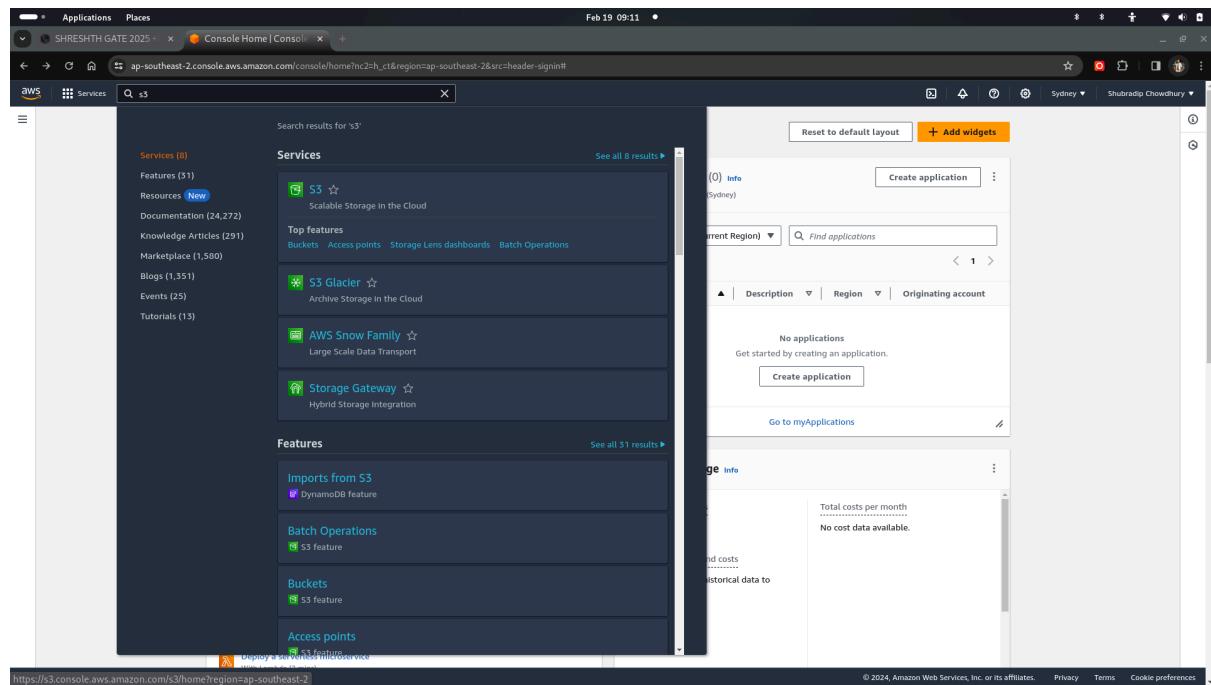


Assignment No. 4:

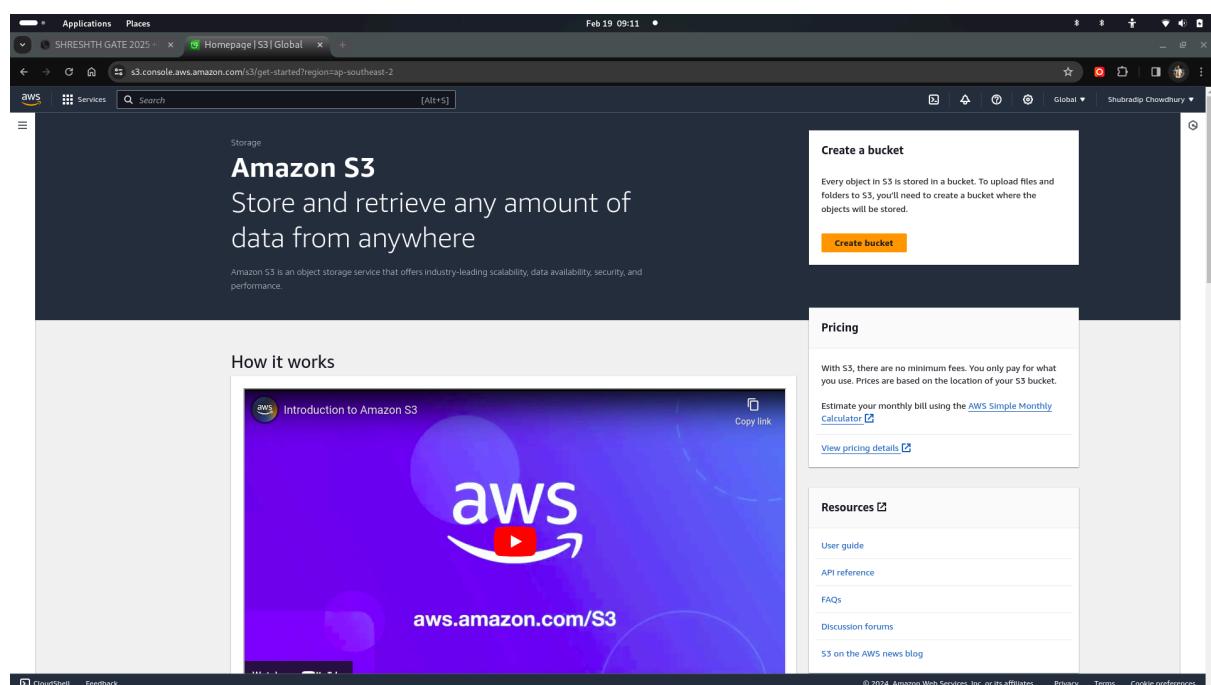
Problem Statement: Create a private bucket in AWS. Upload a file and check by reassigned URL whether you can access the file or not

