive/Desktop/Personal_Blog-Webapp (main)
$ cd personal_blog
```

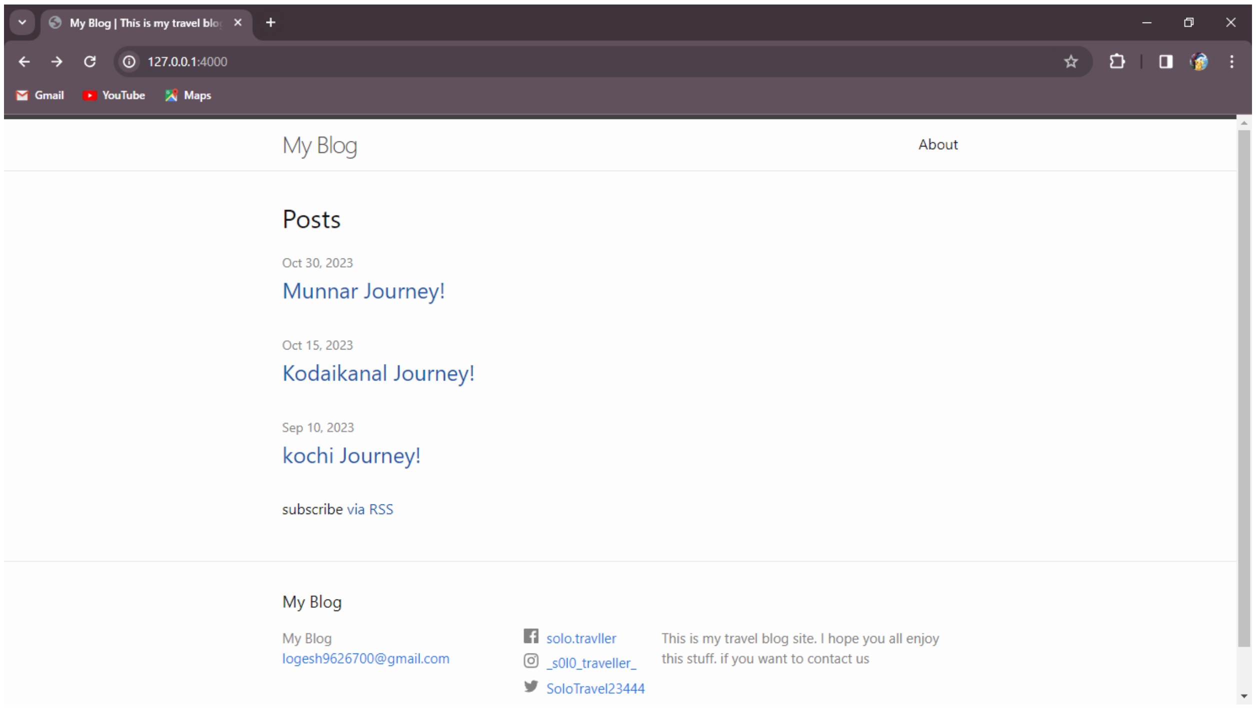
Use code . command to open the directory to the editor.



File Edit Selection View Go Run Terminal Help   myblog - Visual Studio Code [Administrator]

```
EXPLORER
OPEN EDITORS
MYBLOG
  _posts
    2023-09-10-kochi_journey.markdown
    2023-10-15-kodaikanal_journey.md
    2023-10-30-munnar_journey.markdown
  _site
    about
    assets
    kerala
    404.html
    feed.xml
    index.html
  .jekyll-cache
  assets\images
    kochi.jpg
    kodaikanal.jpg
    munnar.jpg
  _config.yml
  .gitignore
  404.html
  about.markdown
  Gemfile
  Gemfile.lock
  index.markdown
OUTLINE
TIMELINE
```

This is the output in local host.



My Blog   About

Posts

Oct 30, 2023
Munnar Journey!

Oct 15, 2023
Kodaikanal Journey!

Sep 10, 2023
kochi Journey!

subscribe via RSS

My Blog

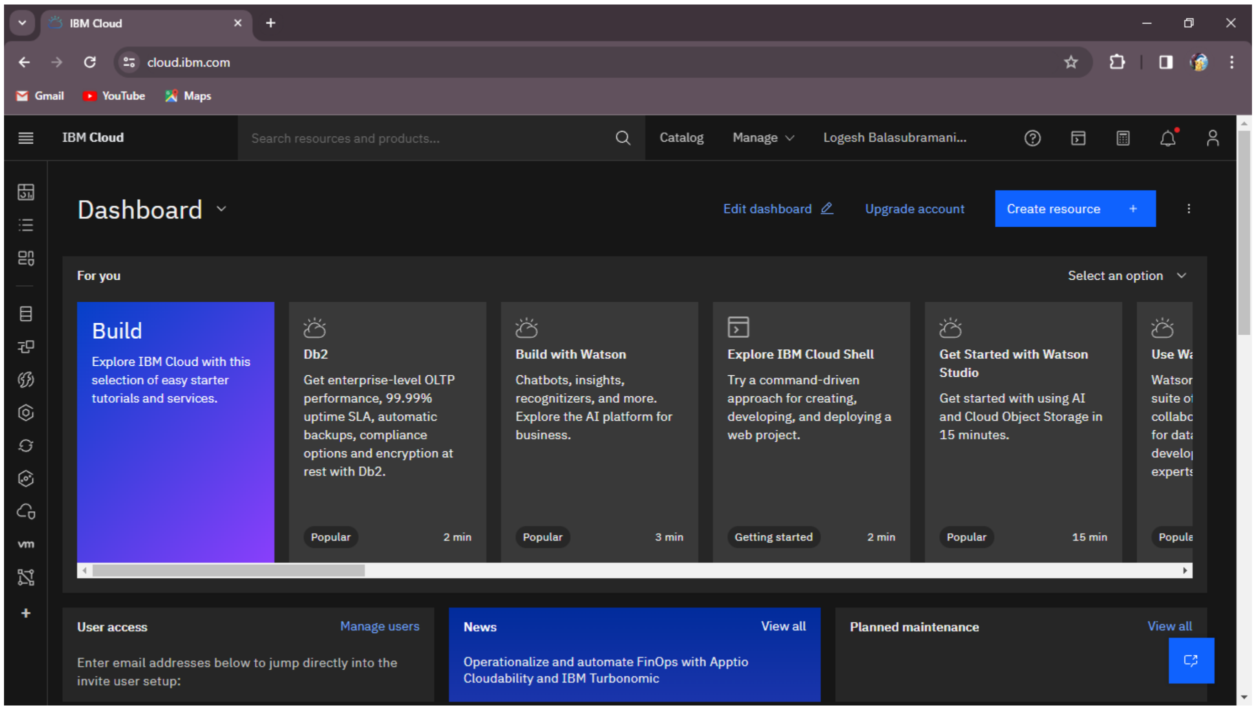
My Blog
logesh9626700@gmail.com

solo.travller
_s0l0_traveller_
SoloTravel23444

This is my travel blog site. I hope you all enjoy this stuff. if you want to contact us

IBM Cloud :

Login IBM Cloud with your respective email id and password. This is the landing page.



Explore IBM Cloud with this selection of easy starter tutorials and services.

Get enterprise-level OLTP performance, 99.99% uptime SLA, automatic backups, compliance options and encryption at rest with Db2.

Chatbots, insights, recognizers, and more. Explore the AI platform for business.

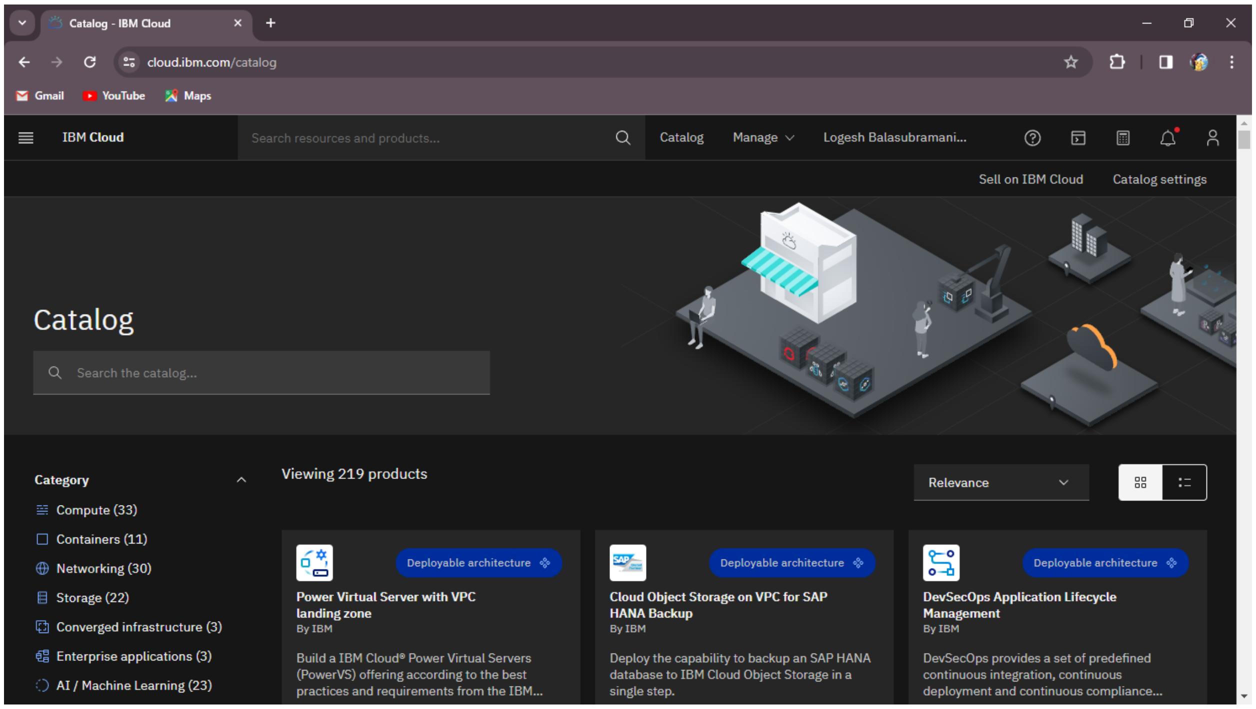
Try a command-driven approach for creating, developing, and deploying a web project.

Get started with using AI and Cloud Object Storage in 15 minutes.

Enter email addresses below to jump directly into the invite user setup:

Operationalize and automate FinOps with Apptio Cloudability and IBM Turbonomic

Press the create resource from right corner asnd catalog page will appear.

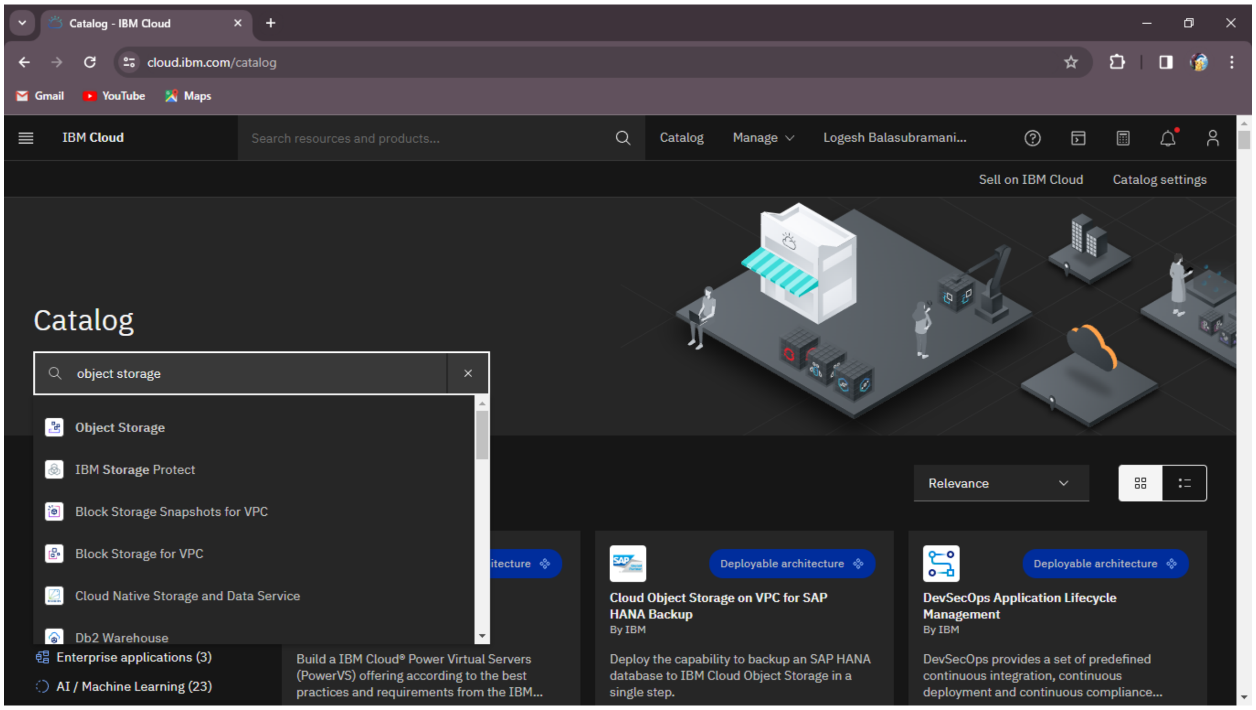


Power Virtual Server with VPC landing zone
By IBM
Build a IBM Cloud® Power Virtual Servers (PowerVS) offering according to the best practices and requirements from the IBM...

Cloud Object Storage on VPC for SAP HANA Backup
By IBM
Deploy the capability to backup an SAP HANA database to IBM Cloud Object Storage in a single step.

DevSecOps Application Lifecycle Management
By IBM
DevSecOps provides a set of predefined continuous integration, continuous deployment and continuous compliance...

Use search bar and search Object storage.



Catalog - IBM Cloud

cloud.ibm.com/catalog

Gmail YouTube Maps

IBM Cloud | Search resources and products... | Catalog | Manage | Logesh Balasubramani...

