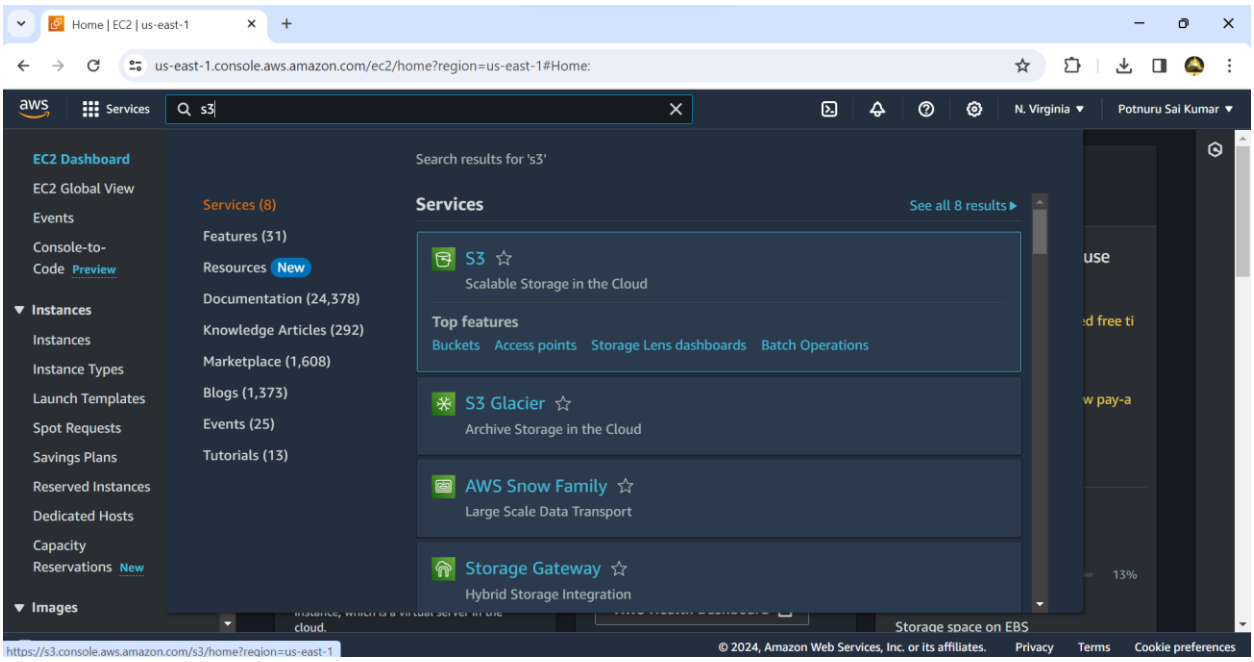
ASSIGNMENT-2

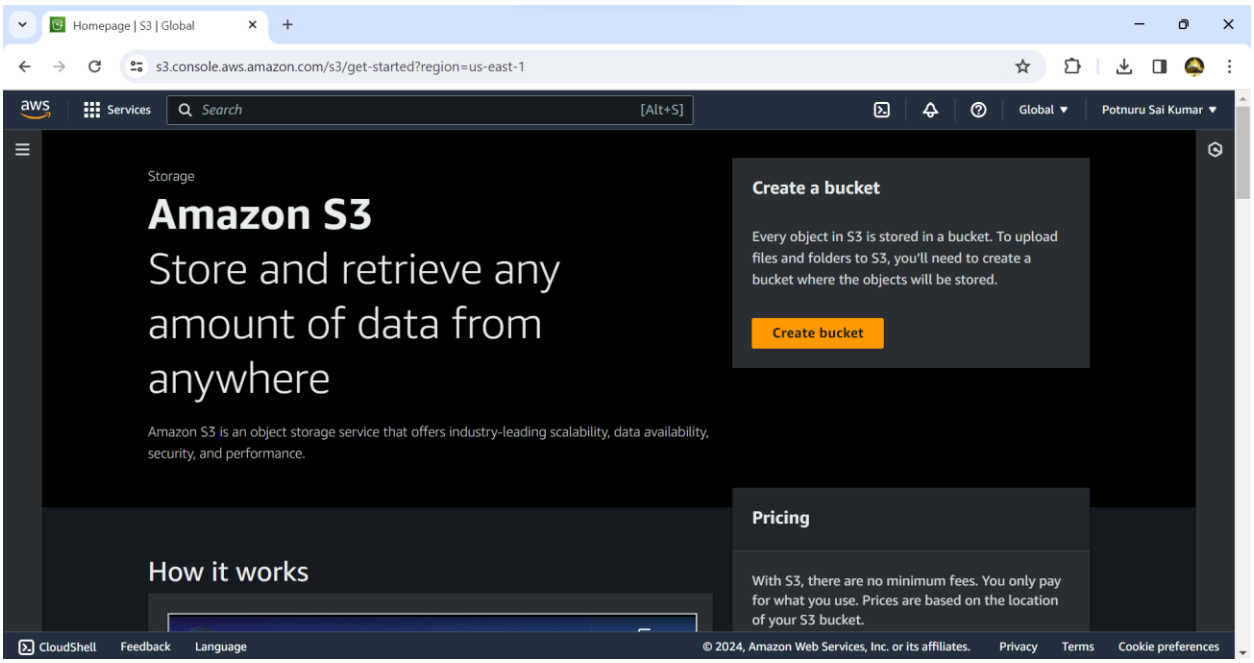
Create two S3 buckets in different regions, upload a file in one bucket and transfer the same file from one S3 bucket to another S3 bucket.

Create an Amazon Simple Storage Service(S3)

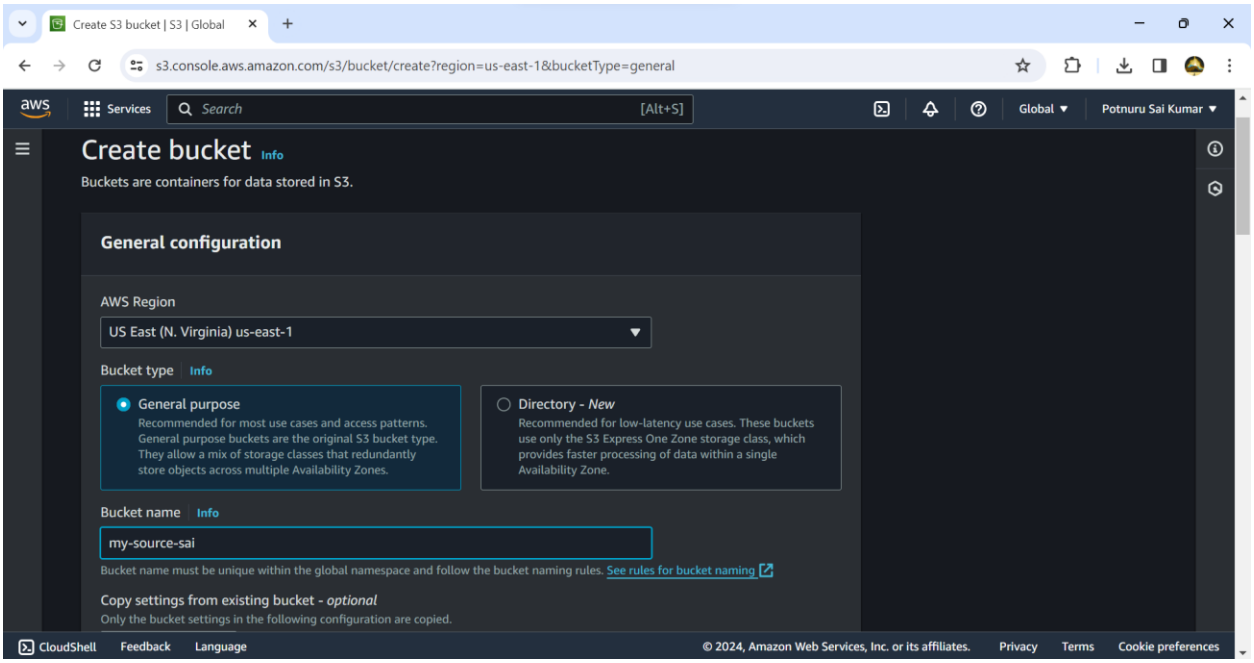
1. Search for S3 in the search space of AWS home page and click on S3.