The steps are as follows: -

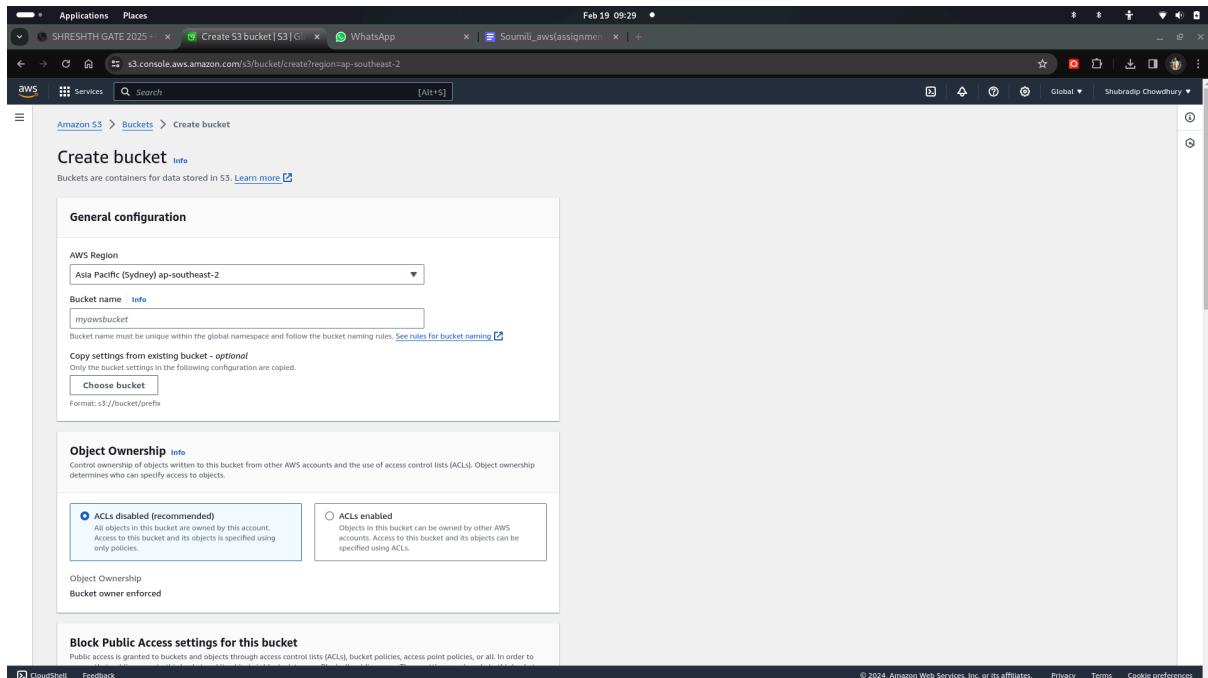
1. Access the AWS console, search for S3, and select the top option from the search results.



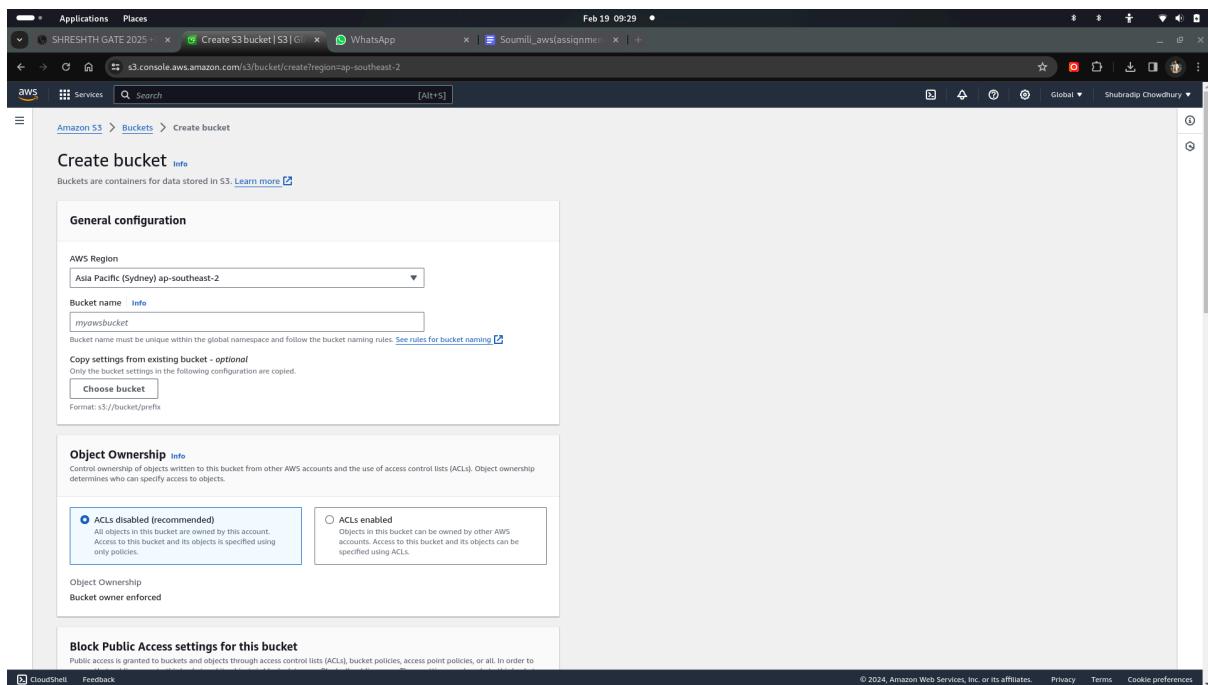
2. Click on 'Create bucket'.