Sell on IBM Cloud | Catalog settings

Catalog

object storage

- Object Storage
- IBM Storage Protect
- Block Storage Snapshots for VPC
- Block Storage for VPC
- Cloud Native Storage and Data Service
- Db2 Warehouse

Enterprise applications (3)

AI / Machine Learning (23)

Relevance

Build a IBM Cloud® Power Virtual Servers (PowerVS) offering according to the best practices and requirements from the IBM...

Deployable architecture

Cloud Object Storage on VPC for SAP HANA Backup
By IBM

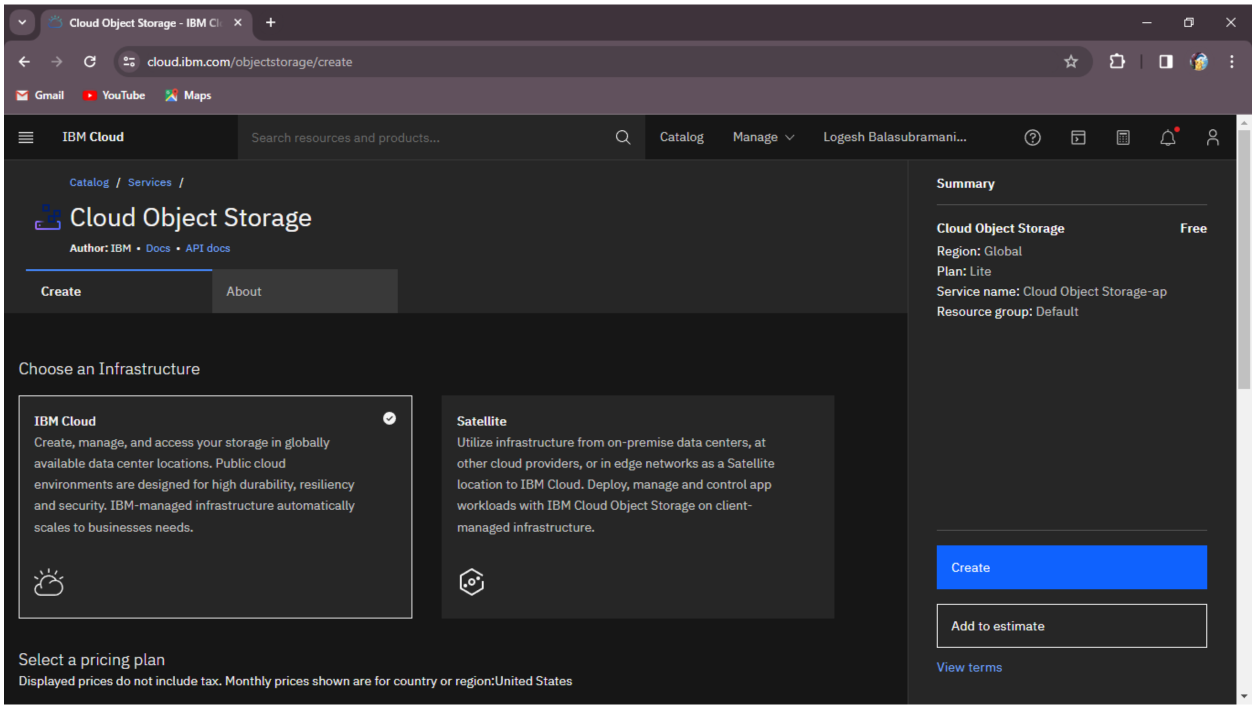
Deploy the capability to backup an SAP HANA database to IBM Cloud Object Storage in a single step.

Deployable architecture

DevSecOps Application Lifecycle Management
By IBM

DevSecOps provides a set of predefined continuous integration, continuous deployment and continuous compliance...

This is the page for object storage and scroll down.



Cloud Object Storage - IBM Cl

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Cloud Object Storage

Author: IBM • Docs • API docs

Create | About

Choose an Infrastructure

IBM Cloud
Create, manage, and access your storage in globally available data center locations. Public cloud environments are designed for high durability, resiliency and security. IBM-managed infrastructure automatically scales to businesses needs.

Satellite
Utilize infrastructure from on-premise data centers, at other cloud providers, or in edge networks as a Satellite location to IBM Cloud. Deploy, manage and control app workloads with IBM Cloud Object Storage on client-managed infrastructure.

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or region:United States

Summary

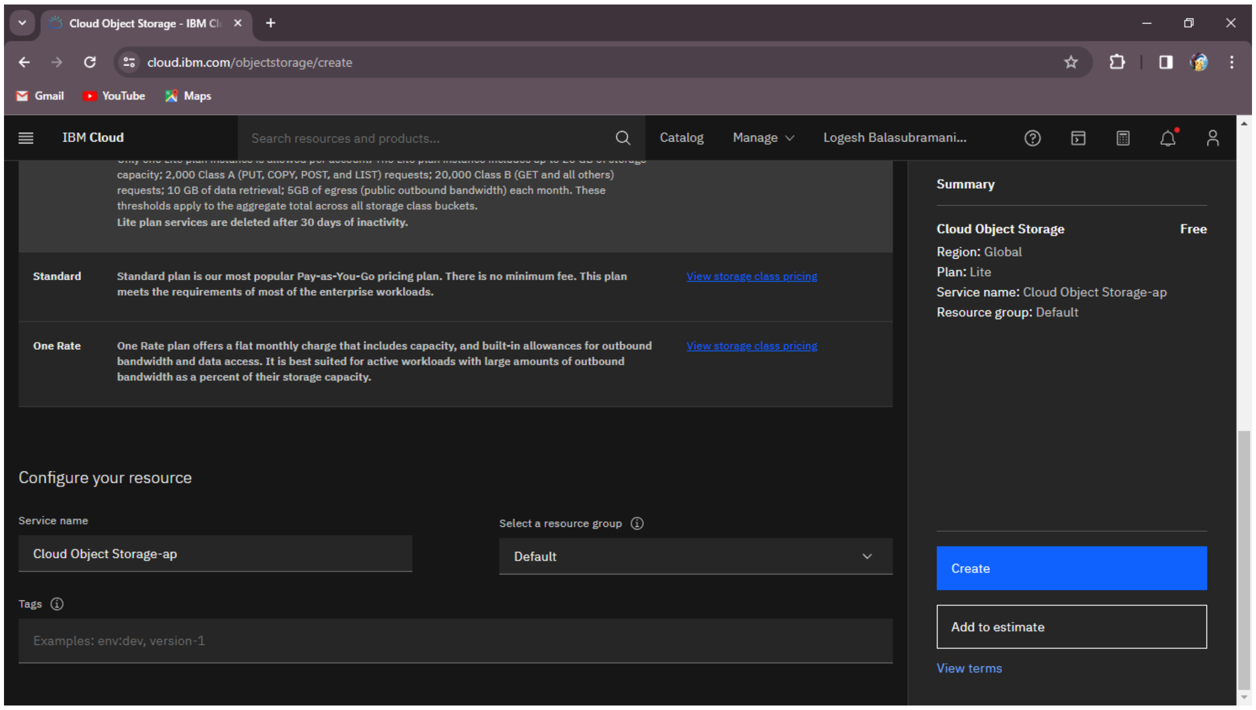
Cloud Object Storage Free
Region: Global
Plan: Lite
Service name: Cloud Object Storage-ap
Resource group: Default

Create

Add to estimate

View terms

Press the create on the right bottom.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capacity; 2,000 Class A (PUT, COPY, POST, and LIST) requests; 20,000 Class B (GET and all others) requests; 10 GB of data retrieval; 5GB of egress (public outbound bandwidth) each month. These thresholds apply to the aggregate total across all storage class buckets.
Lite plan services are deleted after 30 days of inactivity.

Standard	Standard plan is our most popular Pay-as-You-Go pricing plan. There is no minimum fee. This plan meets the requirements of most of the enterprise workloads.	View storage class pricing
One Rate	One Rate plan offers a flat monthly charge that includes capacity, and built-in allowances for outbound bandwidth and data access. It is best suited for active workloads with large amounts of outbound bandwidth as a percent of their storage capacity.	View storage class pricing

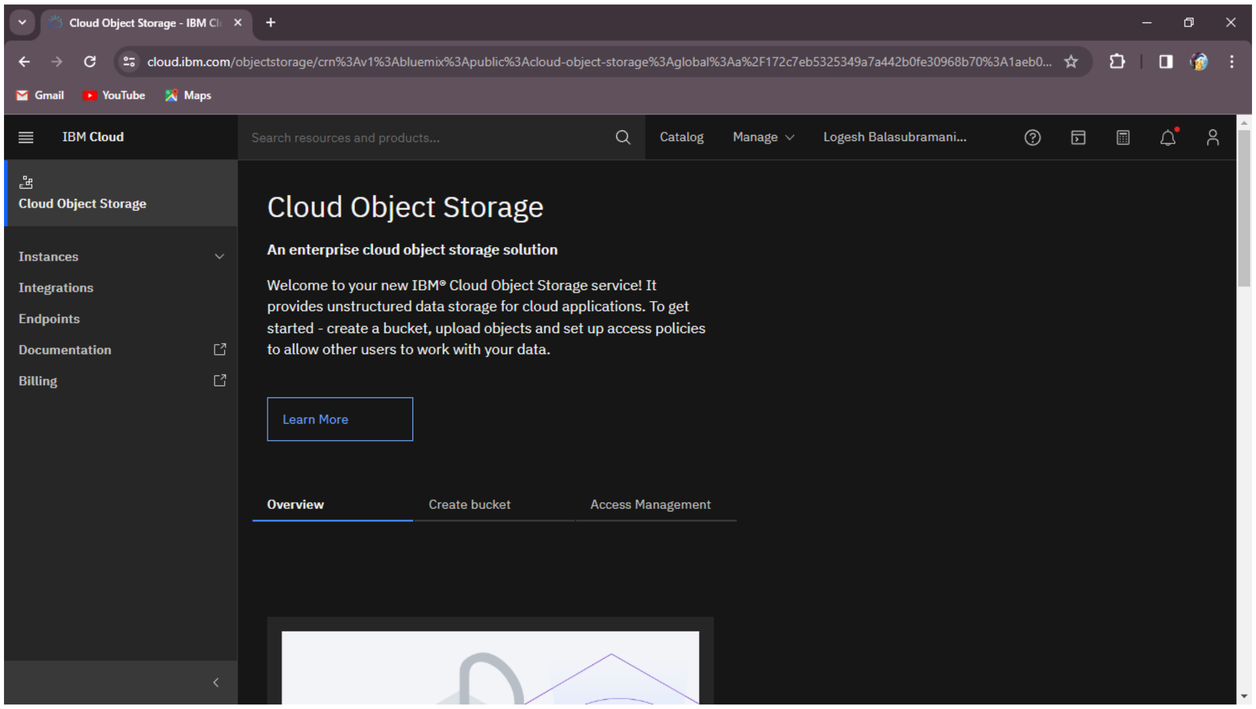
Configure your resource

Service name: Cloud Object Storage-ap
Select a resource group: Default
Tags: Examples: env:dev, version-1

Summary

Cloud Object Storage Free
Region: Global
Plan: Lite
Service name: Cloud Object Storage-ap
Resource group: Default

After creating the resource the page will like this.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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A1aeb0...
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Endpoints
Documentation
Billing

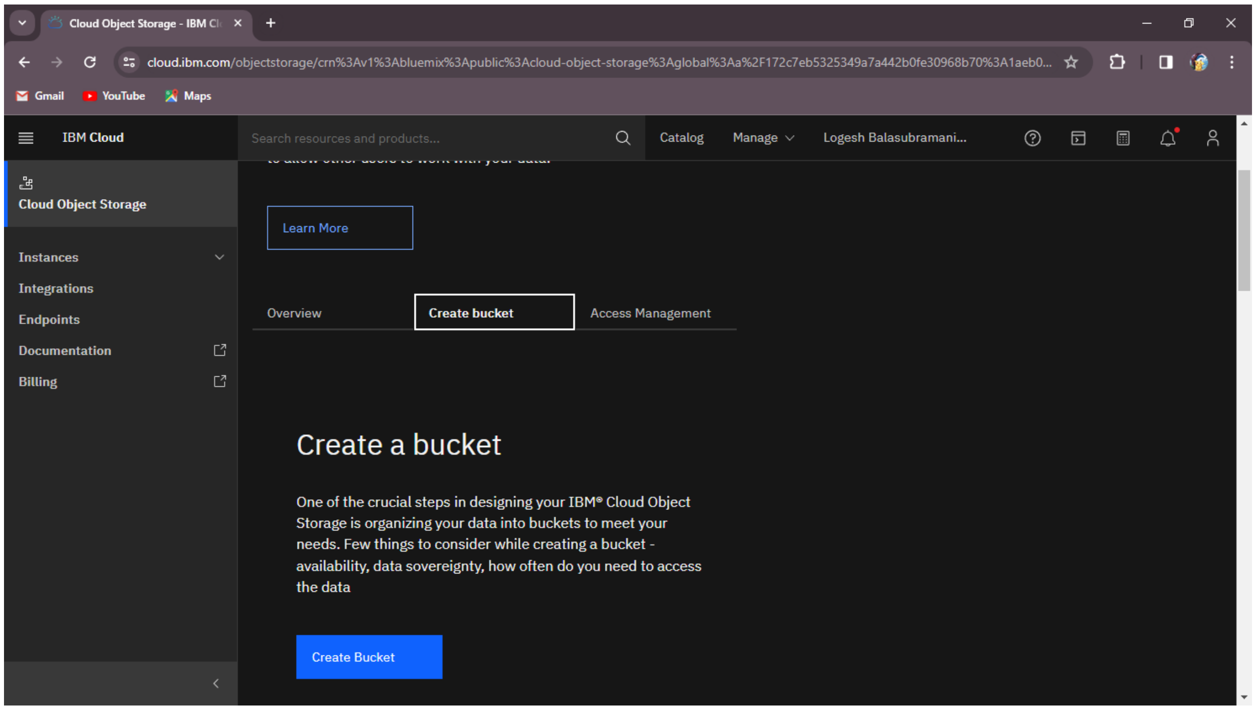
Cloud Object Storage

An enterprise cloud object storage solution

Welcome to your new IBM® Cloud Object Storage service! It provides unstructured data storage for cloud applications. To get started - create a bucket, upload objects and set up access policies to allow other users to work with your data.