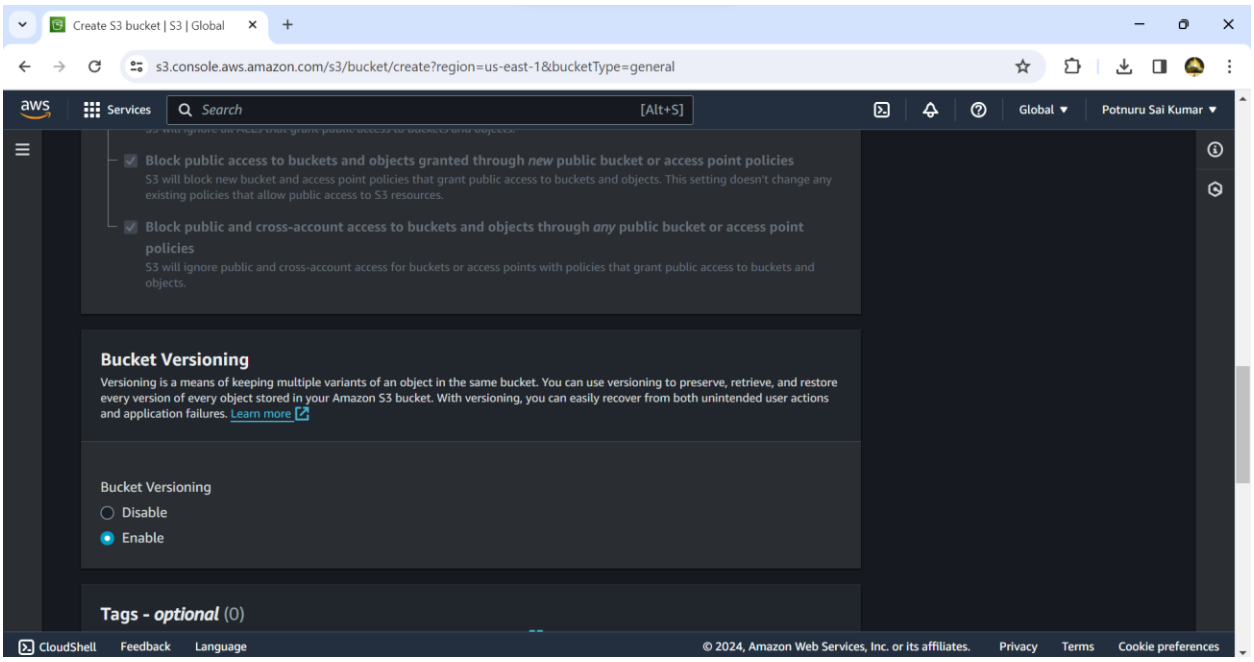
2. Now click on Create a bucket to create our custom S3.



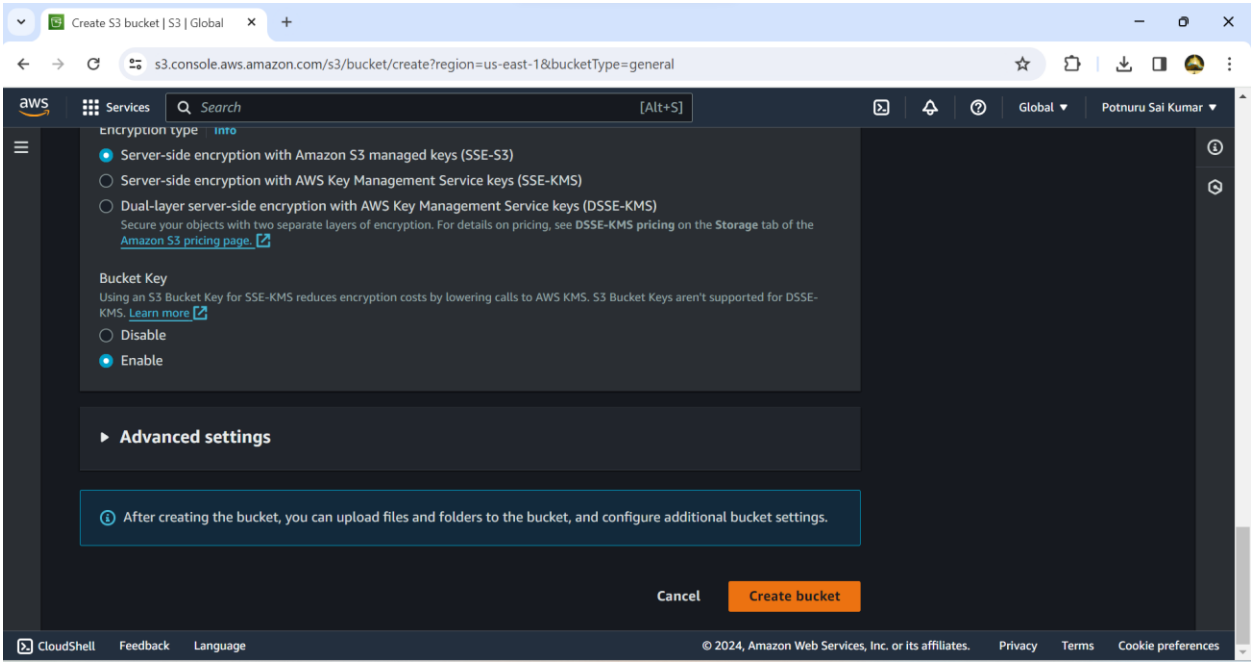
3. Now we must give the details of the AWS region and bucket name. (Source bucket, AWS Region-US East (N. Virgina) us-east-1& Bucket name- mu-source-sai)



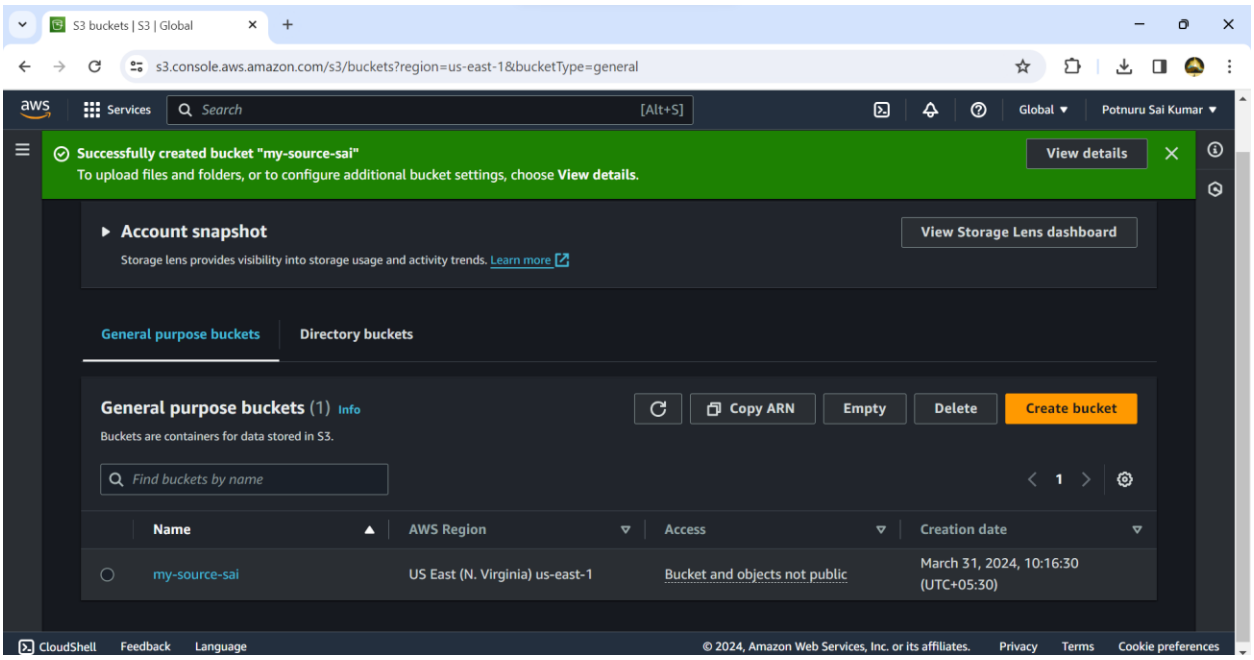
4. After that we should enable the Bucket Versioning.