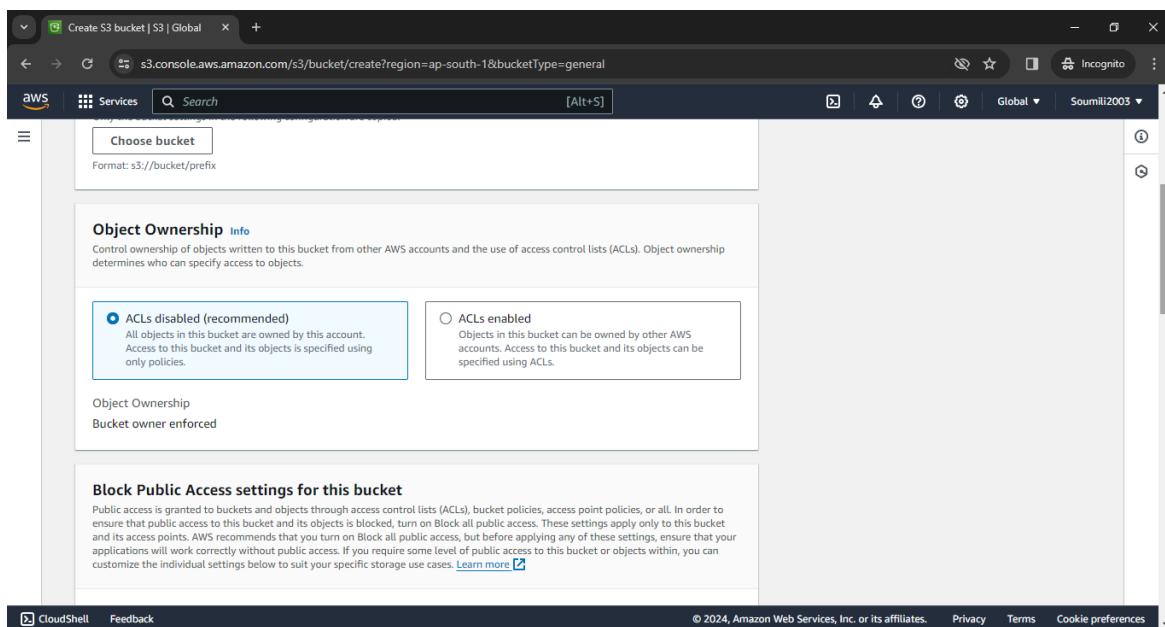
3. The subsequent window appears.



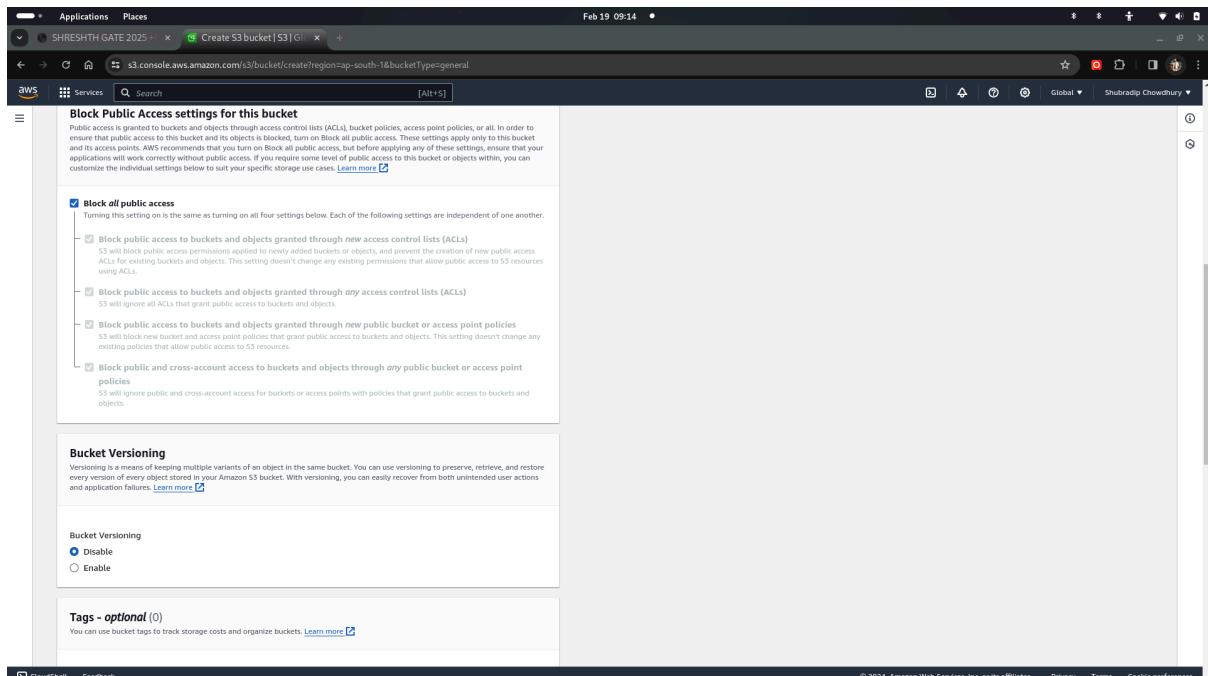
4. From the drop-down menu, select 'Asia Pacific (Mumbai) ap-south-1' as the AWS Region. Next, specify a bucket name, such as 'shubradipbucket'.



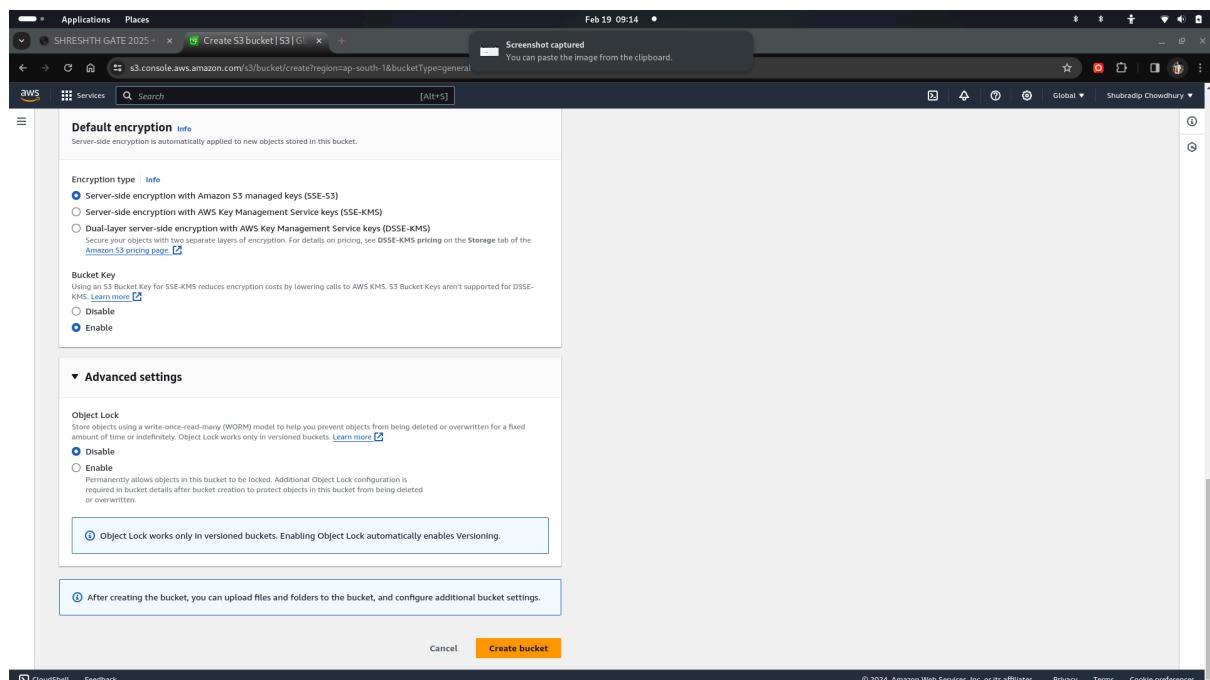
5. By default, the Object Ownership is set to 'ACLs disabled' in this window. We will not make any adjustments as we are creating a private bucket.