Learn More
Overview
Create bucket
Access Management

Press the middle option create bucket.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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A1aeb0...
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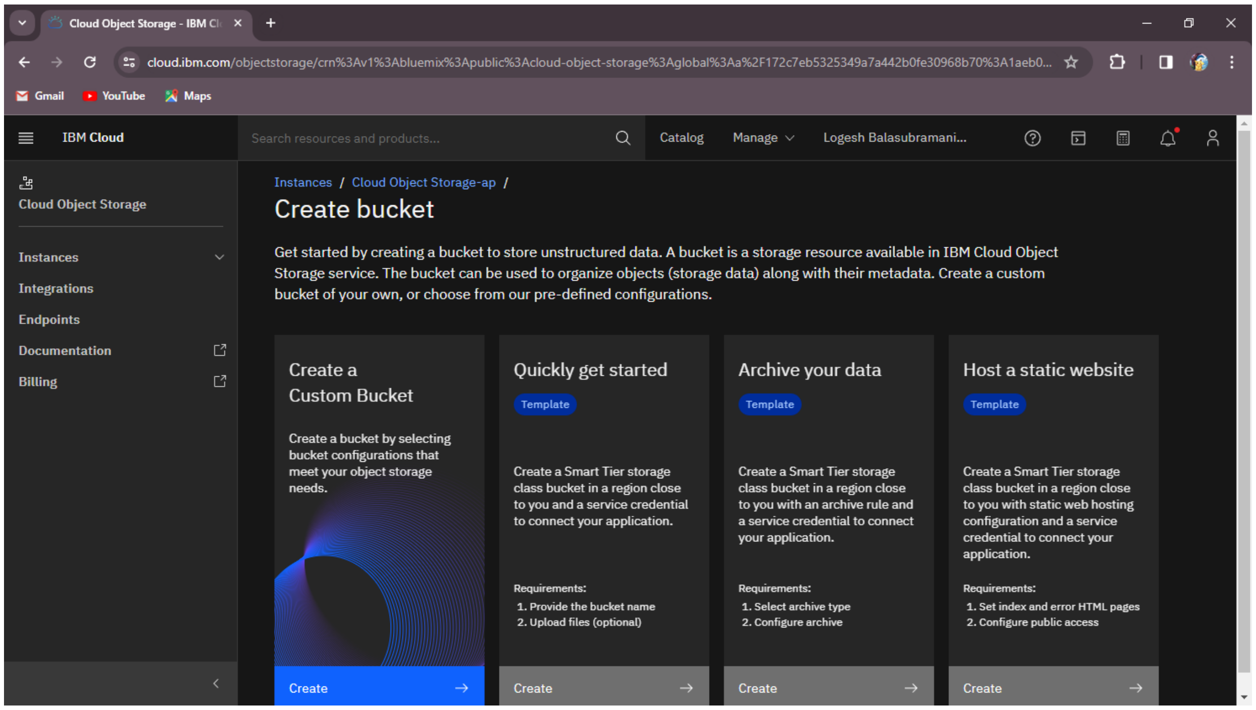
Billing
Learn More
Overview
Create bucket
Access Management

Create a bucket

One of the crucial steps in designing your IBM® Cloud Object Storage is organizing your data into buckets to meet your needs. Few things to consider while creating a bucket - availability, data sovereignty, how often do you need to access the data

Choose the custom bucket.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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A1aeb0...
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Create bucket

Get started by creating a bucket to store unstructured data. A bucket is a storage resource available in IBM Cloud Object Storage service. The bucket can be used to organize objects (storage data) along with their metadata. Create a custom bucket of your own, or choose from our pre-defined configurations.

Create a Custom Bucket

Create a bucket by selecting bucket configurations that meet your object storage needs.

Create

Quickly get started

Template

Create a Smart Tier storage class bucket in a region close to you and a service credential to connect your application.

Requirements:
1. Provide the bucket name
2. Upload files (optional)

Create

Archive your data

Template

Create a Smart Tier storage class bucket in a region close to you with an archive rule and a service credential to connect your application.

Requirements:
1. Select archive type
2. Configure archive

Create

Host a static website

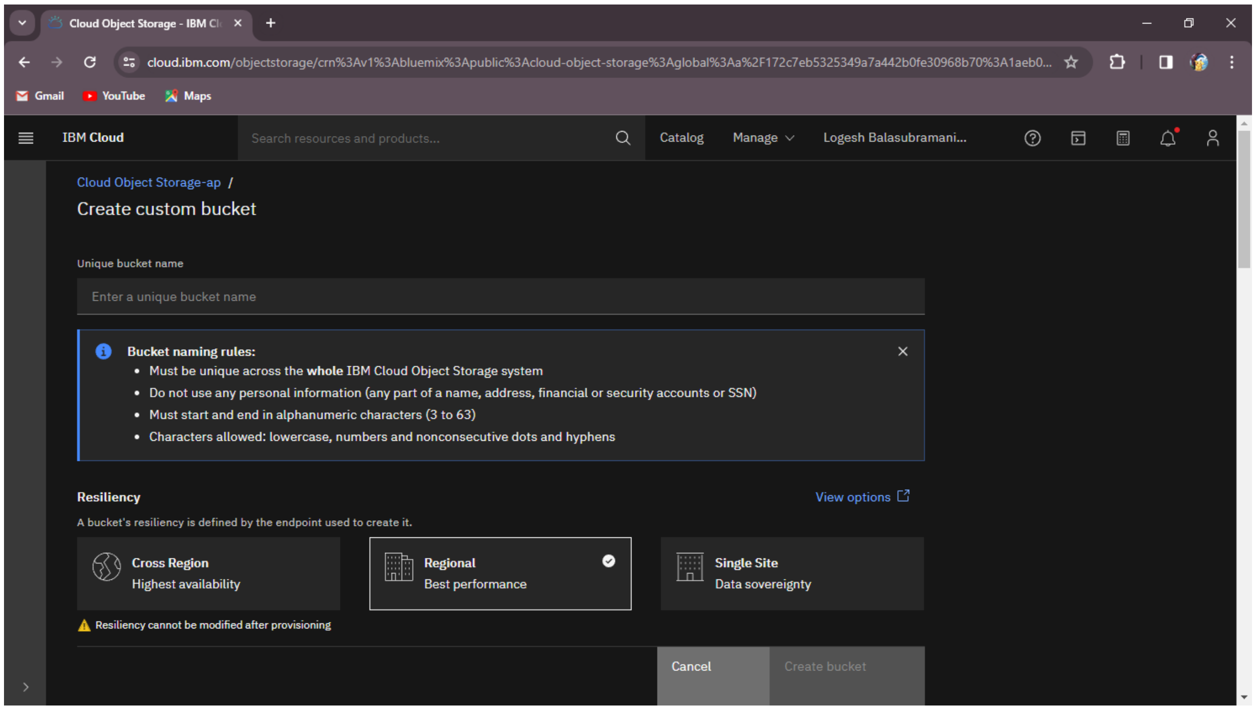
Template

Create a Smart Tier storage class bucket in a region close to you with static web hosting configuration and a service credential to connect your application.

Requirements:
1. Set index and error HTML pages
2. Configure public access

Create

Enter your project name in the bucket name.


Cloud Object Storage-ap /

Create custom bucket

Unique bucket name

Enter a unique bucket name

Bucket naming rules:
- Must be unique across the **whole** IBM Cloud Object Storage system
- Do not use any personal information (any part of a name, address, financial or security accounts or SSN)
- Must start and end in alphanumeric characters (3 to 63)
- Characters allowed: lowercase, numbers and nonconsecutive dots and hyphens

Resiliency

A bucket's resiliency is defined by the endpoint used to create it.

Cross Region Highest availability | [✓ Regional Best performance] | Single Site Data sovereignty

Resiliency cannot be modified after provisioning

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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A1aeb0...
Gmail
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Maps
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Search resources and products...
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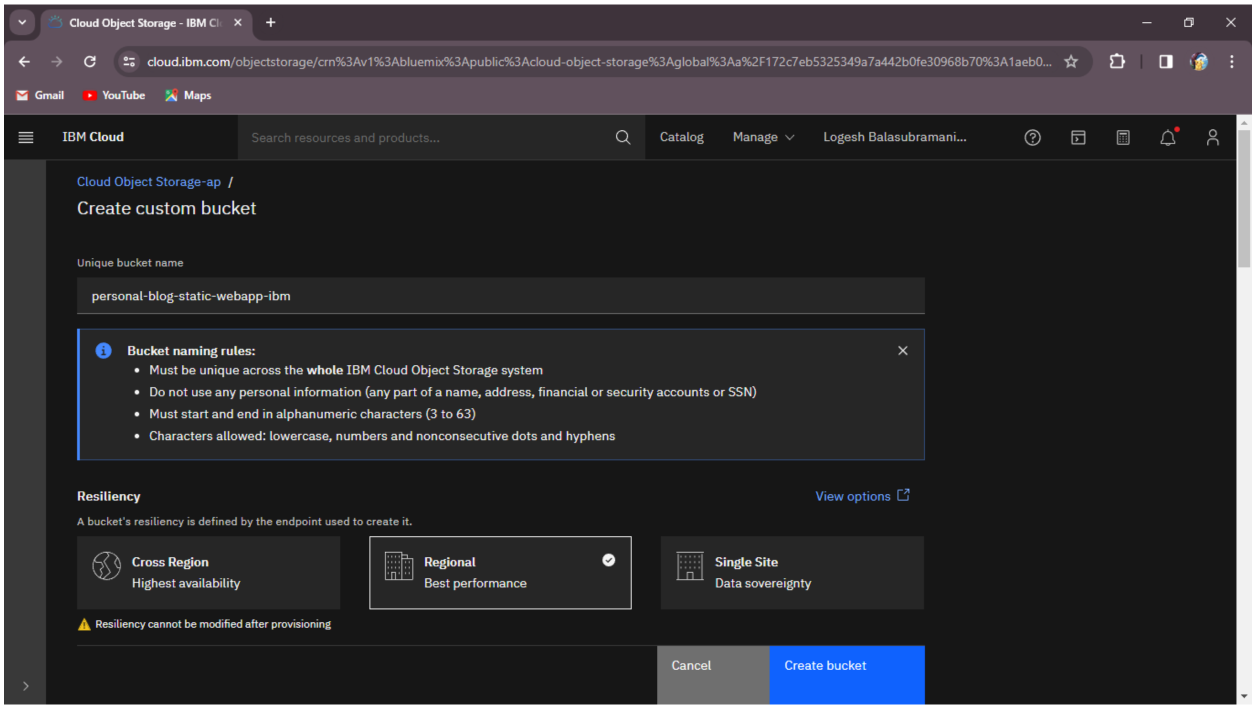
Logesh Balasubramani...
View options
Cancel
Create bucket

After ener the name press the create button on the right bttom.


Cloud Object Storage-ap /

Create custom bucket

Unique bucket name

personal-blog-static-webapp-ibm

Bucket naming rules:
- Must be unique across the **whole** IBM Cloud Object Storage system
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- Characters allowed: lowercase, numbers and nonconsecutive dots and hyphens

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Cloud Object Storage - IBM Cl
cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A1aeb0...
Gmail
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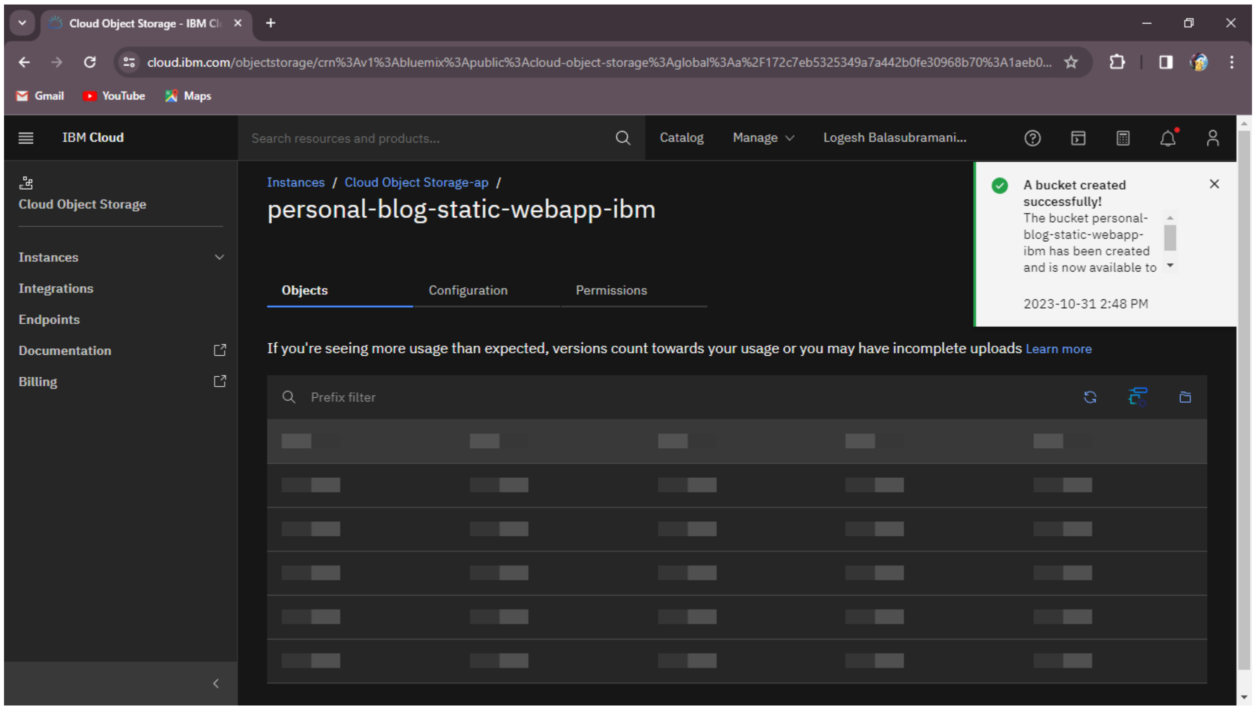
Manage
Logesh Balasubramani...