5. Finally, we will click on the Create bucket button to create the S3 bucket.



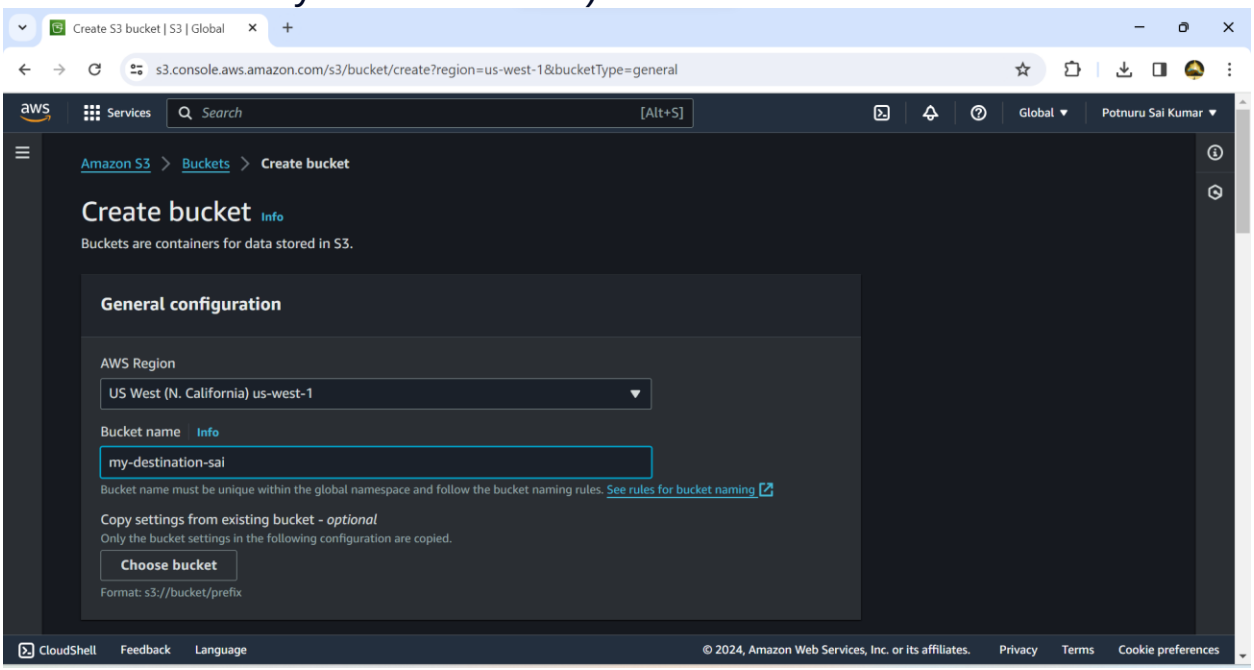
6. Now we have created an S3 bucket in the N. Virgina region successfully.



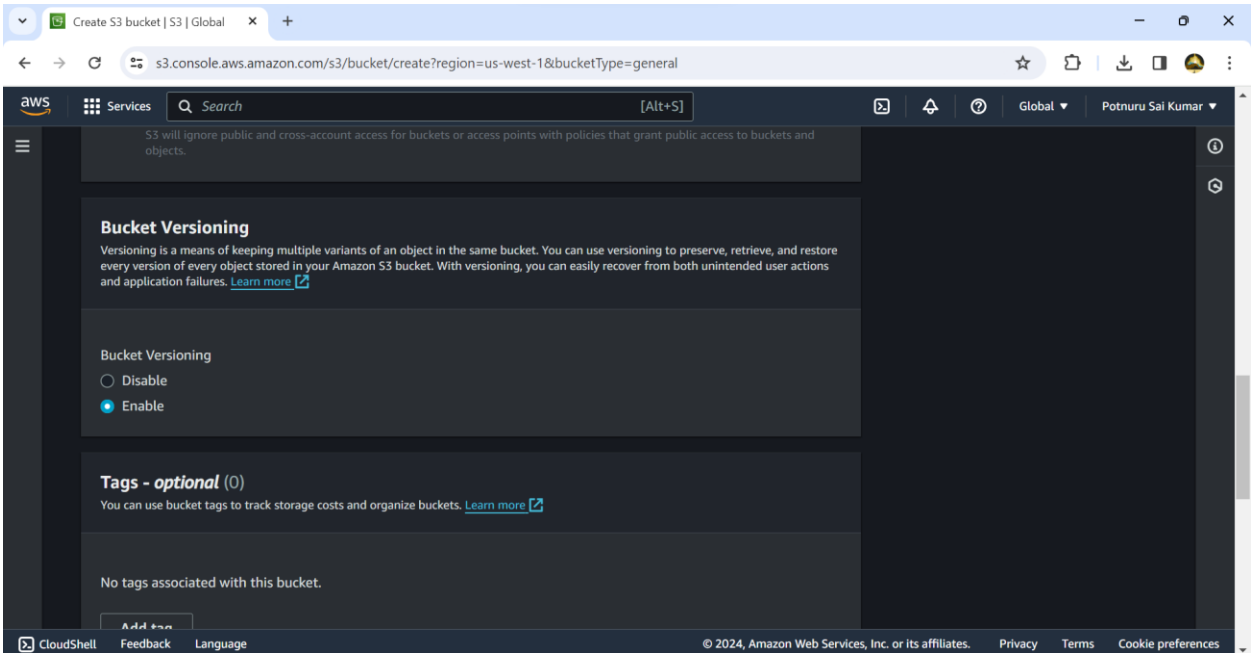
7. After that we created another S3 bucket in another region. (It is destination bucket).

Now we must give the details of the AWS region and bucket name. (Destination bucket, AWS region-US West (N. California) us-west-1 &

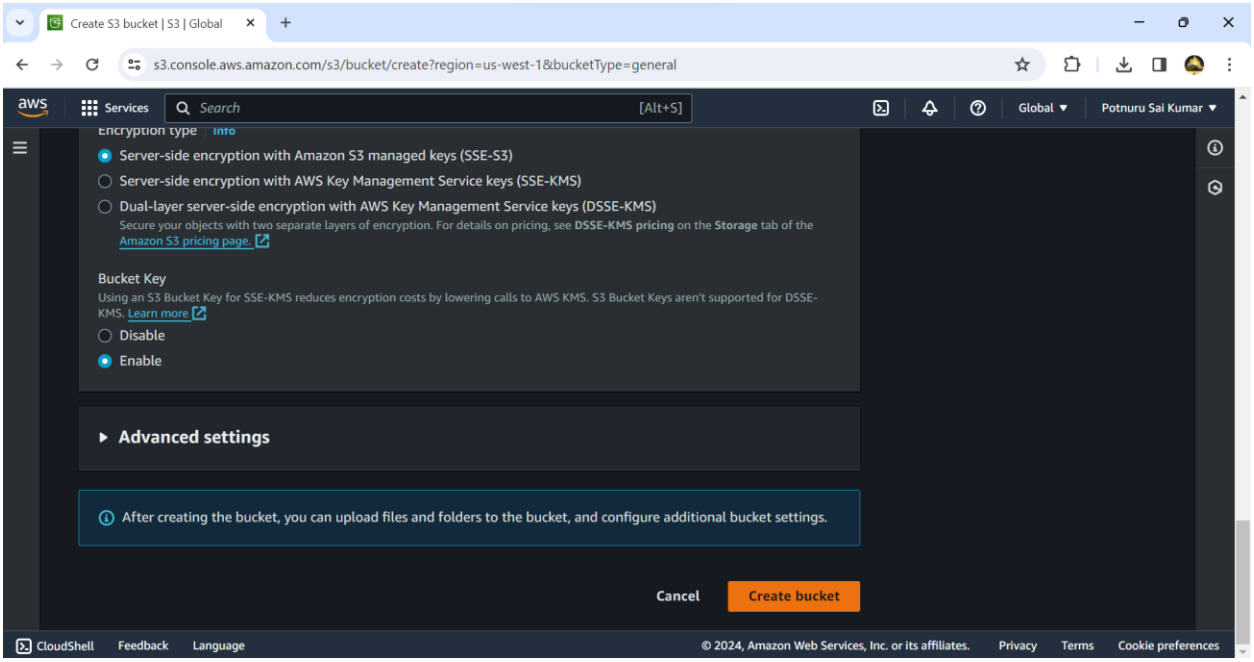
Bucket name- my-destination-sai).



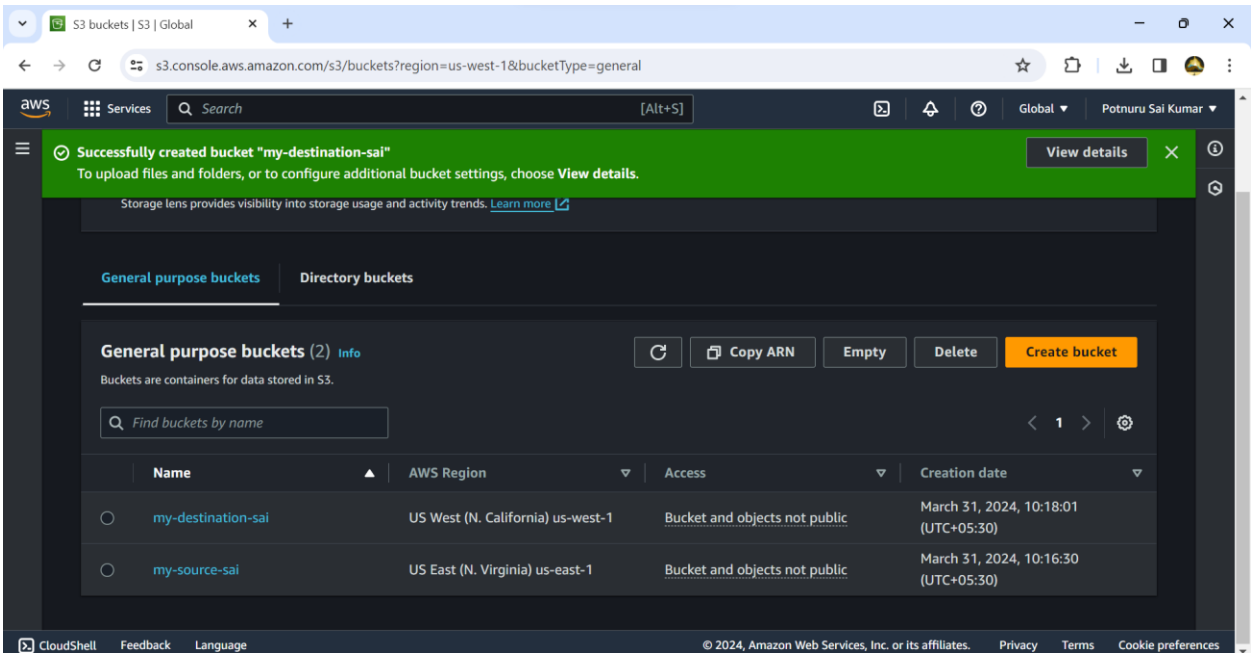
8. After that we should enable the Bucket Versioning.