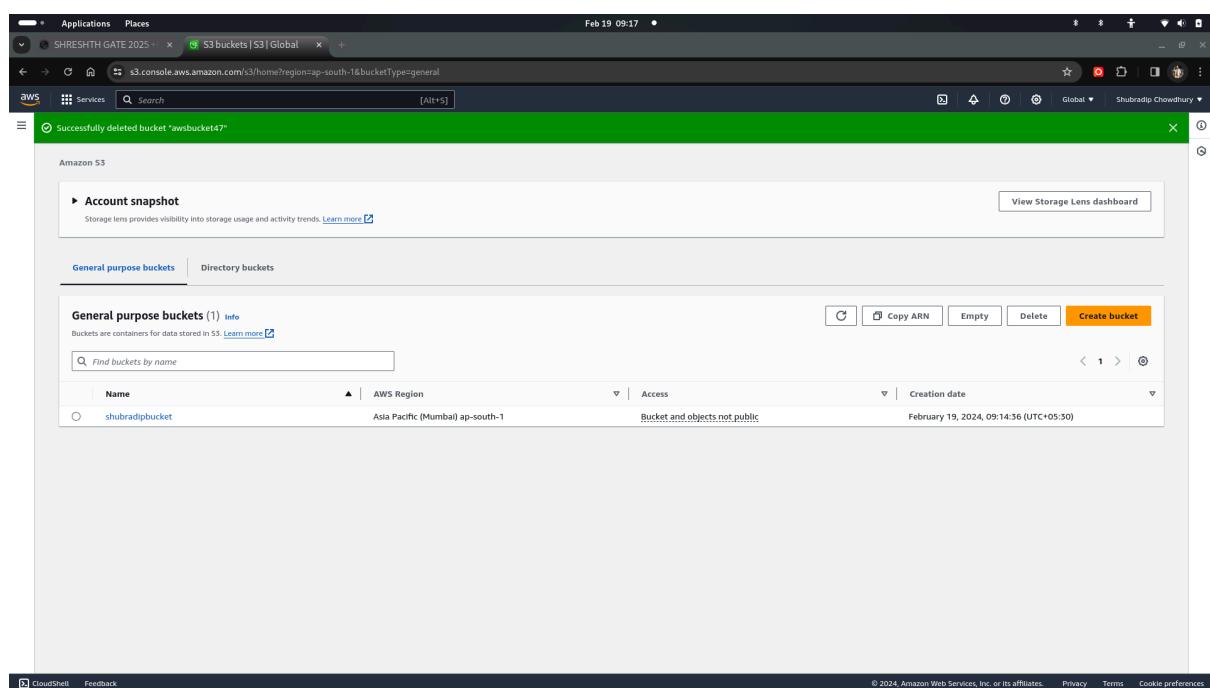
6. Similarly, we will leave the settings unchanged as the ‘Block all public access’ checkbox is already selected by default, aligning with our intention to create a private bucket.



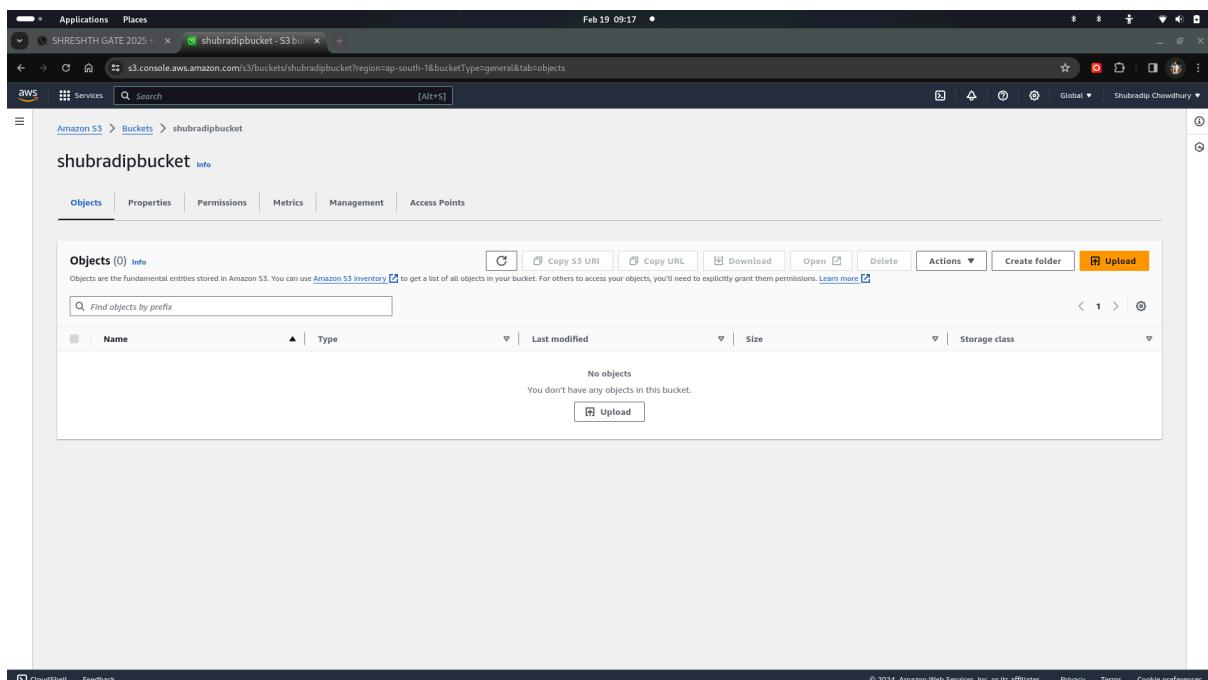
7. Now, without making any additional modifications, scroll down and proceed to click on ‘Create Bucket’.