View options
Cancel
Create bucket

After creating bucket the page will look like this.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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A1aeb0...
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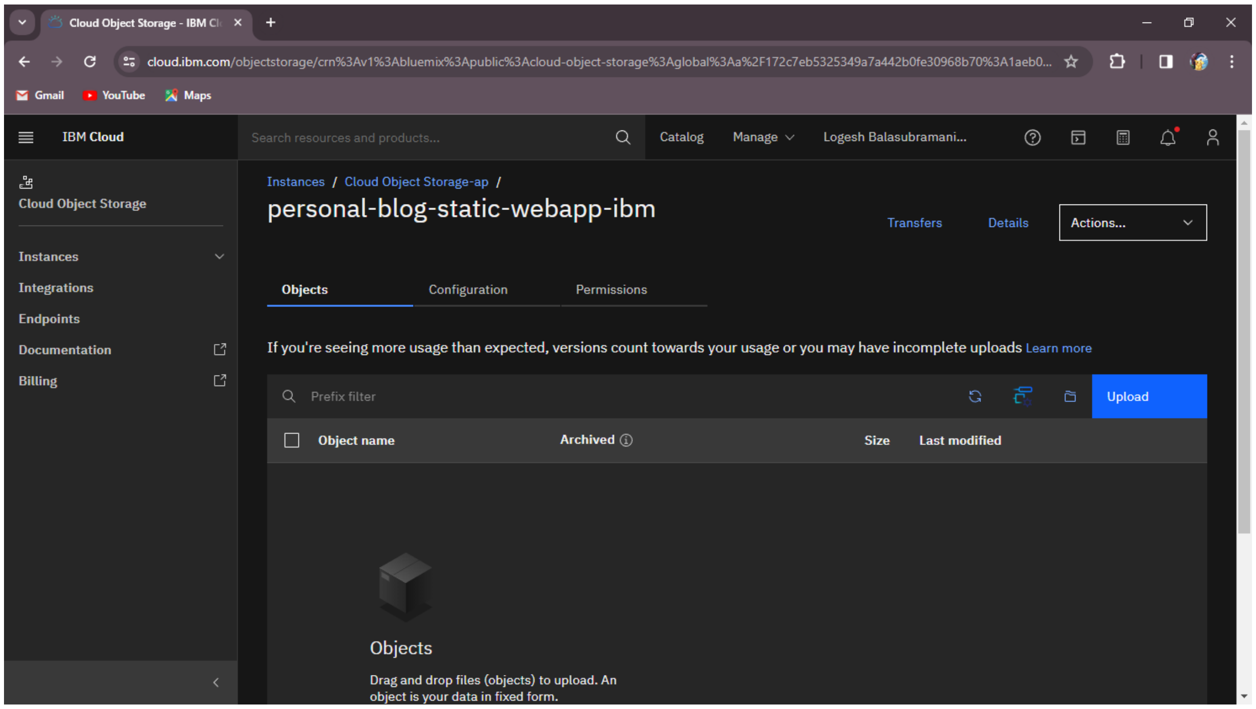
personal-blog-static-webapp-ibm
Objects
Configuration
Permissions
Prefix filter

A bucket created successfully!
The bucket personal-blog-static-webapp-ibm has been created and is now available to

2023-10-31 2:48 PM

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads Learn more

After all press the upload on the right side.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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A1aeb0...
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personal-blog-static-webapp-ibm
Transfers
Details
Actions...
Objects
Configuration
Permissions
Prefix filter
Upload
Object name
Archived
Size
Last modified
Objects

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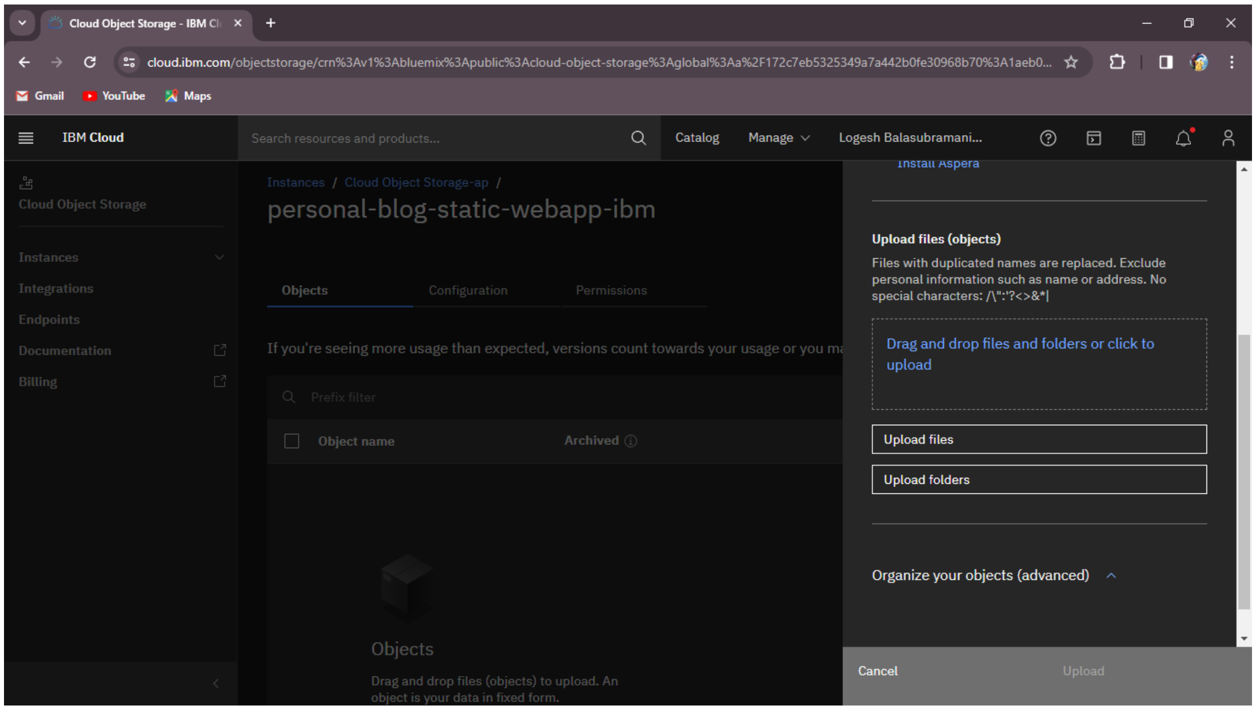
Drag and drop files (objects) to upload. An object is your data in fixed form.

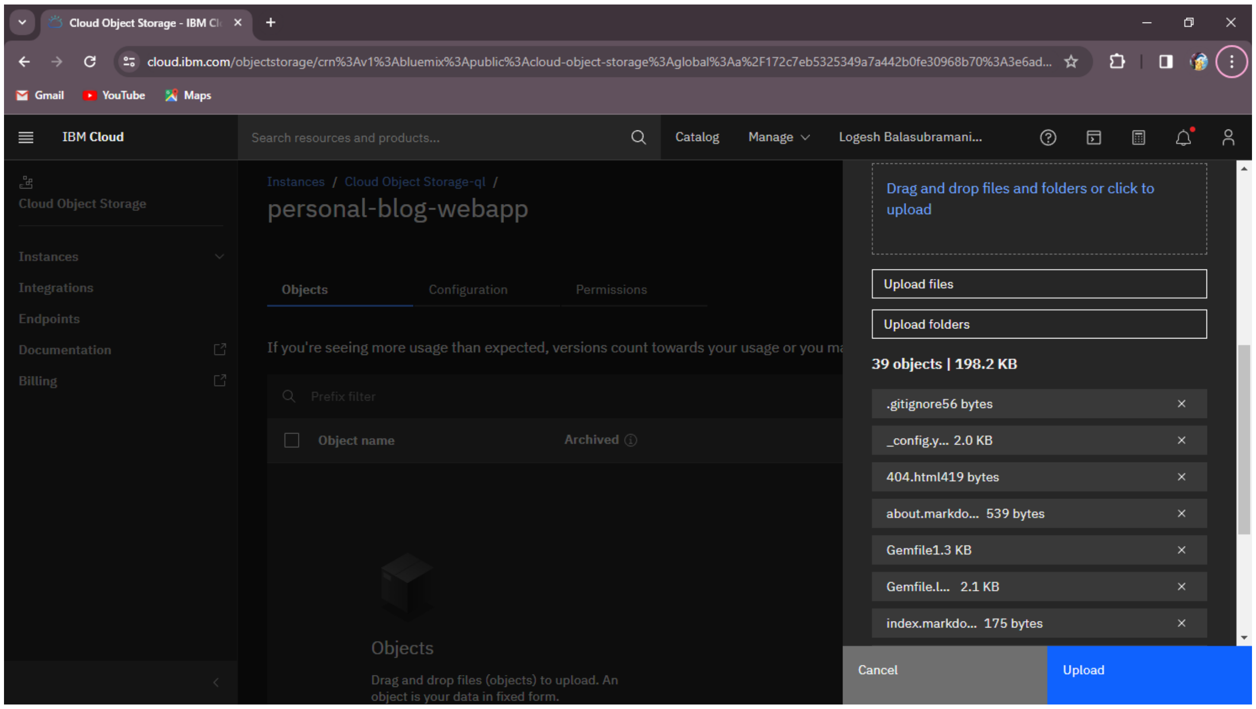
This tab will allow only files and allow folders has separate options.



Upload files (objects)

Files with duplicated names are replaced. Exclude personal information such as name or address. No special characters: /\":'?<>&*|

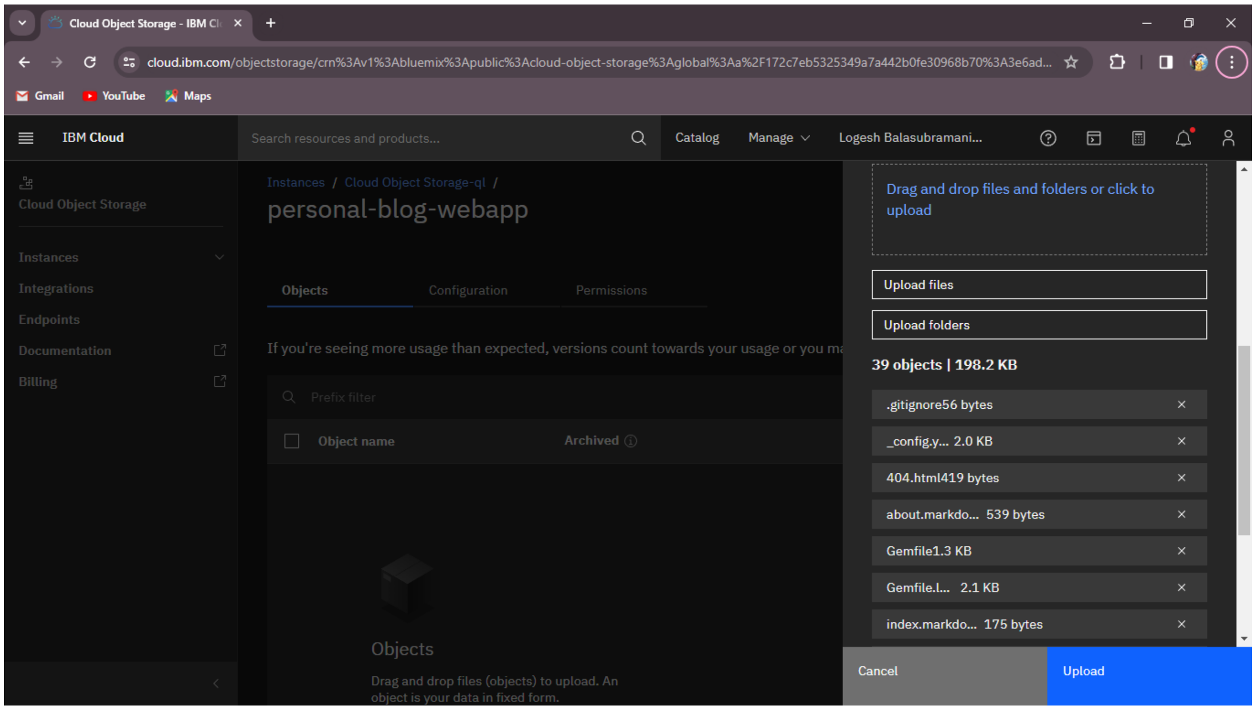
Select your project files from your local files.