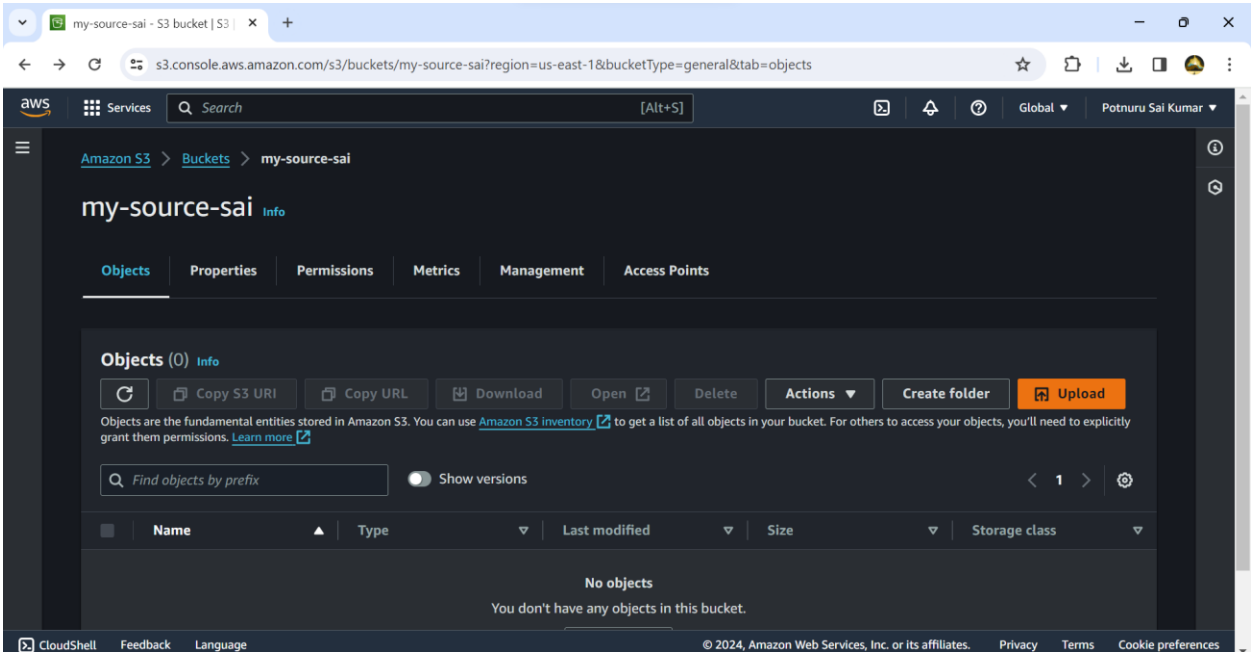
9. Finally, we will click on the Create bucket button to create the S3 bucket.



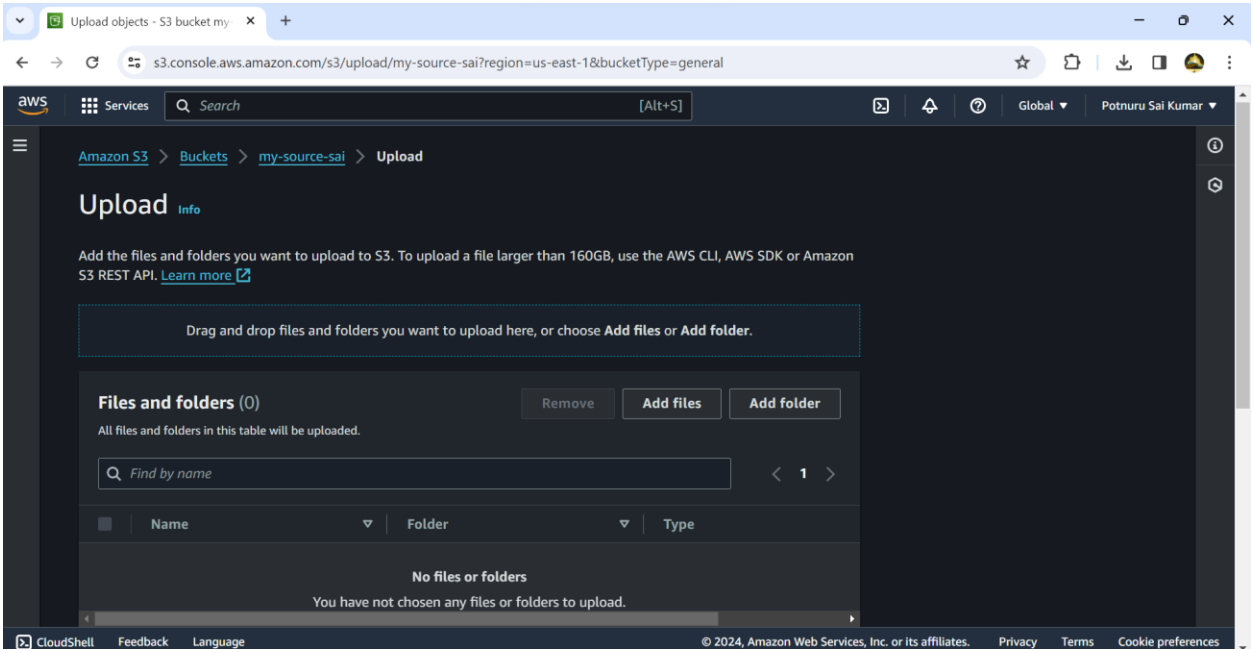
10. Now we have created an S3 bucket in the N. California region successfully.



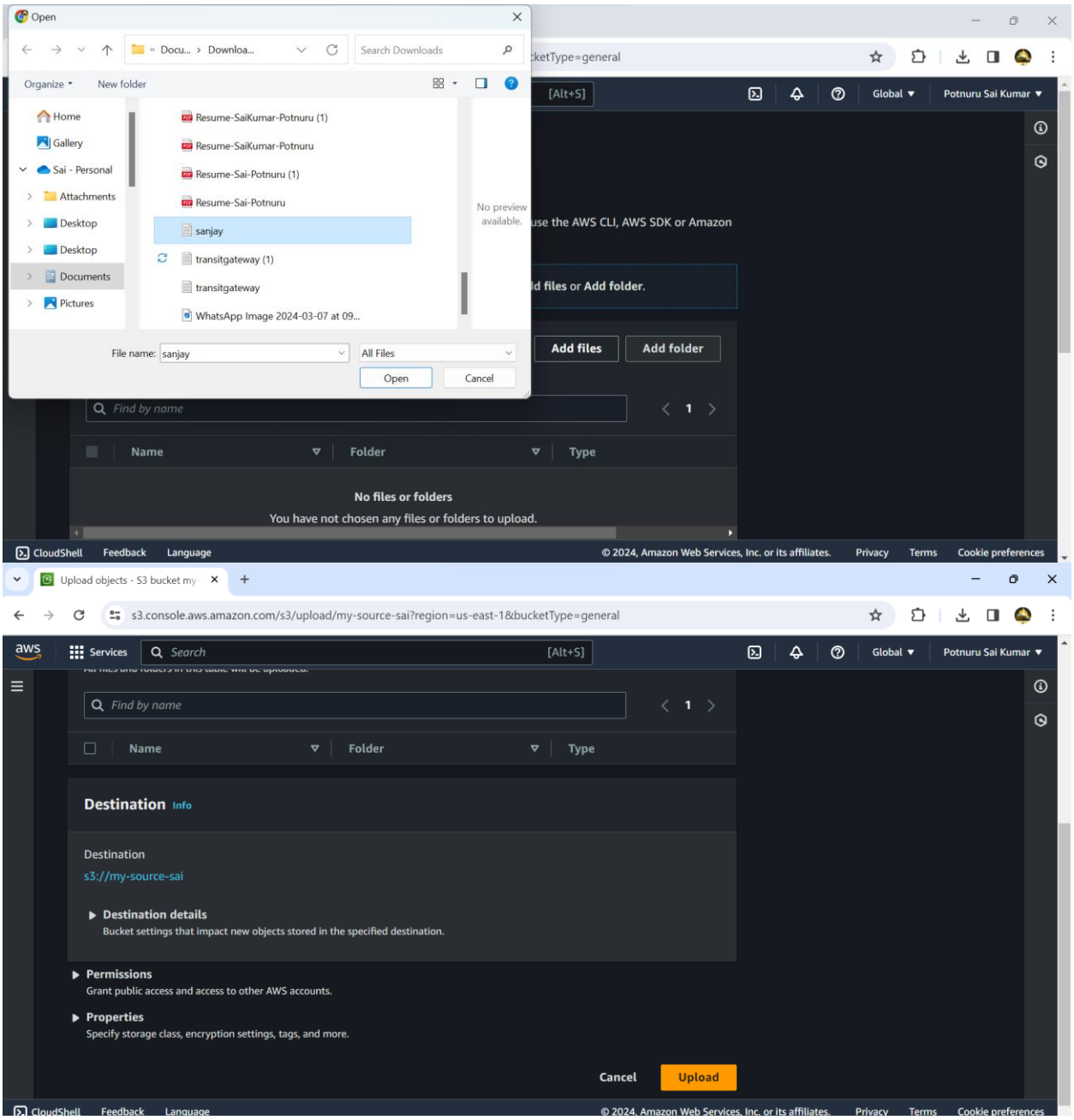
11. Now, we should click on “my-source-sai” and upload the file in the my-source-sai bucket.