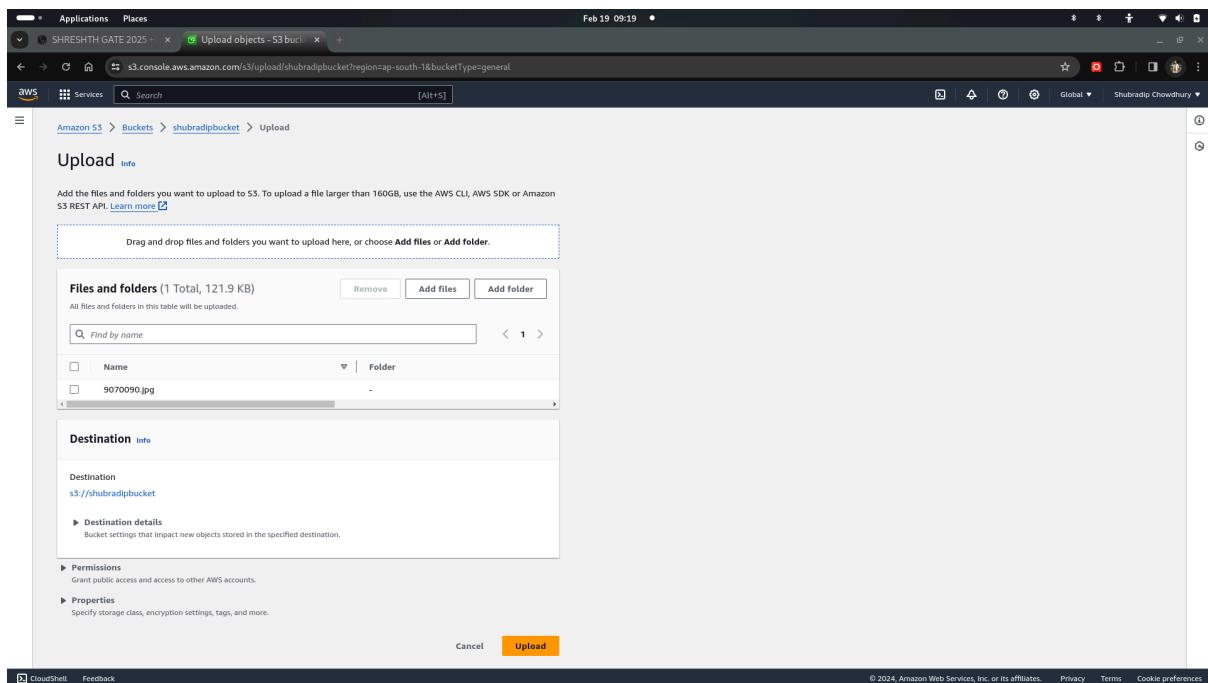
8. It's evident that the bucket has been successfully created.



9. Now click on the bucket name.



10. Choose the 'Upload' option, which will lead to the opening of the subsequent window. From there, click on 'Add files' and proceed to upload your desired file into the selected bucket.



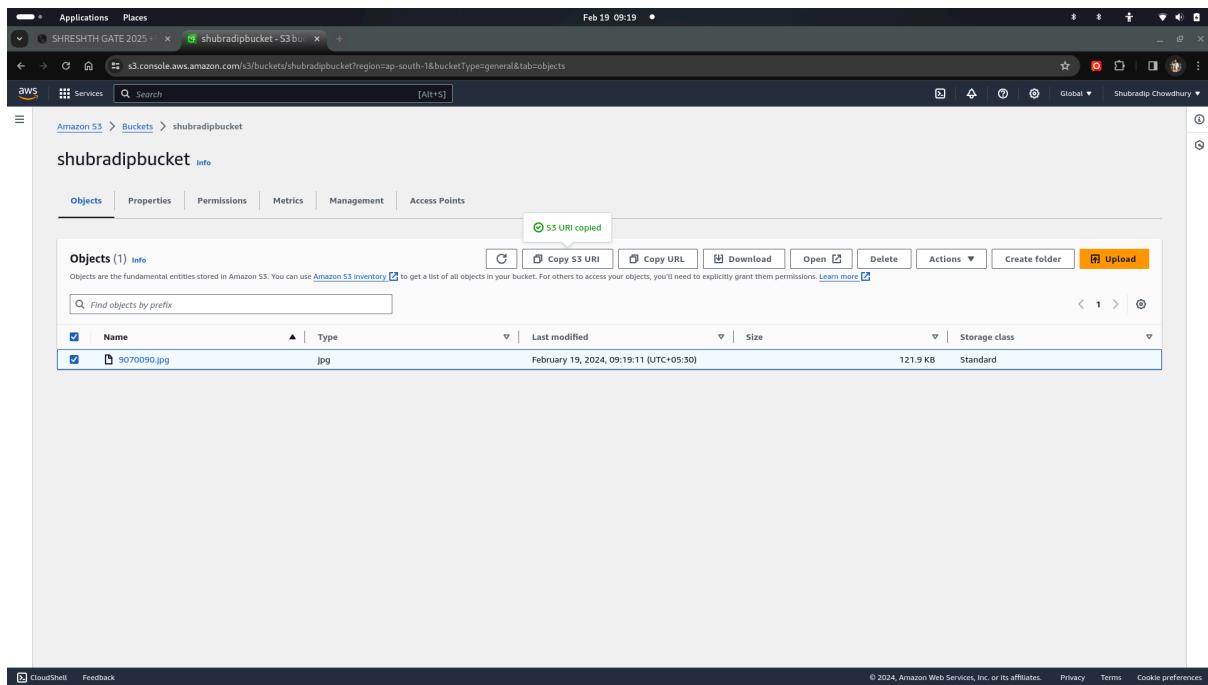
11. Scroll down and proceed to click on 'Upload'.