39 objects | 198.2 KB

.gitignore56 bytes
_config.y... 2.0 KB
404.html419 bytes
about.markdo... 539 bytes
Gemfile1.3 KB
Gemfile.l... 2.1 KB
index.markdo... 175 bytes

After selecting your project files press upload on the right side bottom.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personal-blog-webapp
Objects
Configuration
Permissions
Prefix filter
Object name
Archived
Objects
Drag and drop files and folders or click to upload
Upload files
Upload folders
Cancel
Upload

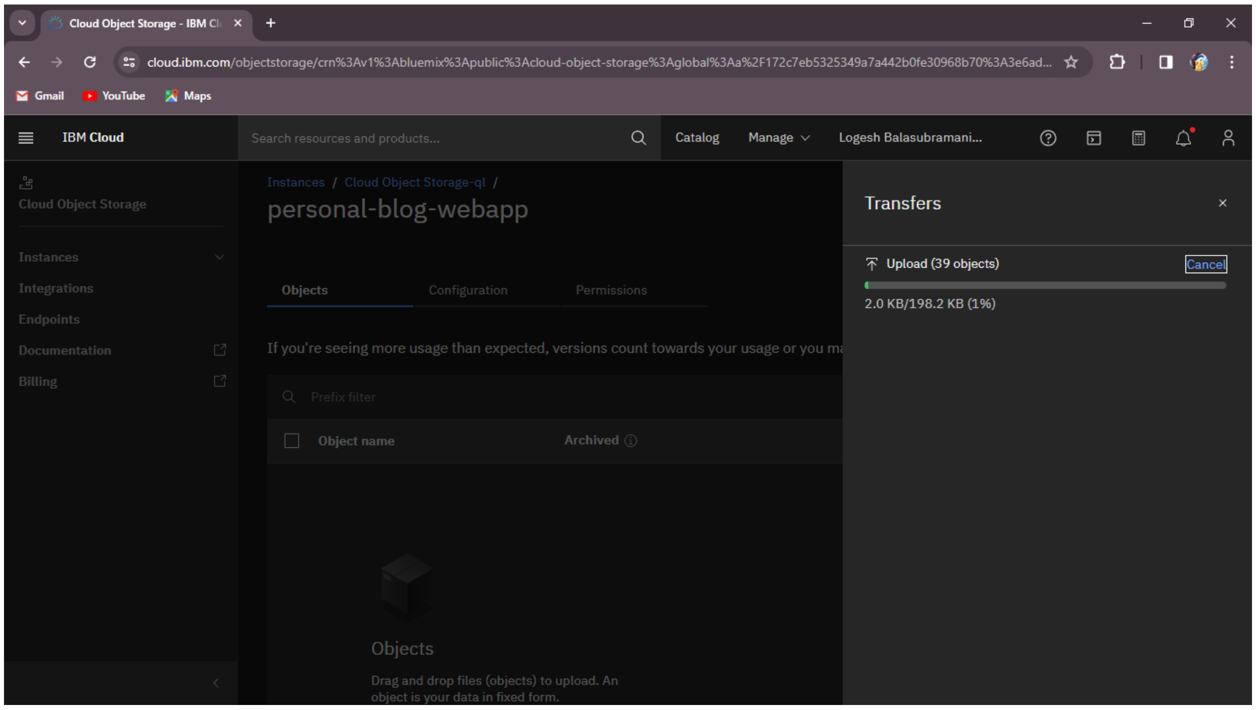
If you're seeing more usage than expected, versions count towards your usage or you m

Drag and drop files (objects) to upload. An object is your data in fixed form.

39 objects | 198.2 KB

.gitignore56 bytes
_config.y... 2.0 KB
404.html419 bytes
about.markdo... 539 bytes
Gemfile1.3 KB
Gemfile.l... 2.1 KB
index.markdo... 175 bytes

After pressing upload the files are uploading into your ibm cloud.



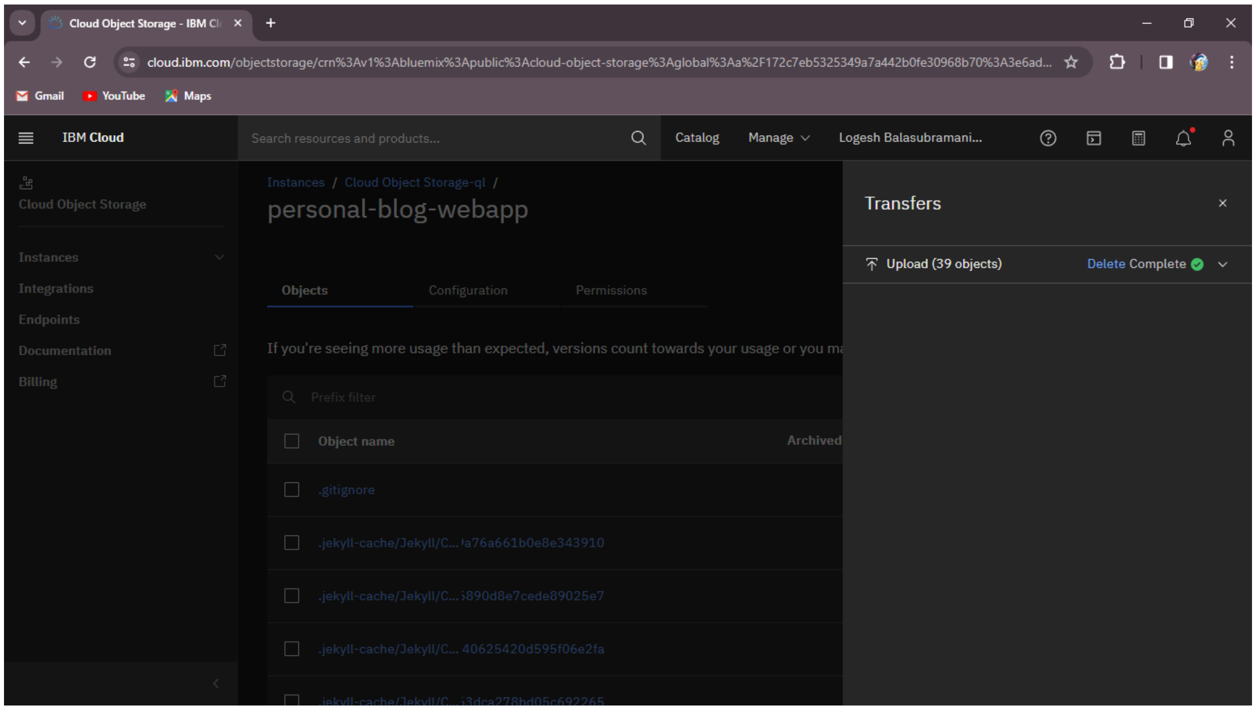
If you're seeing more usage than expected, versions count towards your usage or you m

Drag and drop files (objects) to upload. An object is your data in fixed form.

Upload (39 objects)

2.0 KB/198.2 KB (1%)

All files are uploaded now close the transfers tab.



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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A3e6ad...
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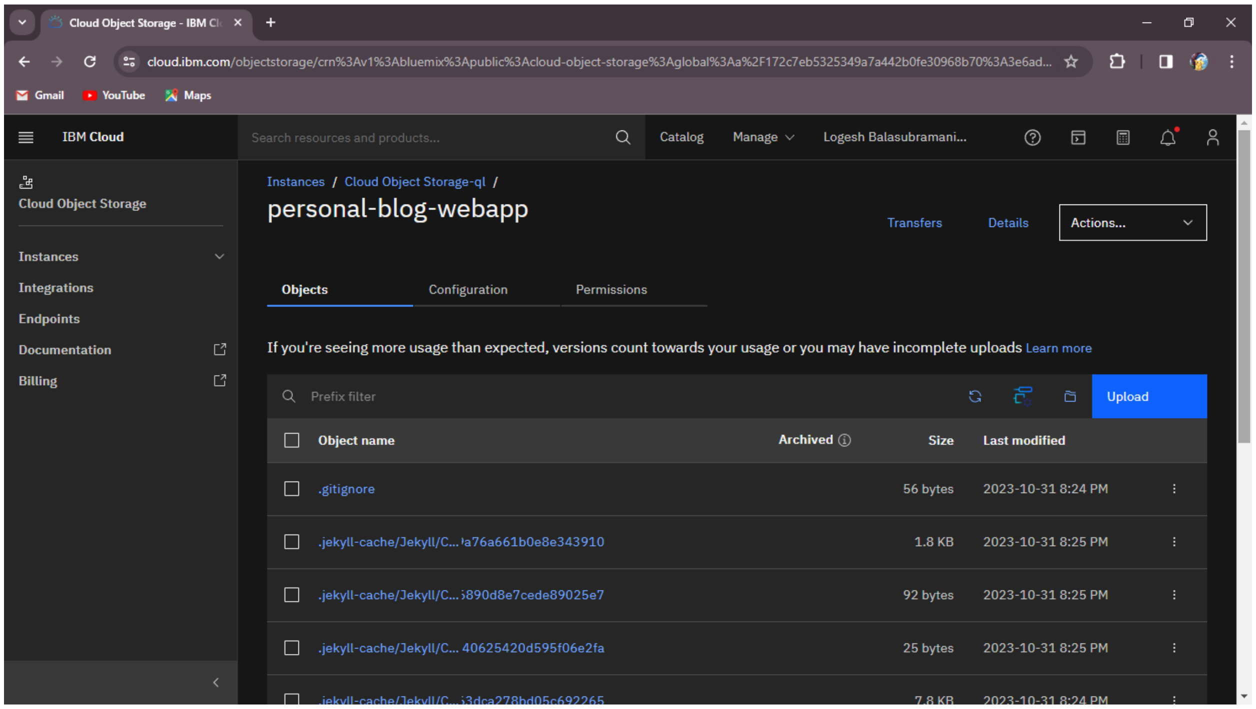
personal-blog-webapp

Transfers

Upload (39 objects) Delete Complete

Object name	Archived
.gitignore	
.jekyll-cache/Jekyll/C... a76a661b0e8e343910	
.jekyll-cache/Jekyll/C... 5890d8e7cede89025e7	
.jekyll-cache/Jekyll/C... 40625420d595f06e2fa	

You can see your all files are uploader here.



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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A3e6ad...
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Permissions
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Upload

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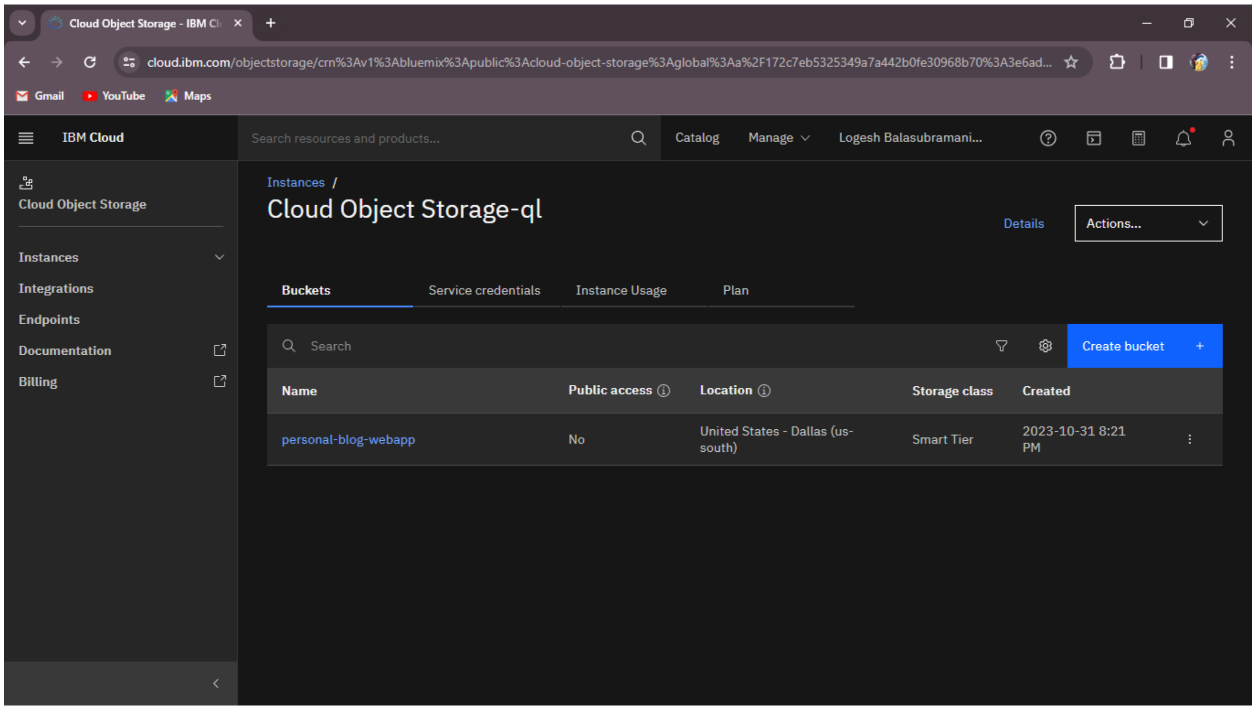
If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads Learn more

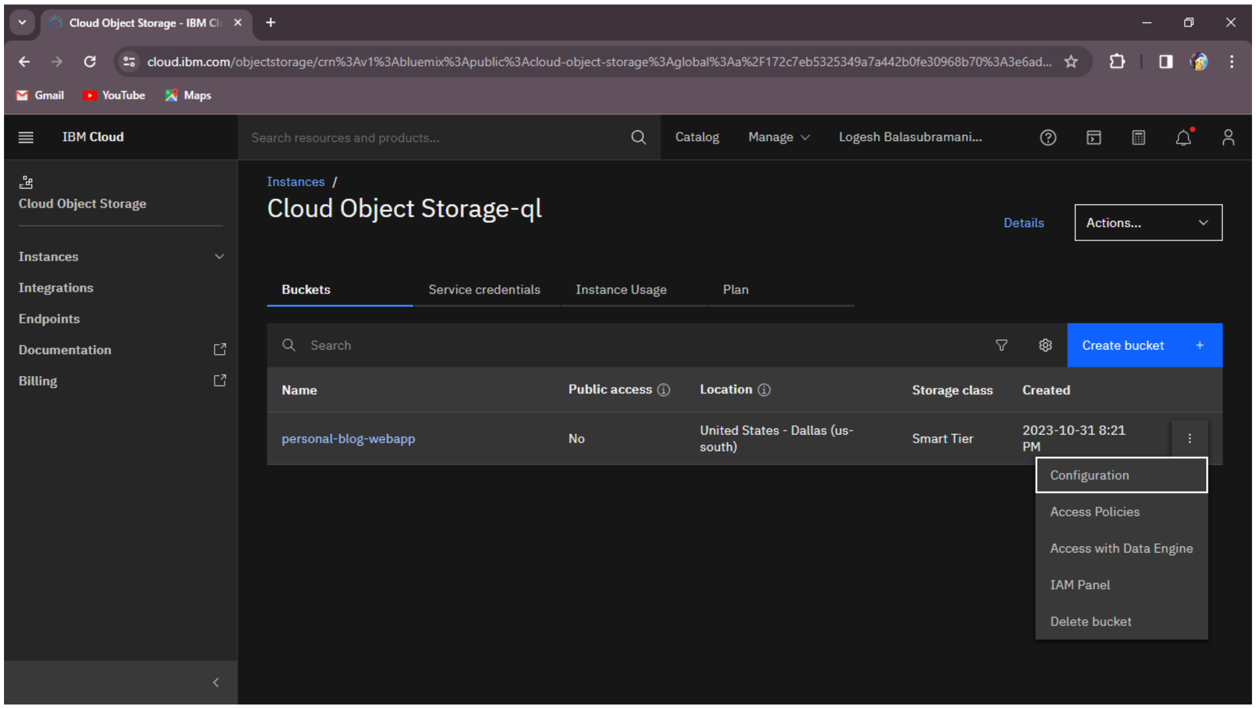
Object name	Archived	Size	Last modified
.gitignore		56 bytes	2023-10-31 8:24 PM
.jekyll-cache/Jekyll/C... a76a661b0e8e343910		1.8 KB	2023-10-31 8:25 PM
.jekyll-cache/Jekyll/C... 5890d8e7cede89025e7		92 bytes	2023-10-31 8:25 PM
.jekyll-cache/Jekyll/C... 40625420d595f06e2fa		25 bytes	2023-10-31 8:25 PM

Then go to the main object page.