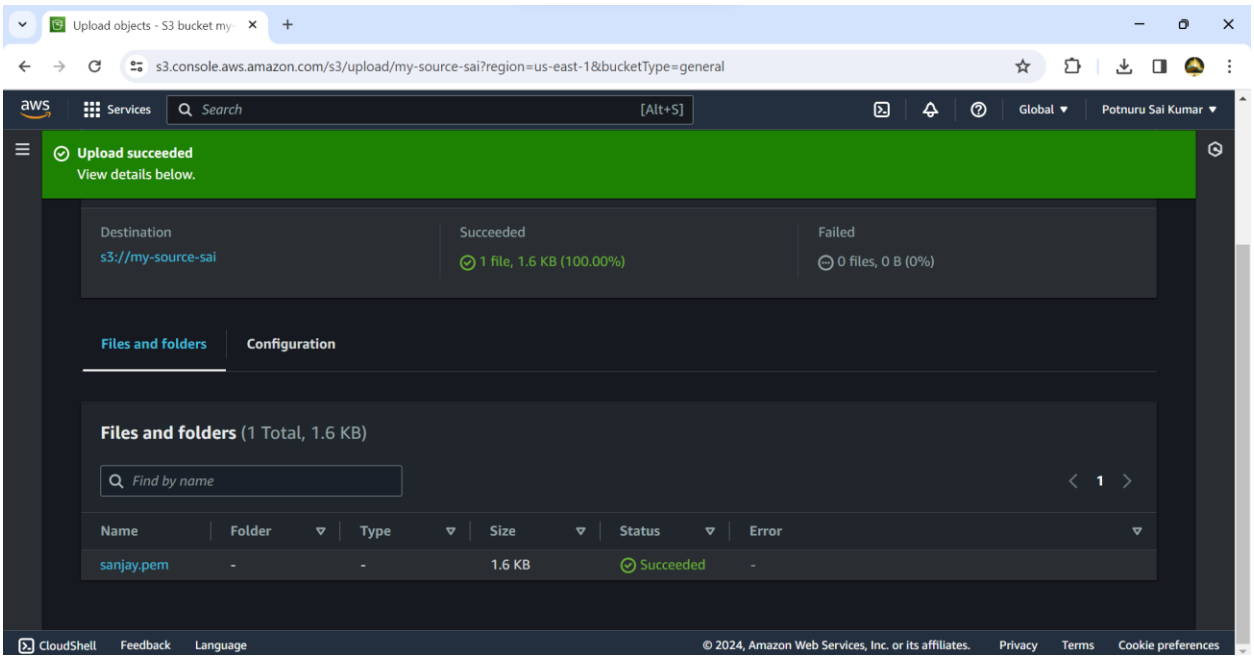
12. We should add files in the my-source-sai bucket.