The screenshot shows the AWS S3 console interface for uploading objects. The URL in the address bar is `s3.console.aws.amazon.com/s3/upload/shubradipbucket?region=ap-south-1&bucketType=general`. The main area is titled "Upload" and contains a large text input field with placeholder text "Drag and drop files and folders you want to upload here, or choose Add files or Add folder...". Below this is a table titled "Files and folders (1 Total, 121.9 KB)" showing one item: "9070090.jpg". The "Destination" section shows the target bucket as "s3://shubradipbucket". The "Permissions" section indicates "Grant public access and access to other AWS accounts". The "Properties" section specifies storage class, encryption settings, and tags. At the bottom right are "Cancel" and "Upload" buttons.

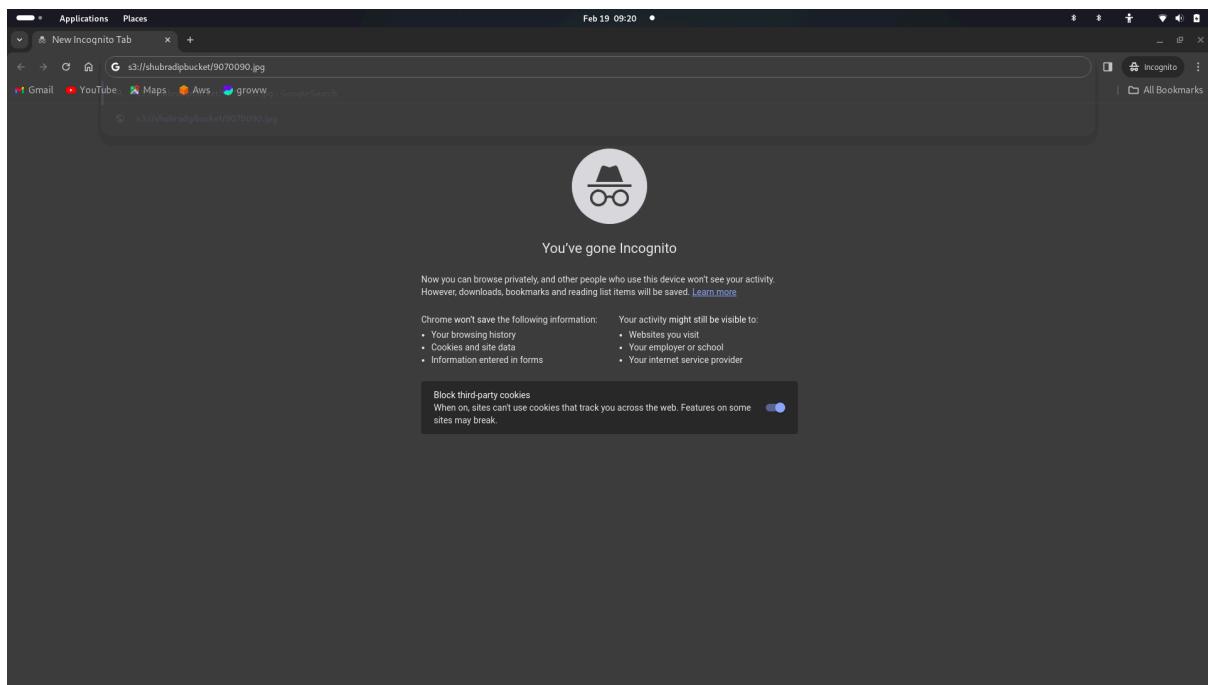
12. The notification confirms that the file has been successfully uploaded. Click on 'Close' to return.

The screenshot shows the AWS S3 console after the file has been uploaded. The URL in the address bar is `s3.console.aws.amazon.com/s3/upload/shubradipbucket?region=ap-south-1&bucketType=general`. A green banner at the top says "Upload succeeded" with a link to "View details below.". Below this is a summary table with three rows: Destination (s3://shubradipbucket), Status (Succeeded: 1 file, 121.9 KB (100.00%)), and Failed (0 files, 0 B (0%)). The "Files and folders" section shows the uploaded file "9070090.jpg" with its details: Name (9070090.jpg), Type (Image/jpeg), Size (121.9 KB), Status (Succeeded), and Error (-). At the bottom right are "Close" and "Upload" buttons.

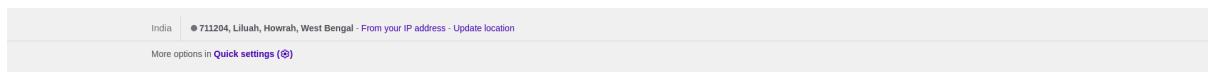
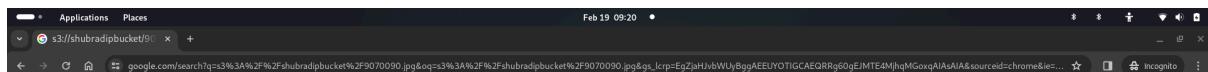
13. Now, select the checkbox next to the uploaded file, then click on 'Copy URL'.