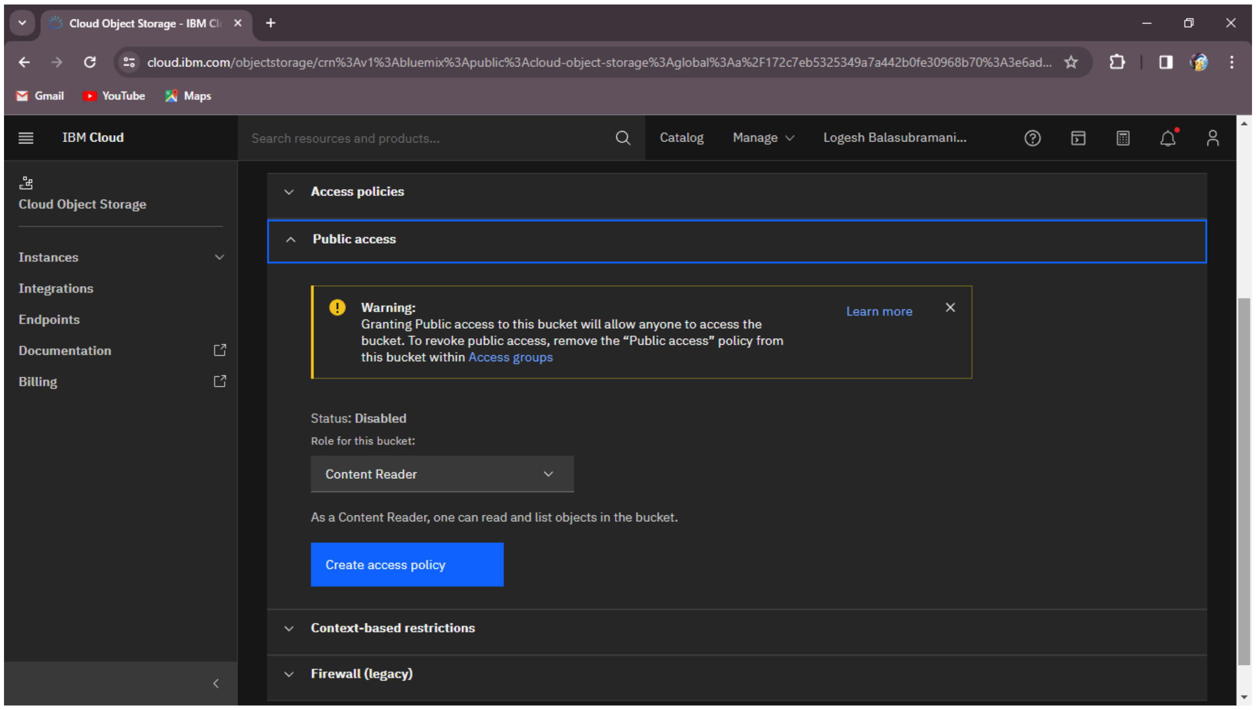
Name	Public access	Location	Storage class	Created
personal-blog-webapp	No	United States - Dallas (us-south)	Smart Tier	2023-10-31 8:21 PM

Press the three dot button on the bucket end and choose access policies.



Name	Public access	Location	Storage class	Created
personal-blog-webapp	No	United States - Dallas (us-south)	Smart Tier	2023-10-31 8:21 PM

Now press access policy.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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A3e6ad...
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Access policies
Public access

Warning:
Granting Public access to this bucket will allow anyone to access the bucket. To revoke public access, remove the "Public access" policy from this bucket within Access groups

Learn more

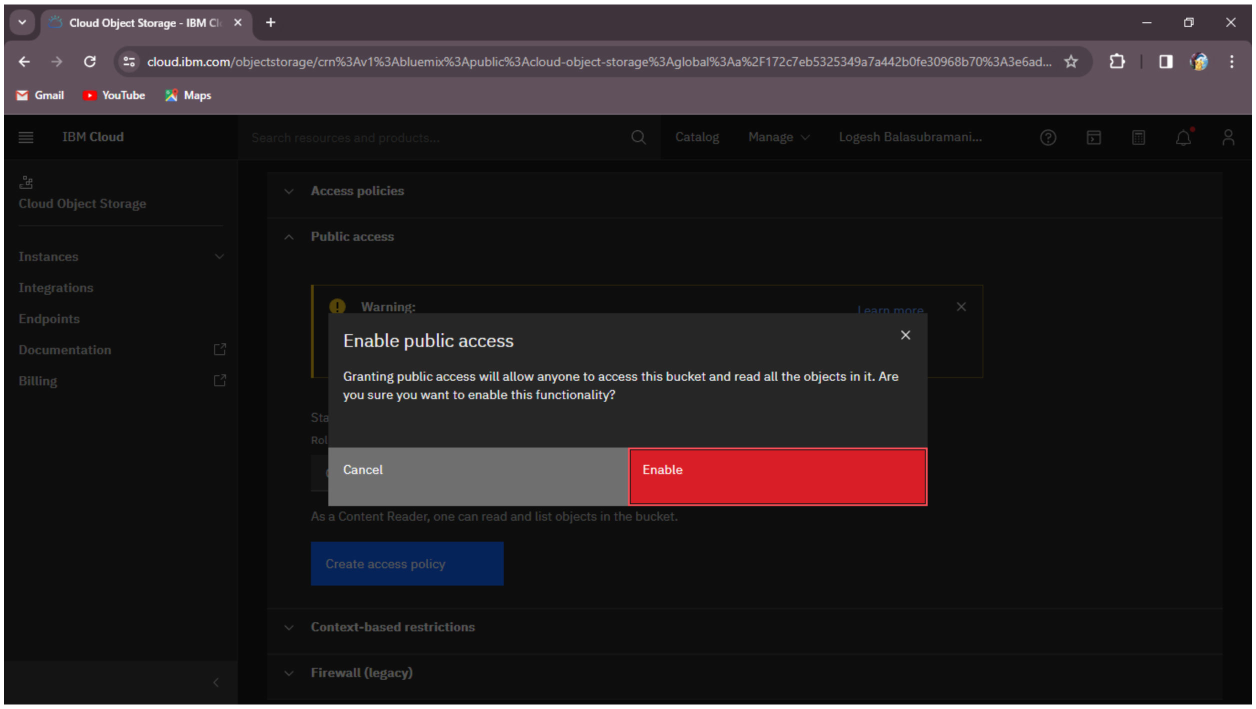
Status: Disabled

Role for this bucket: Content Reader

As a Content Reader, one can read and list objects in the bucket.

Create access policy
Context-based restrictions
Firewall (legacy)

After clicking rhe create access policy this popup tab will show.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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A3e6ad...
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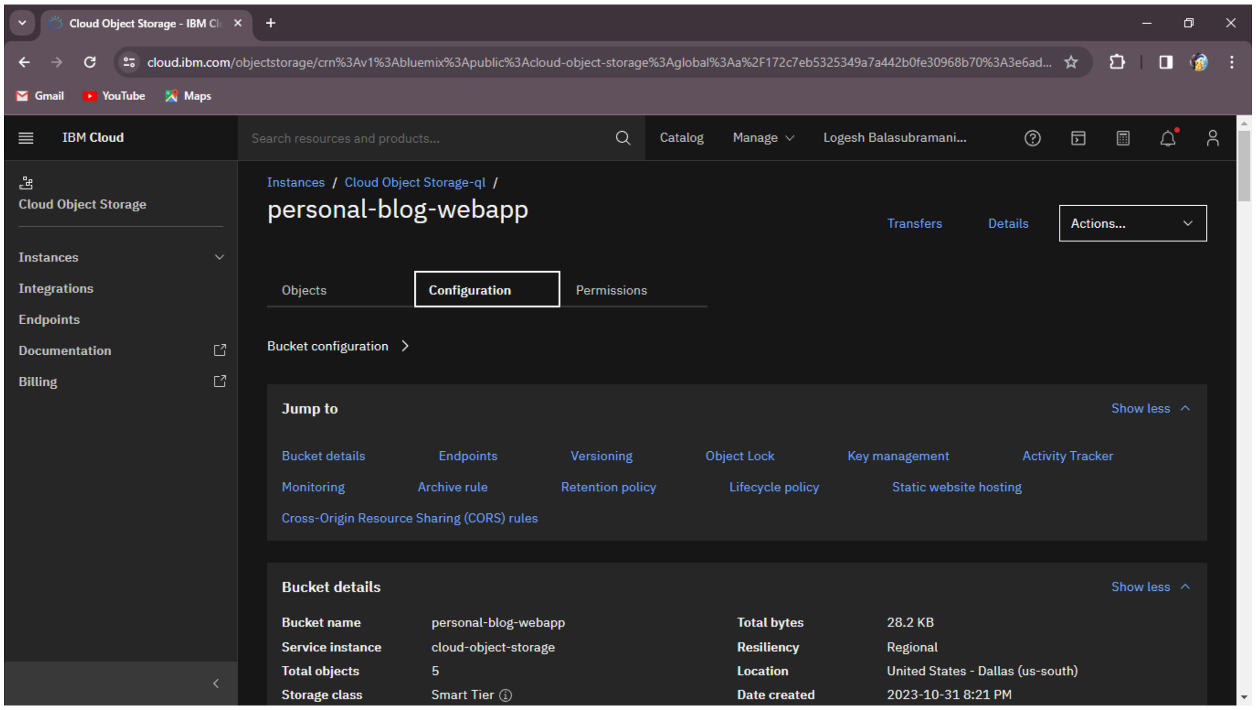
Access policies
Public access
Warning:
Learn more

Enable public access

Granting public access will allow anyone to access this bucket and read all the objects in it. Are you sure you want to enable this functionality?

Cancel
Enable
As a Content Reader, one can read and list objects in the bucket.
Create access policy
Context-based restrictions
Firewall (legacy)

And goto the configuration page.



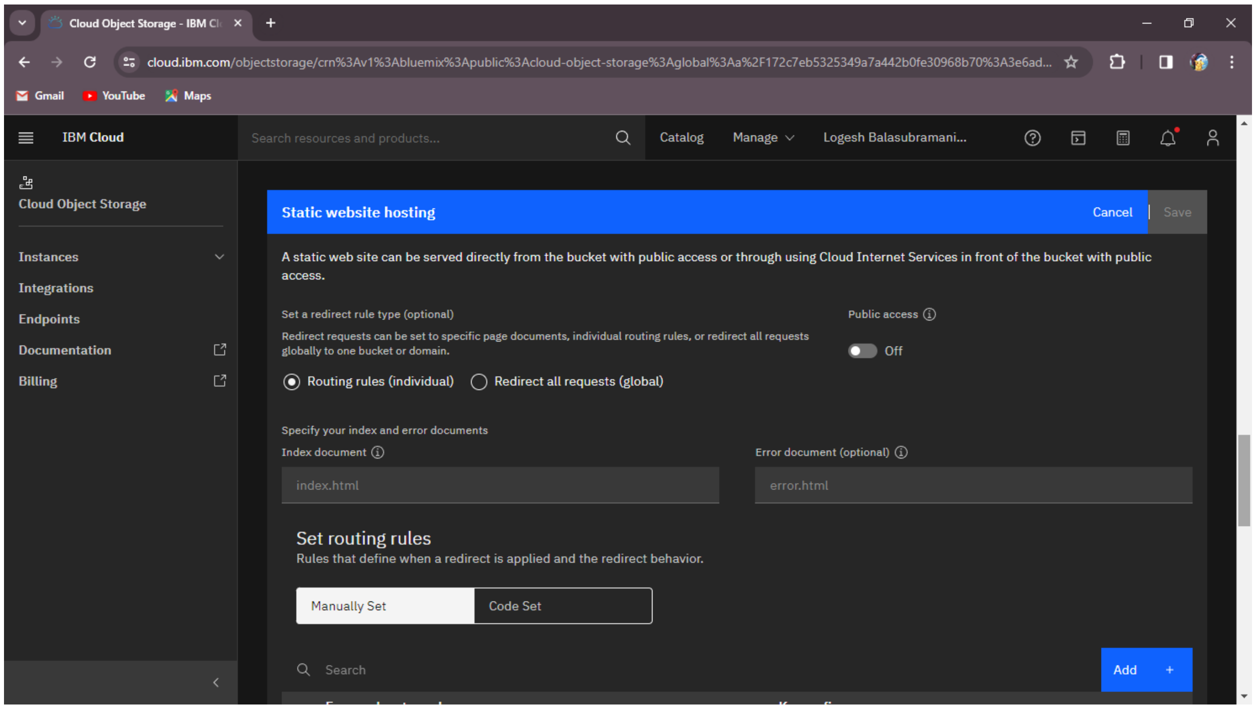
personal-blog-webapp

Jump to

Bucket details

Bucket name	personal-blog-webapp	Total bytes	28.2 KB
Service instance	cloud-object-storage	Resiliency	Regional
Total objects	5	Location	United States - Dallas (us-south)
Storage class	Smart Tier	Date created	2023-10-31 8:21 PM

Scroll down until see the static website hosting.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cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A3e6ad...