13. Add Files in the my-source-sai. And click on the upload button to upload in the source bucket.

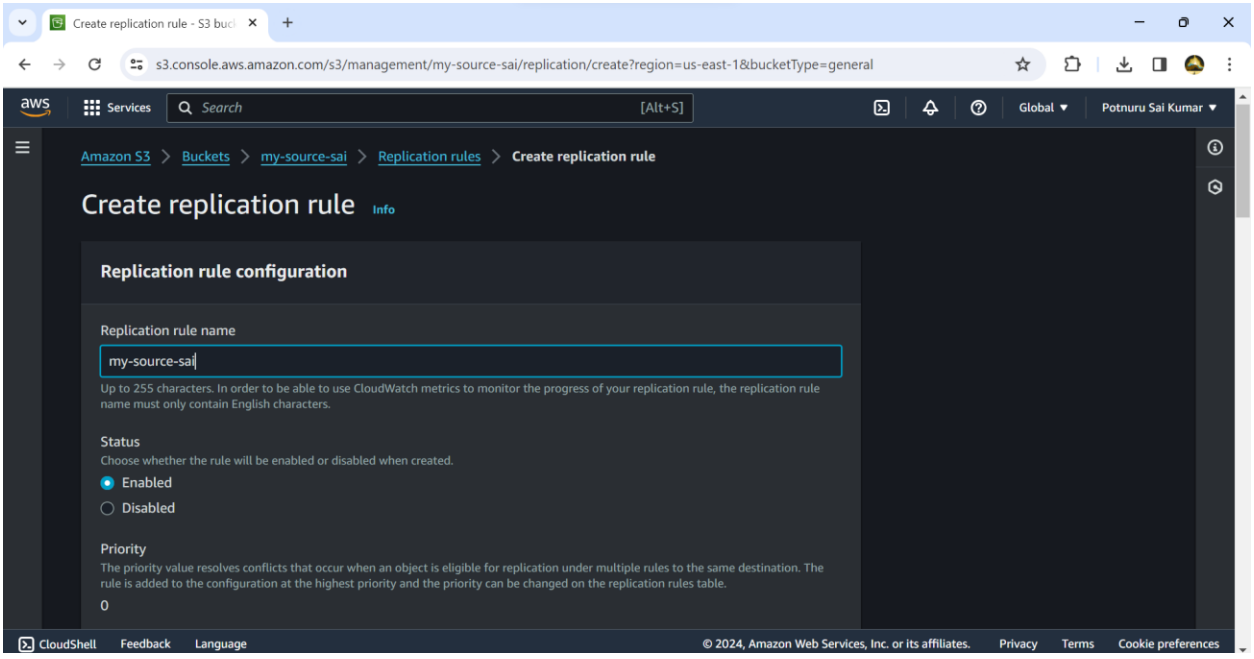


14. Finally, we uploaded a file in the “my-source-sai" bucket successfully. (File name- sanjay.pem)

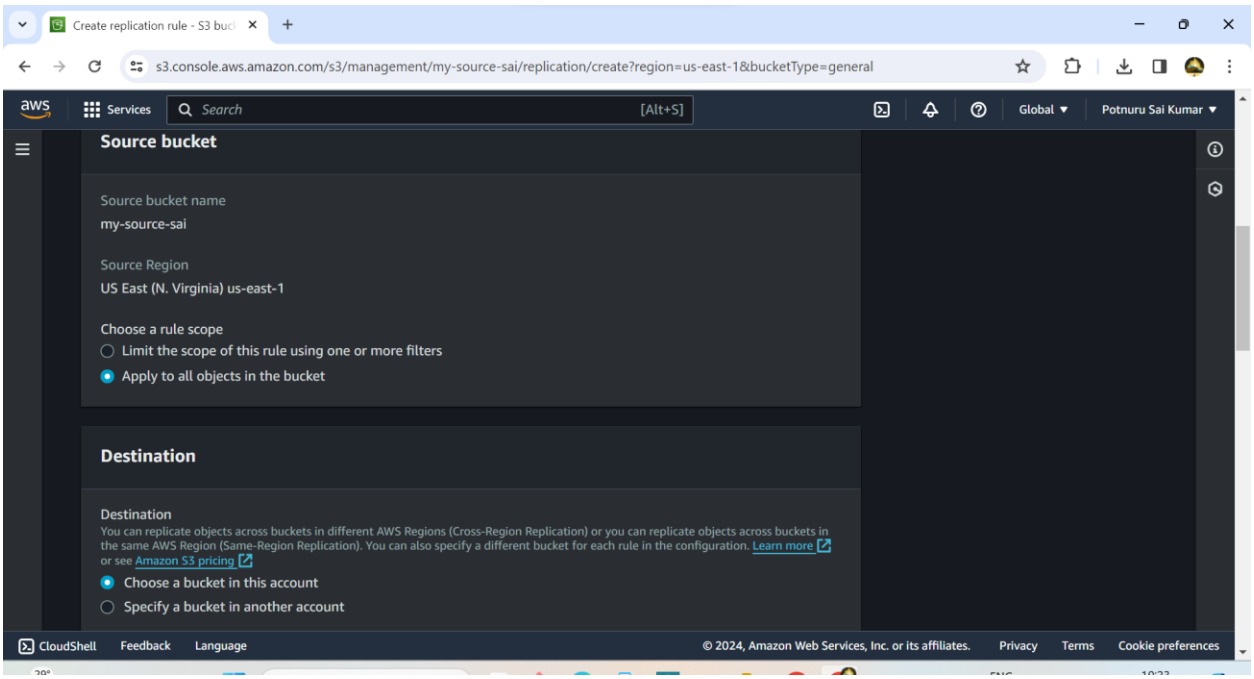


15. Now we have to create a replication rule in the my-source-sai bucket.

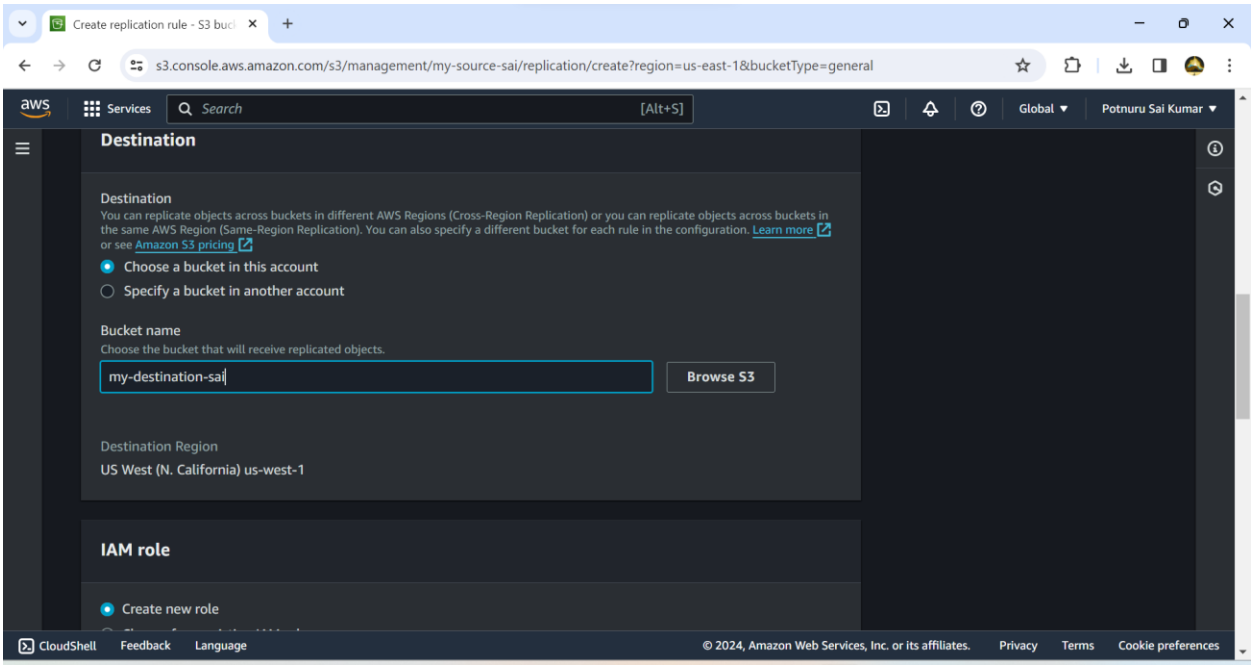
And give the name of the replication rule name.



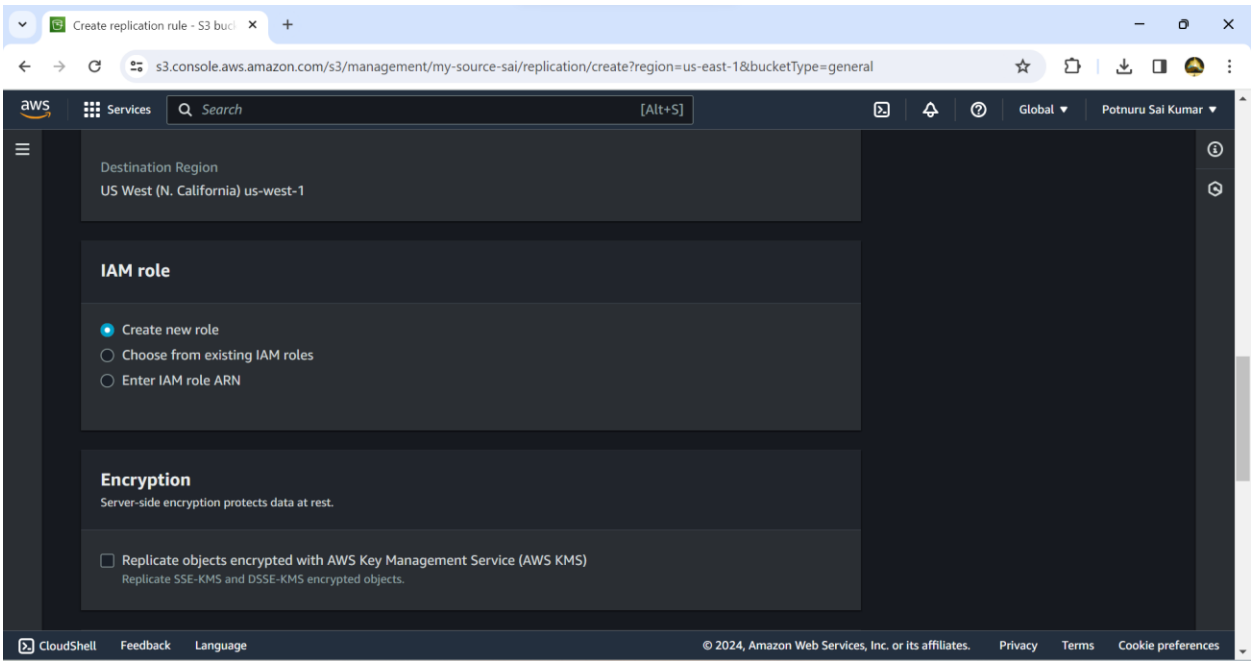
16. After that we select the rule scope “Apply to all objects in the bucket” and we choose the destination path.



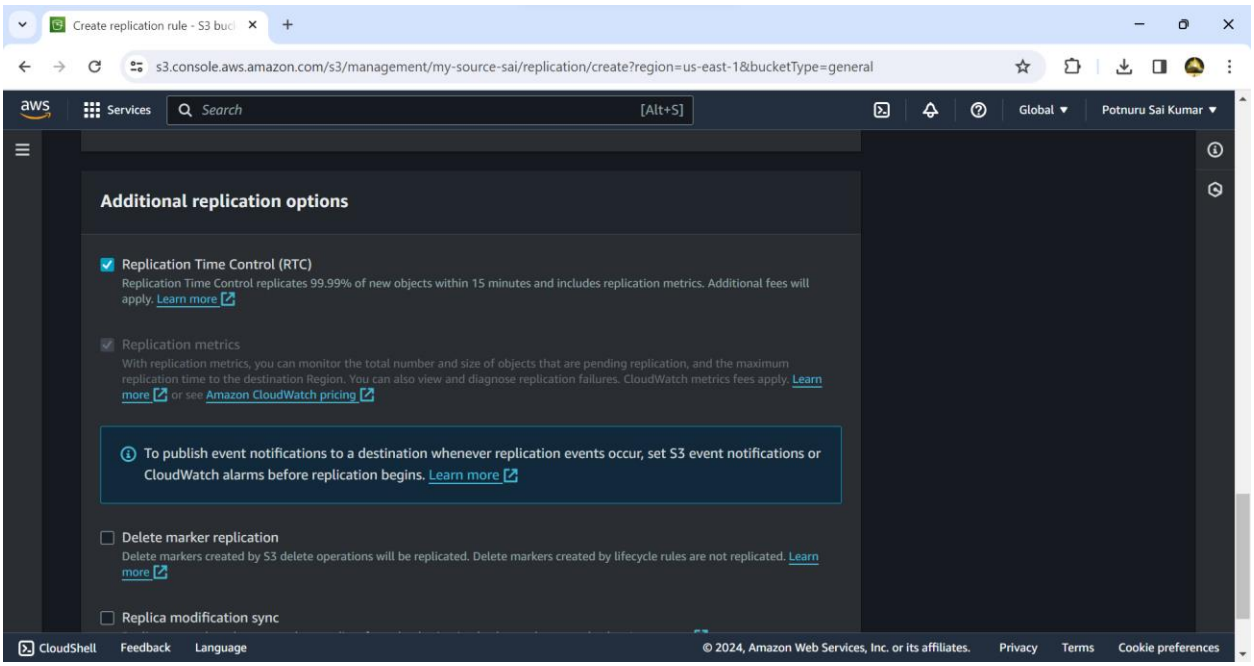
17. Give the destination bucket name or choose from the Browse S3(Destination bucket name – my-destination-sai).