14. Navigate to a new window, paste the URL, and proceed with the search.



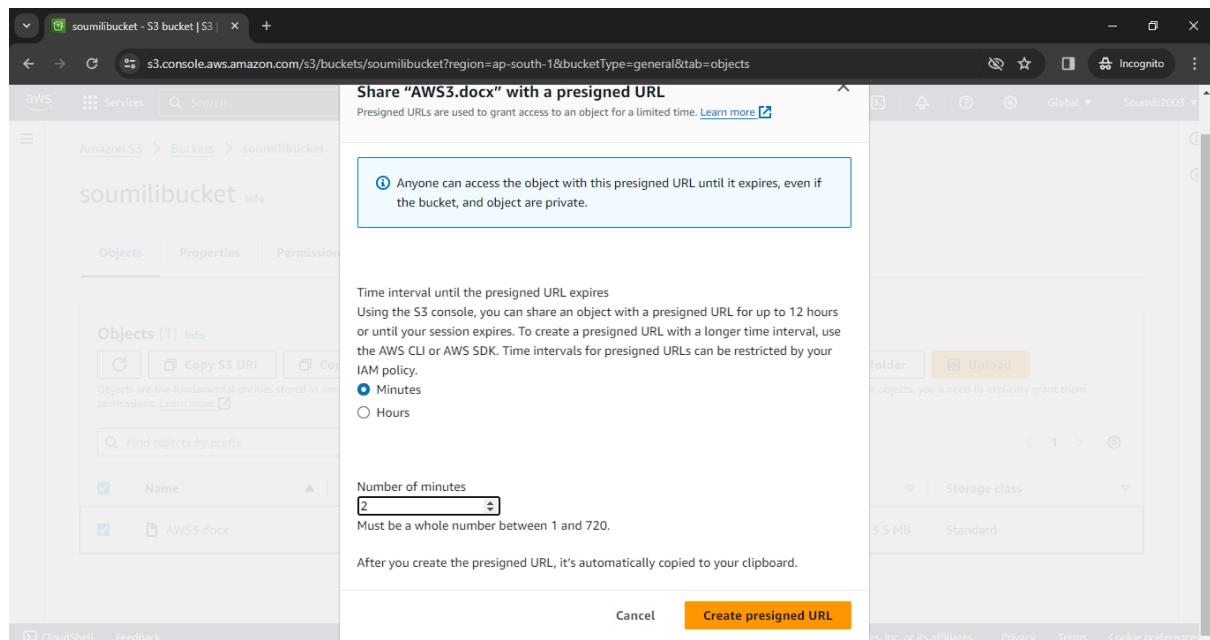
15. An error appears indicating that access to the contents is restricted since this is a private bucket.



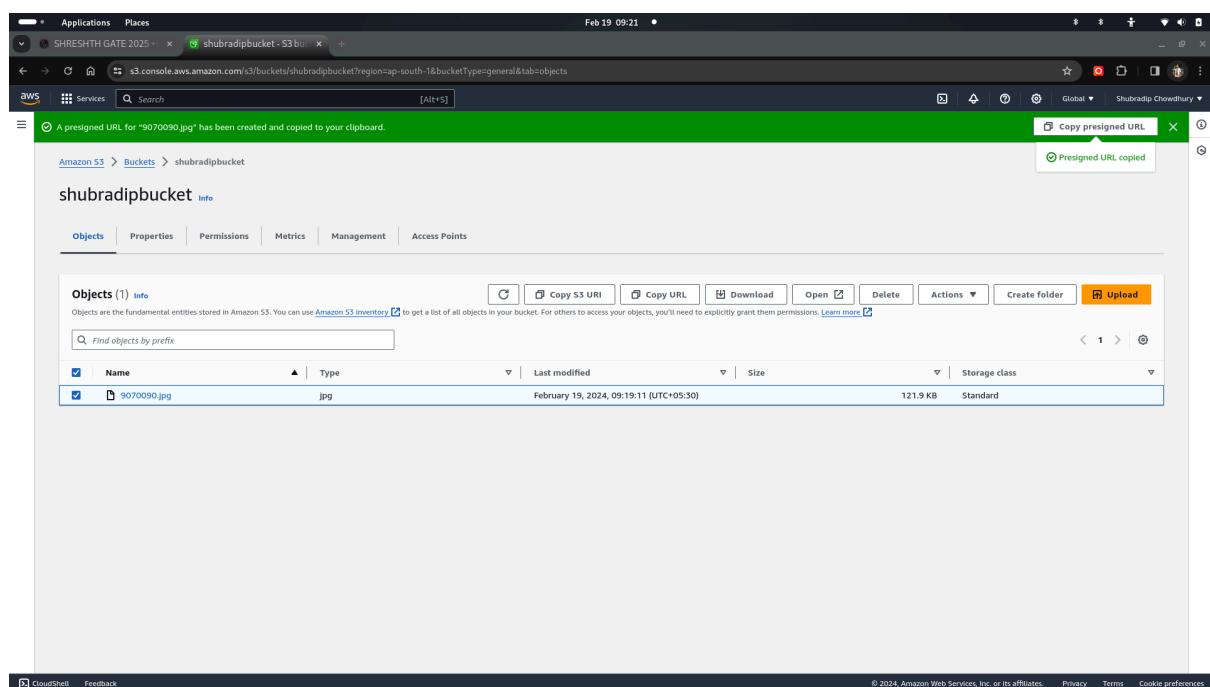
16. Close the current window, then navigate to 'Actions' and choose 'Share with a presigned URL'.