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Billing
Cancel
Save
Manually Set
Code Set
Search
Add +

Static website hosting

A static web site can be served directly from the bucket with public access or through using Cloud Internet Services in front of the bucket with public access.

Set a redirect rule type (optional)

Redirect requests can be set to specific page documents, individual routing rules, or redirect all requests globally to one bucket or domain.

[✓ Routing rules (individual)] Redirect all requests (global)

Public access: Off

Specify your index and error documents

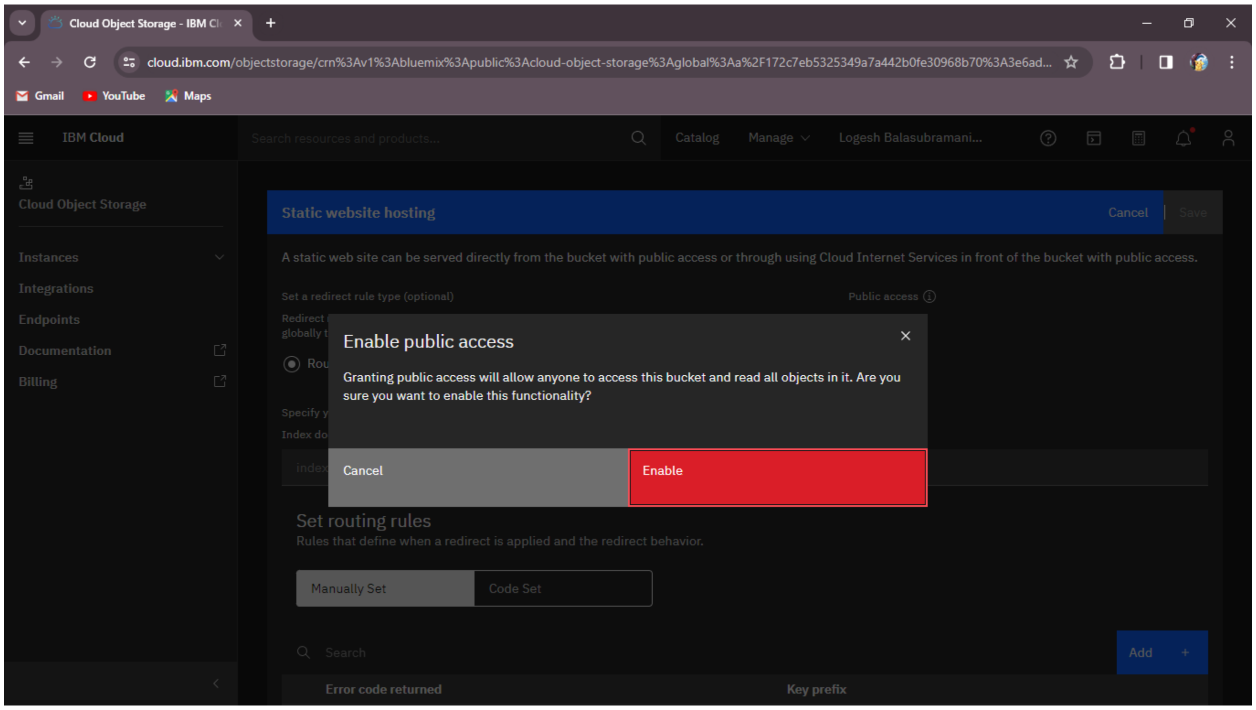
Index document: index.html

Error document (optional): error.html

Set routing rules

Rules that define when a redirect is applied and the redirect behavior.

Enable the public access on this configuration tab and this popup tab will appear and save it.



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Cloud Object Storage - IBM Cl
cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A3e6ad...
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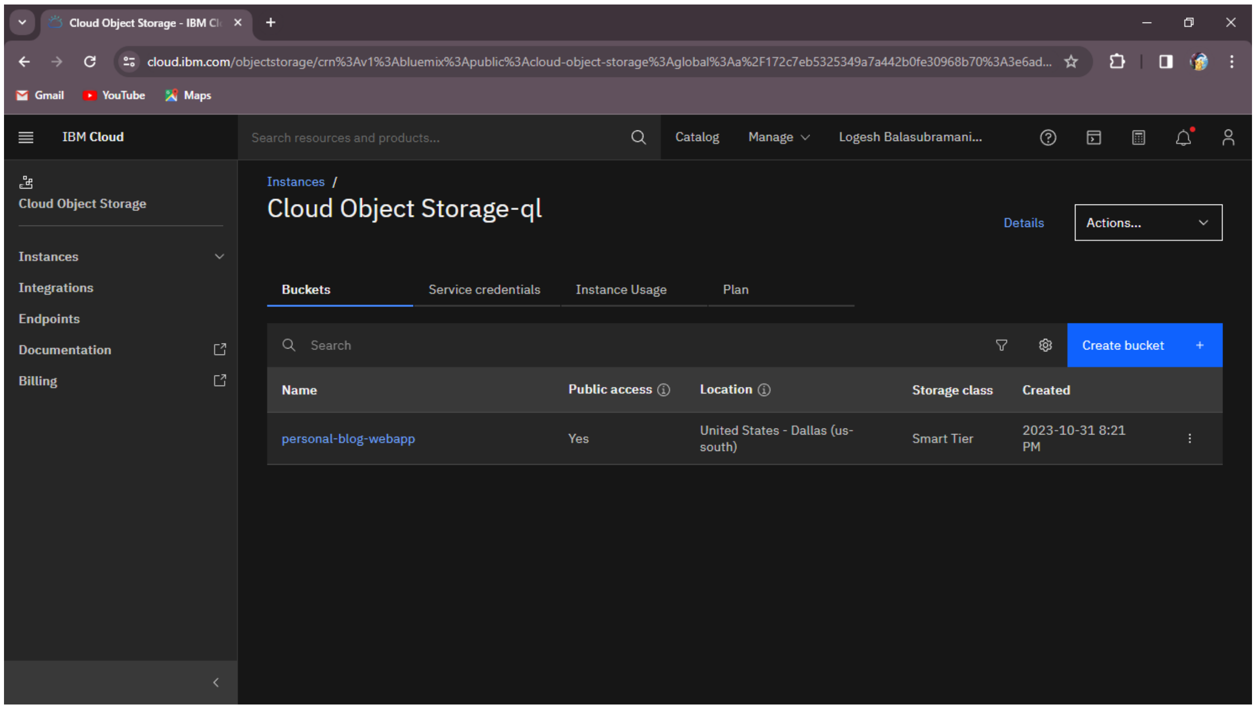
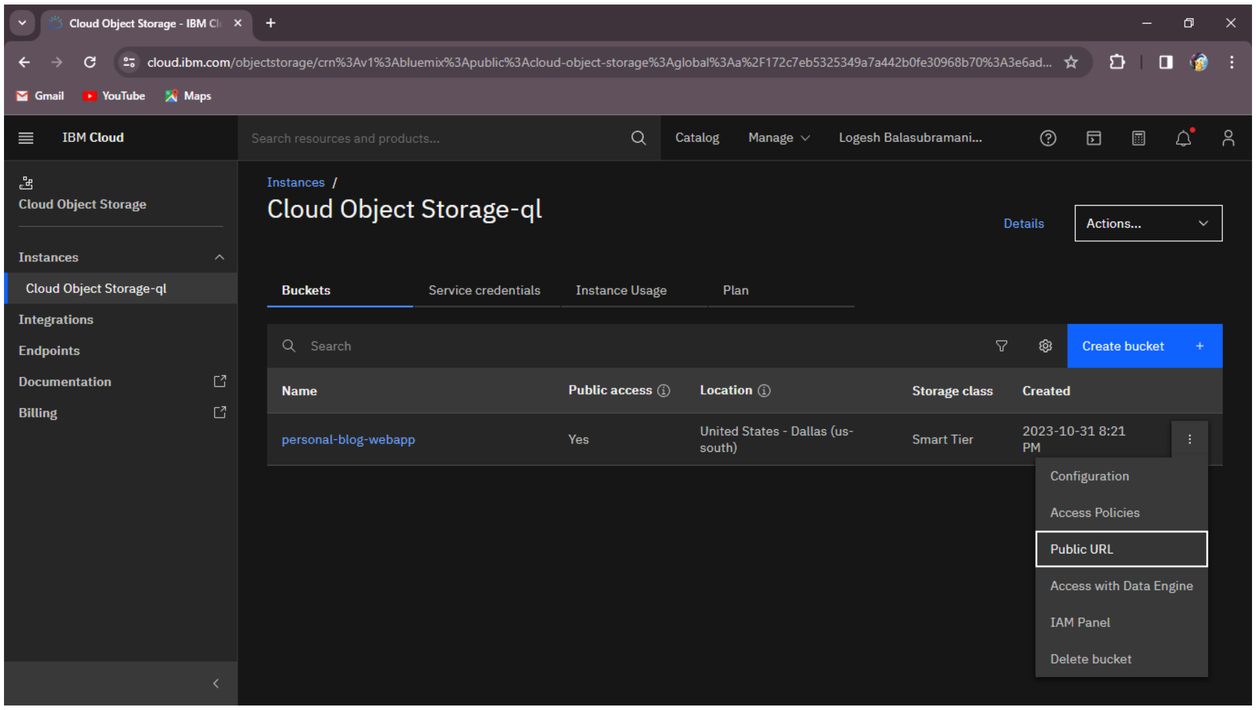
Documentation
Billing
Cancel
Save
Set a redirect rule type (optional)
Public access
Cancel
Enable
Set routing rules
Rules that define when a redirect is applied and the redirect behavior.
Manually Set
Code Set
Search
Add
Error code returned
Key prefix

And come to main page.



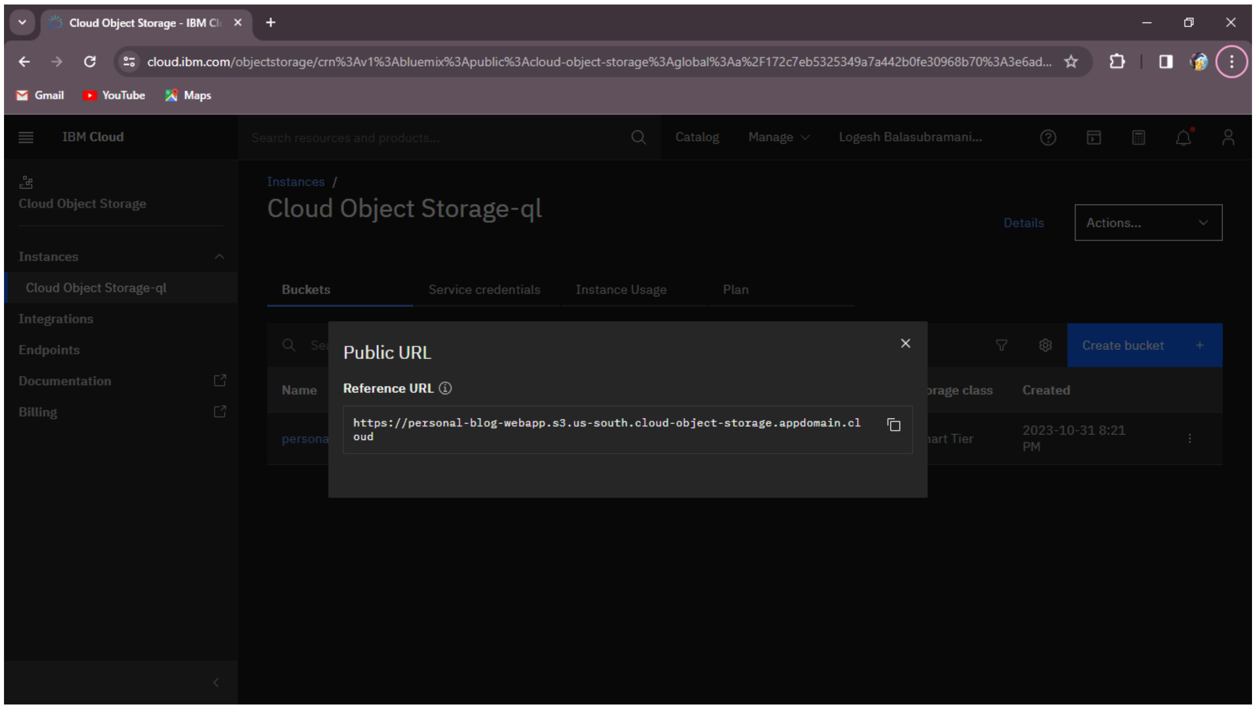
Name	Public access	Location	Storage class	Created
personal-blog-webapp	Yes	United States - Dallas (us-south)	Smart Tier	2023-10-31 8:21 PM

Press the three dot icon on the end of bucket and choose public URL.



Name	Public access	Location	Storage class	Created
personal-blog-webapp	Yes	United States - Dallas (us-south)	Smart Tier	2023-10-31 8:21 PM

Copy the URL and paste it on your browser search bar.


Cloud Object Storage - IBM Cl
cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F172c7eb5325349a7a442b0fe30968b70%3A3e6ad...