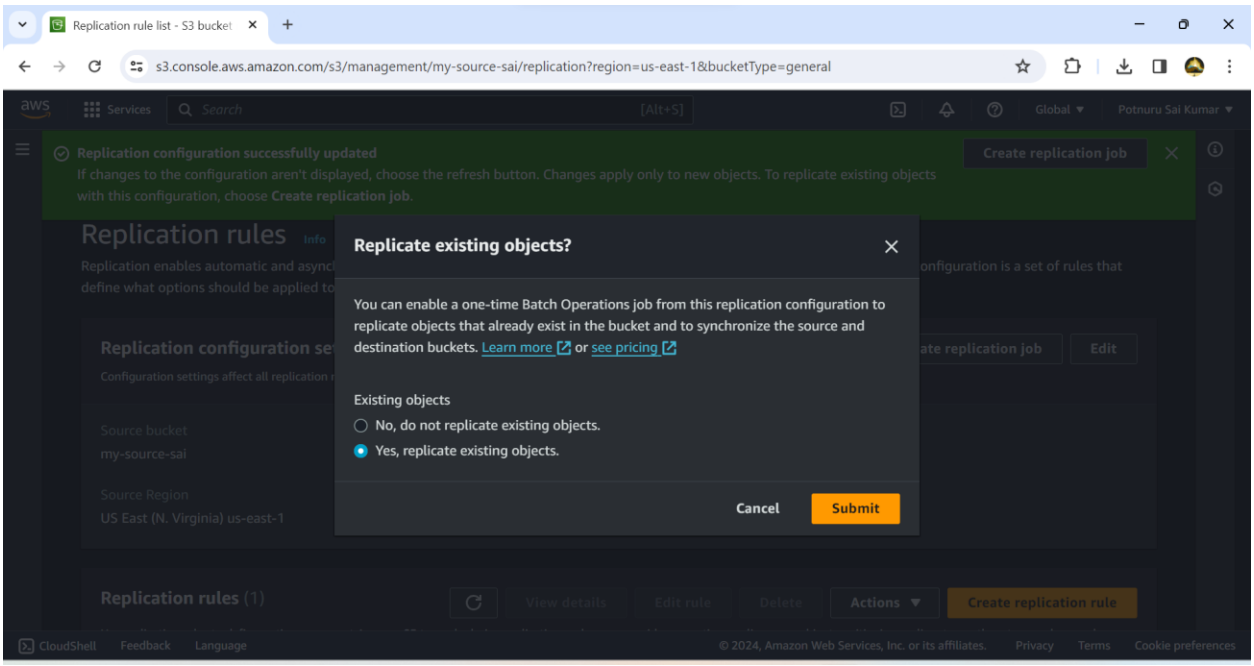
18. 1Now we choose the IAM role.



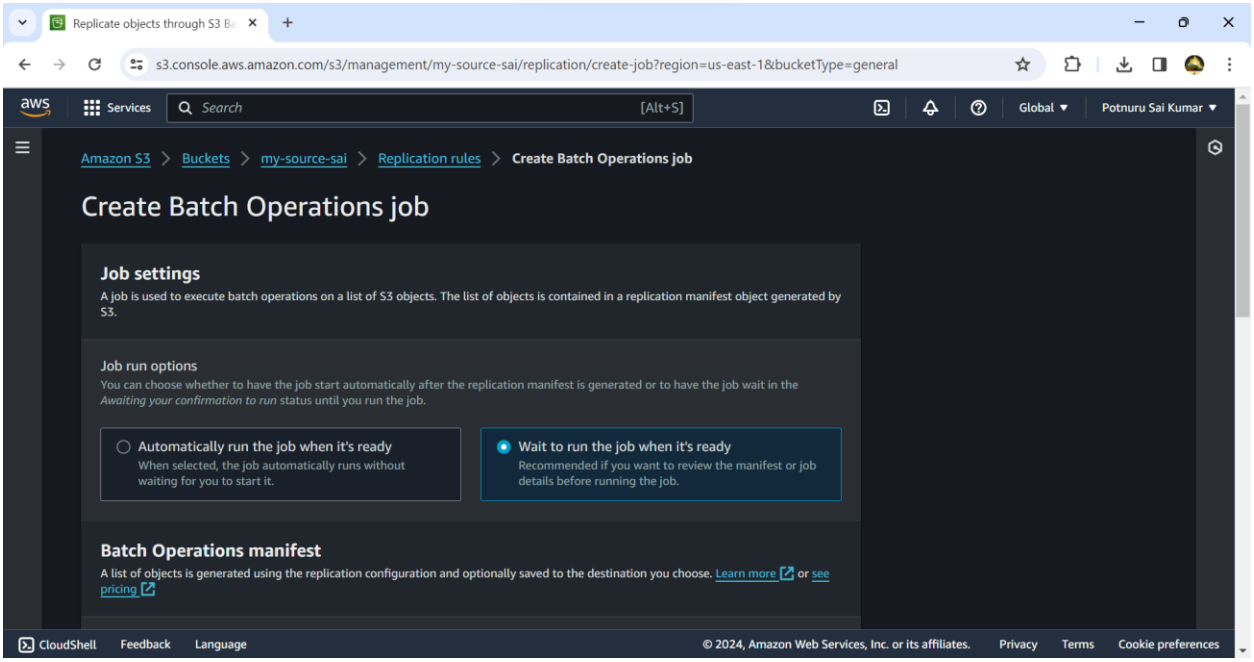
19. After that we add the Additional replication options that select the Replication Time Control (RTC).



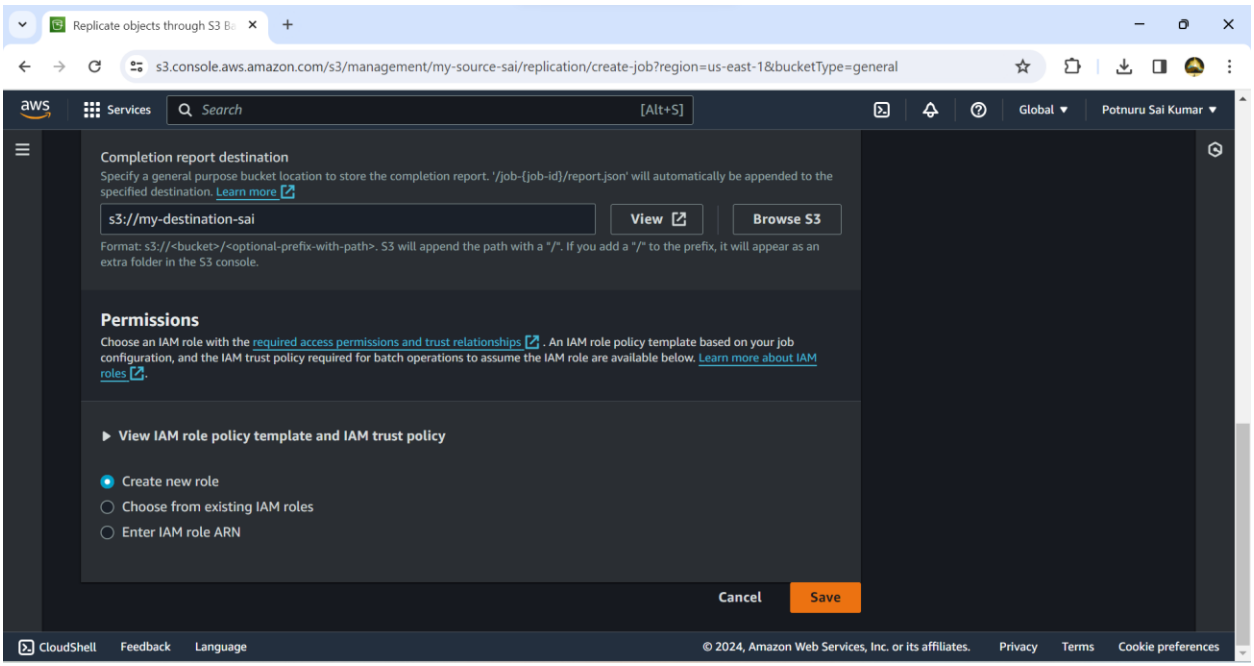
20. Click on the create replication rule button and select the option Yes, replicate existing objects and finally, submit the button.