Name	Type	Last modified	Size
9070090.jpg	jpg	February 19, 2024, 09:19:11 (UTC+05:30)	121

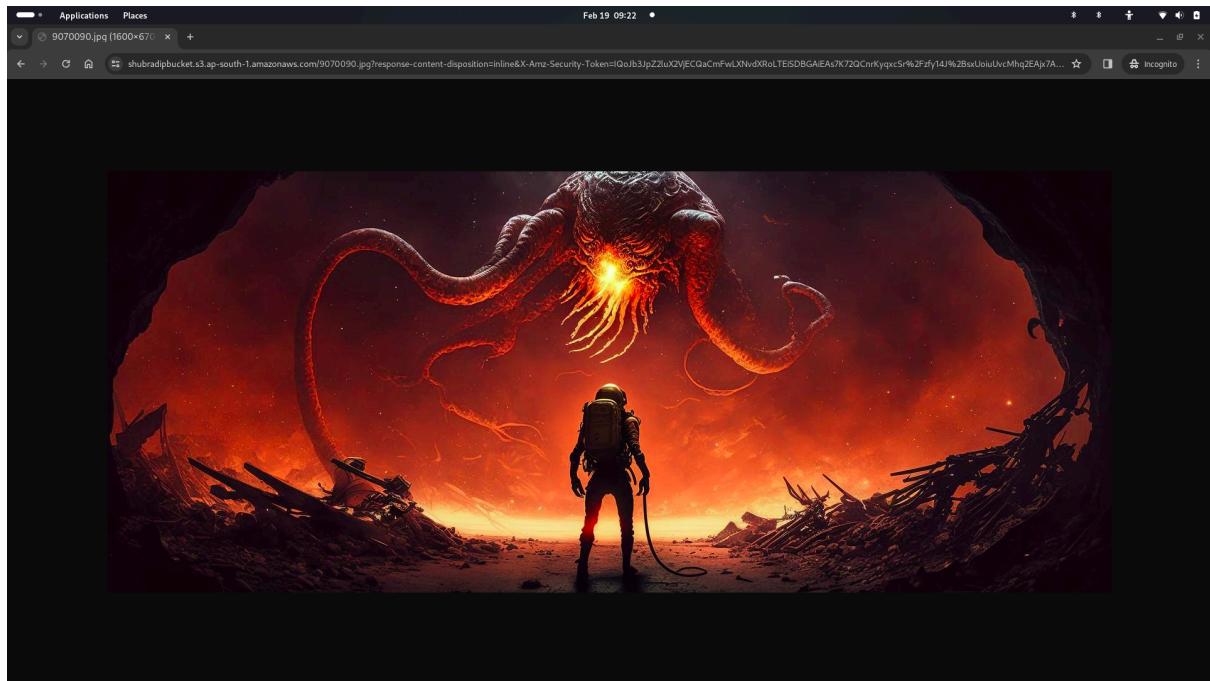
17. Select the desired duration until you want the presigned URL to expire.



18. Copy the presigned URL.



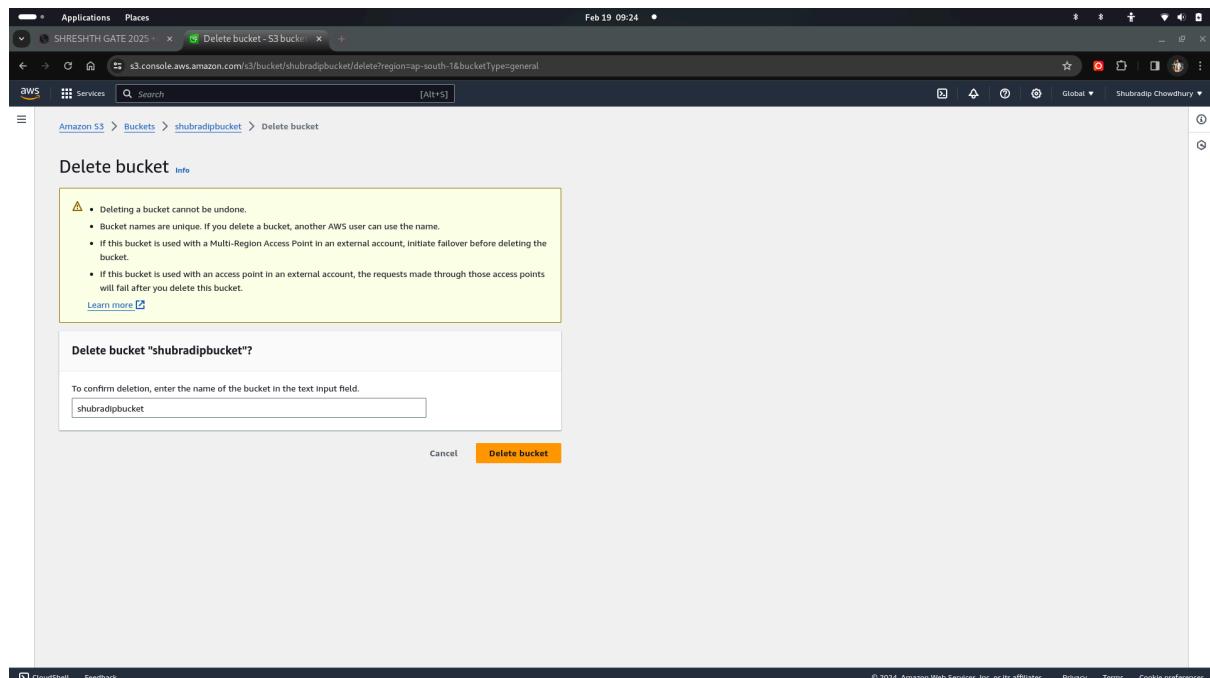
19. Open a new window and paste the URL. Now, you can view the uploaded file.



20. To delete the bucket, it must first be emptied. Therefore, close this window and return to your list of buckets. Select the desired bucket and proceed to click on 'Empty'.

A screenshot of the AWS S3 console. The top navigation bar shows "Delete objects - S3 bucke". The main content area has a green header bar with the text "Successfully deleted objects" and "View details below.". Below this, there's a summary table with three rows: "Source" (s3://shubradipbucket), "Successfully deleted" (1 object, 121.9 KB), and "Failed to delete" (0 objects). There are tabs for "Failed to delete" and "Configuration". Under "Failed to delete", it says "(0)" and shows a search bar and a table with columns: Name, Folder, Type, Last modified, Size, and Error. The table body is empty, showing "No objects failed to delete." At the bottom, there are links for "cloudShell", "Feedback", and copyright information: "© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences".

24. To confirm the deletion, enter your bucket name. Then, click on 'Delete bucket'.



25. The deletion has been successfully completed.