Public URL
Reference URL

```
https://personal-blog-webapp.s3.us-south.cloud-object-storage.appdomain.cl
oud
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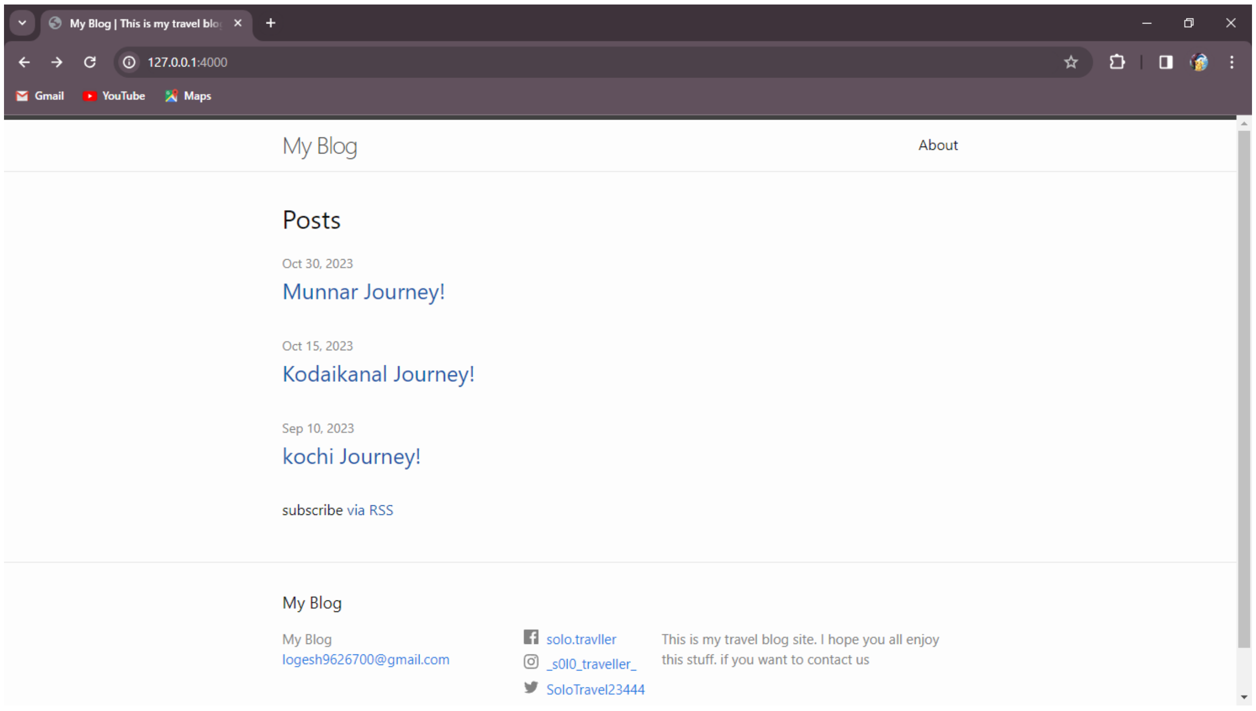
Here is the final output of our project.



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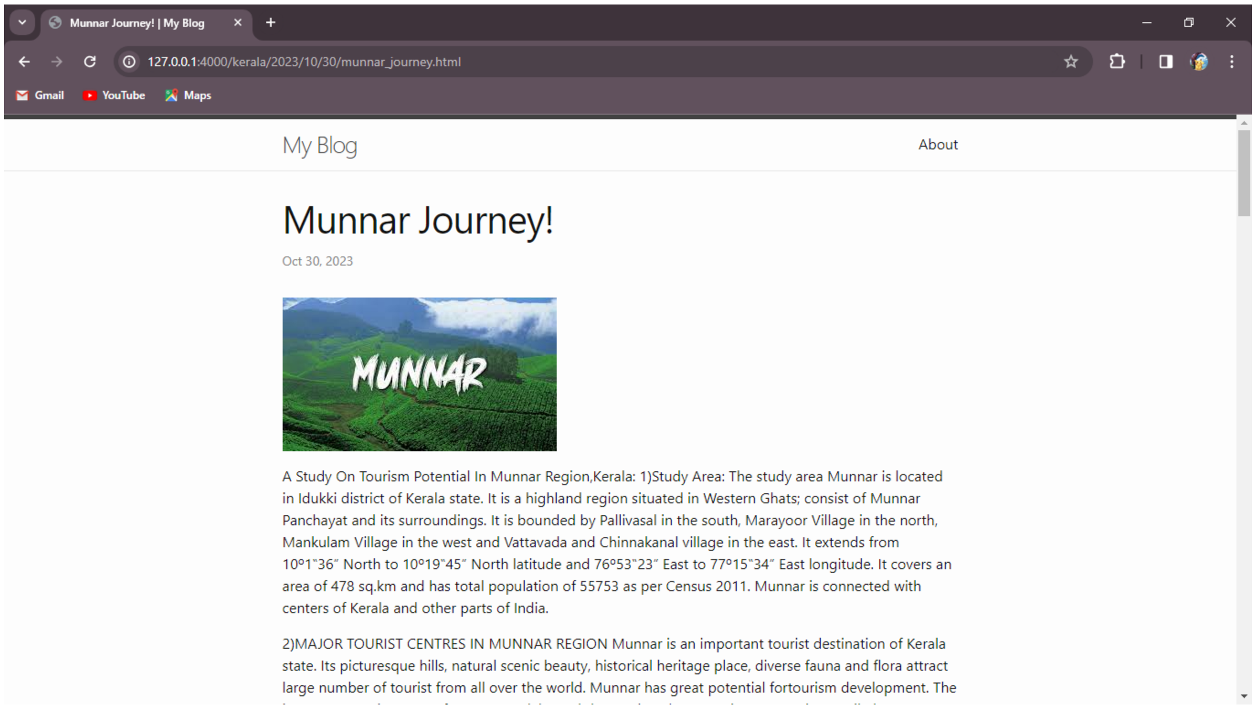

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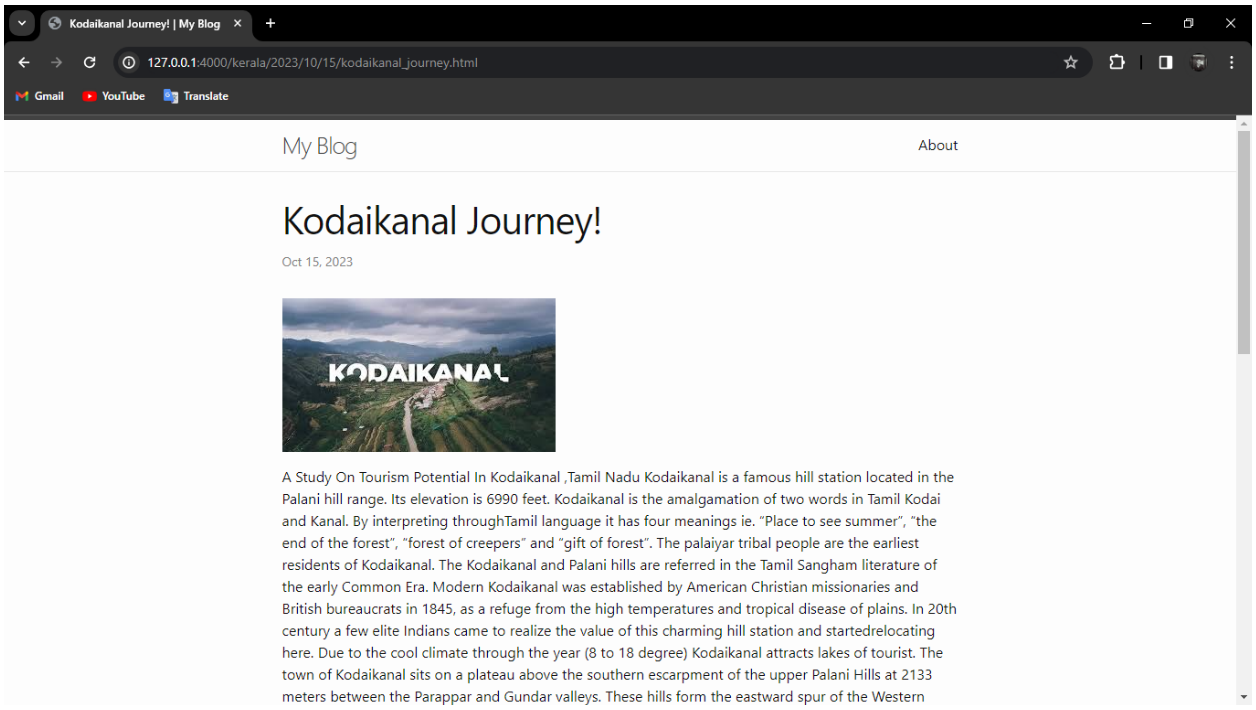
Munnar Journey!

Oct 30, 2023

A Study On Tourism Potential In Munnar Region,Kerala: 1)Study Area: The study area Munnar is located in Idukki district of Kerala state. It is a highland region situated in Western Ghats; consist of Munnar Panchayat and its surroundings. It is bounded by Pallivasal in the south, Marayoor Village in the north, Mankulam Village in the west and Vattavada and Chinnakanal village in the east. It extends from 10º1"36″ North to 10º19"45″ North latitude and 76º53"23″ East to 77º15"34″ East longitude. It covers an area of 478 sq.km and has total population of 55753 as per Census 2011. Munnar is connected with centers of Kerala and other parts of India.

2)MAJOR TOURIST CENTRES IN MUNNAR REGION Munnar is an important tourist destination of Kerala state. Its picturesque hills, natural scenic beauty, historical heritage place, diverse fauna and flora attract large number of tourist from all over the world. Munnar has great potential fortourism development. The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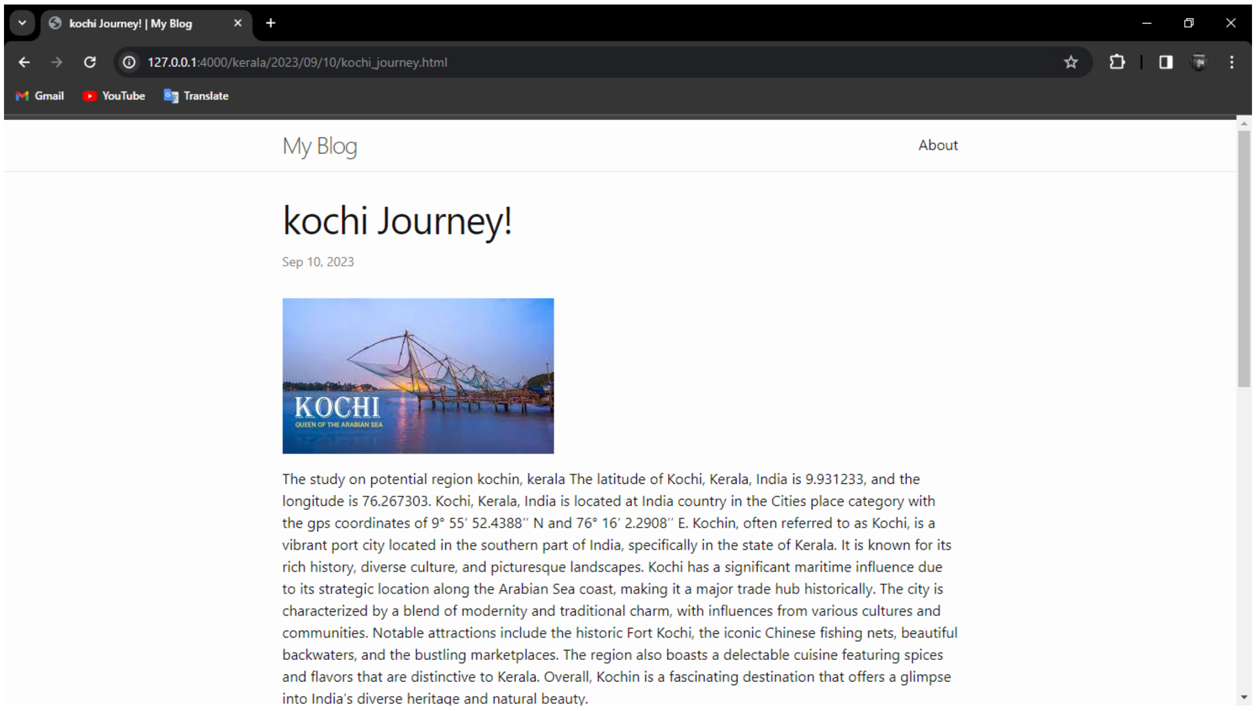
Oct 15, 2023

A Study On Tourism Potential In Kodaikanal ,Tamil Nadu Kodaikanal is a famous hill station located in the Palani hill range. Its elevation is 6990 feet. Kodaikanal is the amalgamation of two words in Tamil Kodai and Kanal. By interpreting throughTamil language it has four meanings ie. "Place to see summer", "the end of the forest", "forest of creepers" and "gift of forest". The palaiyar tribal people are the earliest residents of Kodaikanal. The Kodaikanal and Palani hills are referred in the Tamil Sangham literature of the early Common Era. Modern Kodaikanal was established by American Christian missionaries and British bureaucrats in 1845, as a refuge from the high temperatures and tropical disease of plains. In 20th century a few elite Indians came to realize the value of this charming hill station and startedrelocating here. Due to the cool climate through the year (8 to 18 degree) Kodaikanal attracts lakes of tourist. The town of Kodaikanal sits on a plateau above the southern escarpment of the upper Palani Hills at 2133 meters between the Parappar and Gundar valleys. These hills form the eastward spur of the Western



kochi Journey!

Sep 10, 2023

The study on potential region kochin, kerala The latitude of Kochi, Kerala, India is 9.931233, and the longitude is 76.267303. Kochi, Kerala, India is located at India country in the Cities place category with the gps coordinates of 9° 55′ 52.4388″ N and 76° 16′ 2.2908″ E. Kochin, often referred to as Kochi, is a vibrant port city located in the southern part of India, specifically in the state of Kerala. It is known for its rich history, diverse culture, and picturesque landscapes. Kochi has a significant maritime influence due to its strategic location along the Arabian Sea coast, making it a major trade hub historically. The city is characterized by a blend of modernity and traditional charm, with influences from various cultures and communities. Notable attractions include the historic Fort Kochi, the iconic Chinese fishing nets, beautiful backwaters, and the bustling marketplaces. The region also boasts a delectable cuisine featuring spices and flavors that are distinctive to Kerala. Overall, Kochin is a fascinating destination that offers a glimpse into India's diverse heritage and natural beauty.