21. That we Create Batch Operations job in source bucket.

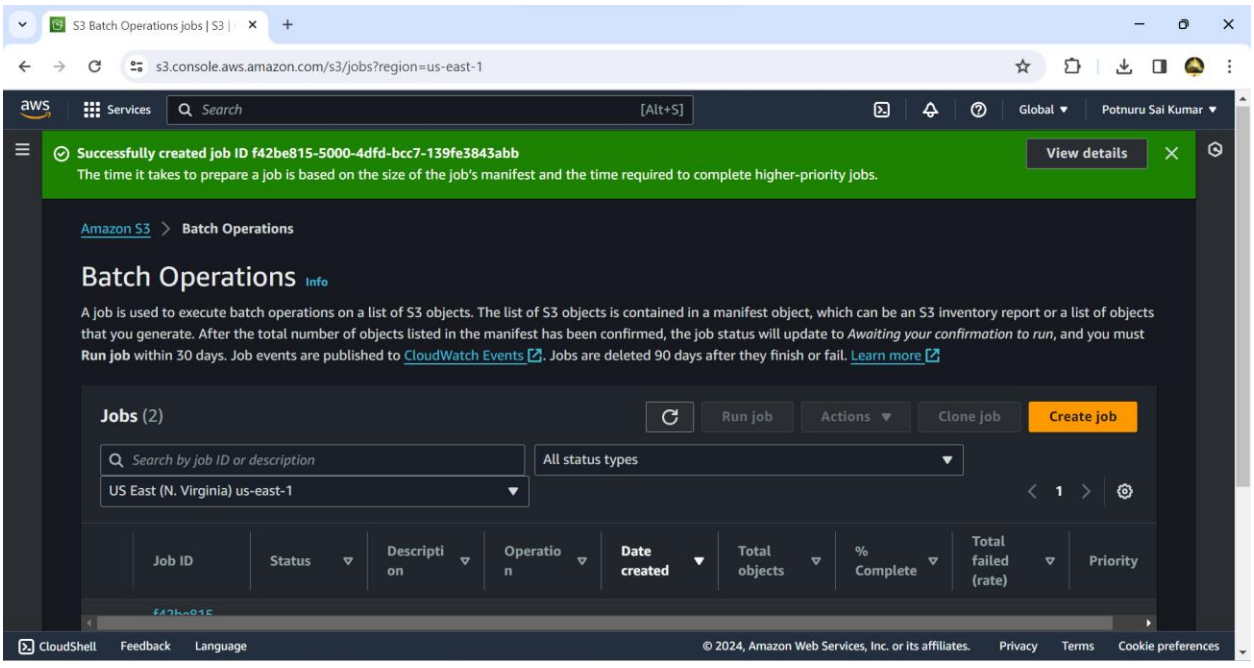


22. Now we should give the destination name address from the Browse S3 and create a new IAM role. Finally click on save.



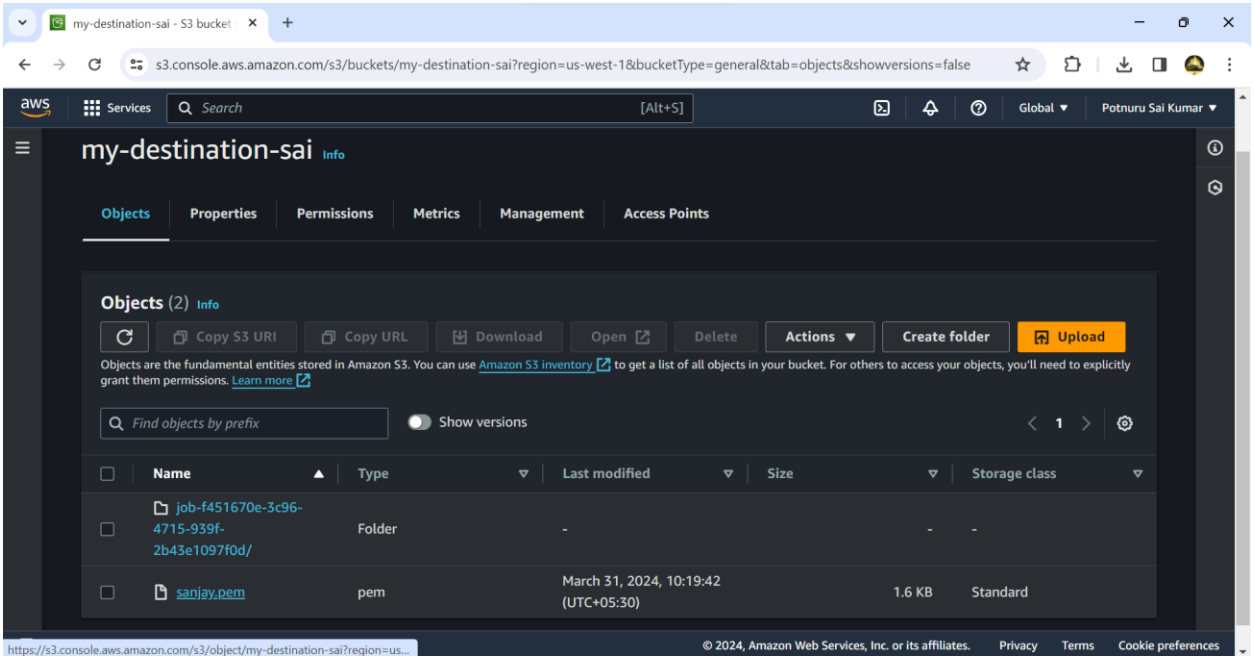
23. Finally, we have created the Batch Operations Successfully.

And finally, we moved the file into destination bucket by creating the replication rule.

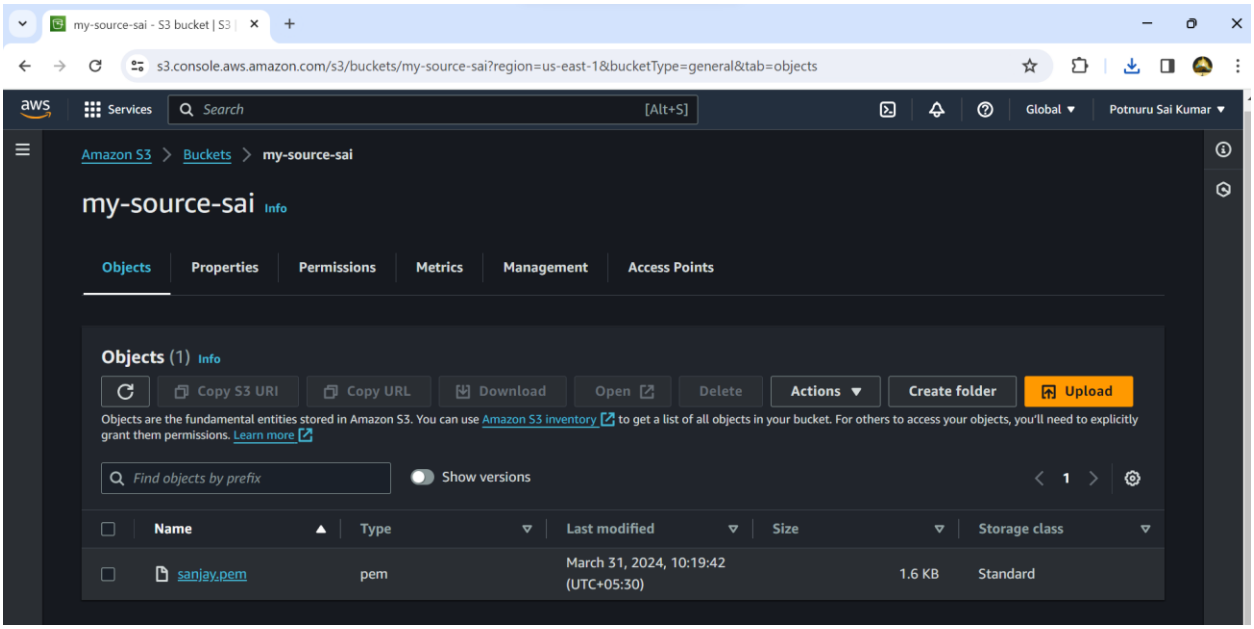


24. Finally, the file “sanjay.pem” was moved into the destinations bucket from the source bucket. By using the cross region, we can move files from one region to another region.

- My-destination-sai(destination bucket)



- My-source-sai(source bucket)



The source bucket file in one region was moved to another region of the destination bucket file by using the cross region.