Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Computer Science and Engineering
(SCOPE)
Fall Semester 2025-26

CBS3005 - Cloud, Microservices and Applications

LAB ASSESSMENT 1

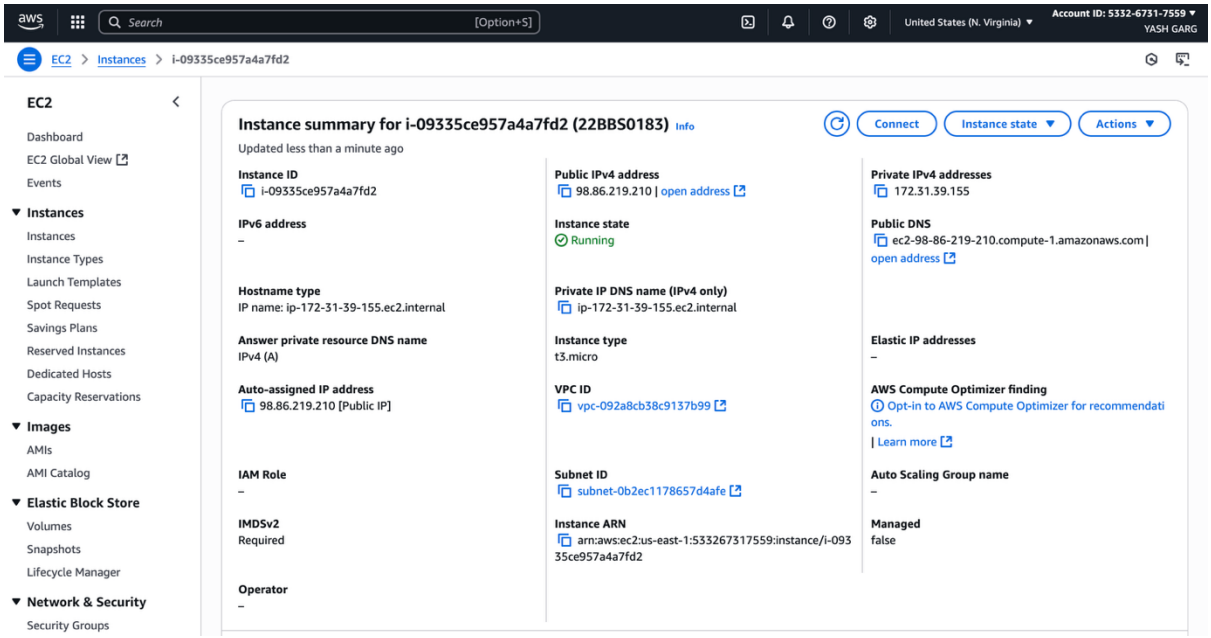
Submitted by-

YASH GARG

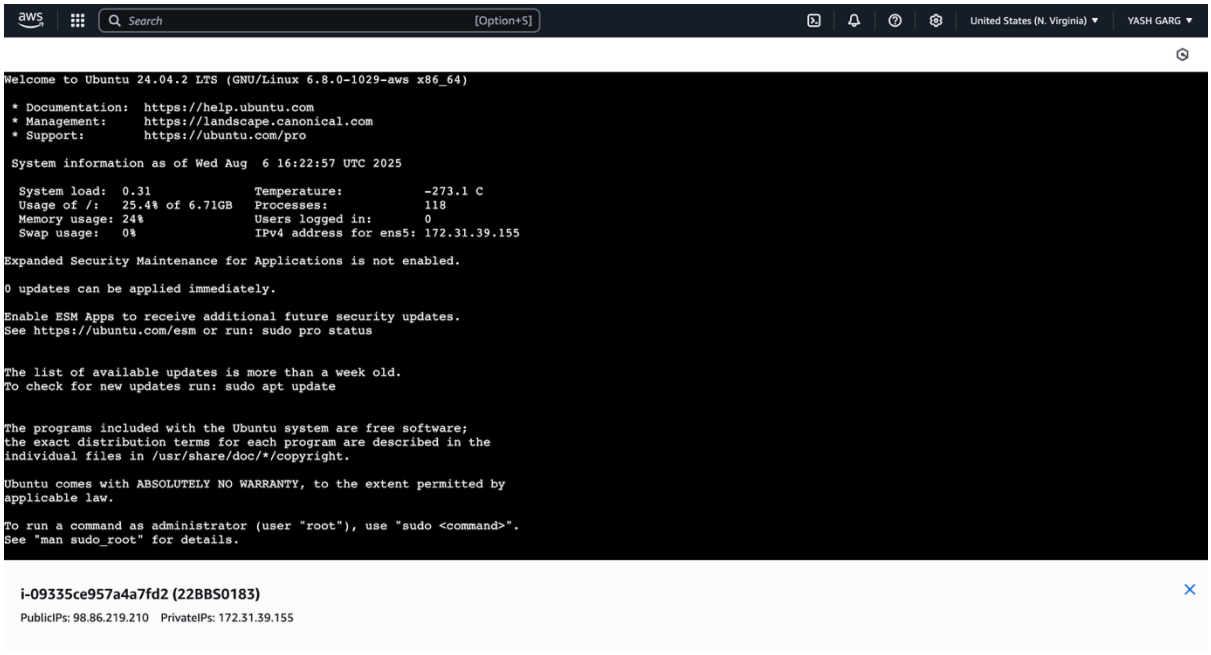
22BBS0183

Q1. Create and manage EC2 instances on AWS. Launch an application on an EC2 instance in one region and then migrate that instance to another region. Additionally, set up another EC2 instance to install MySQL, create a database (e.g., student or employee database), and perform basic SQL operations.

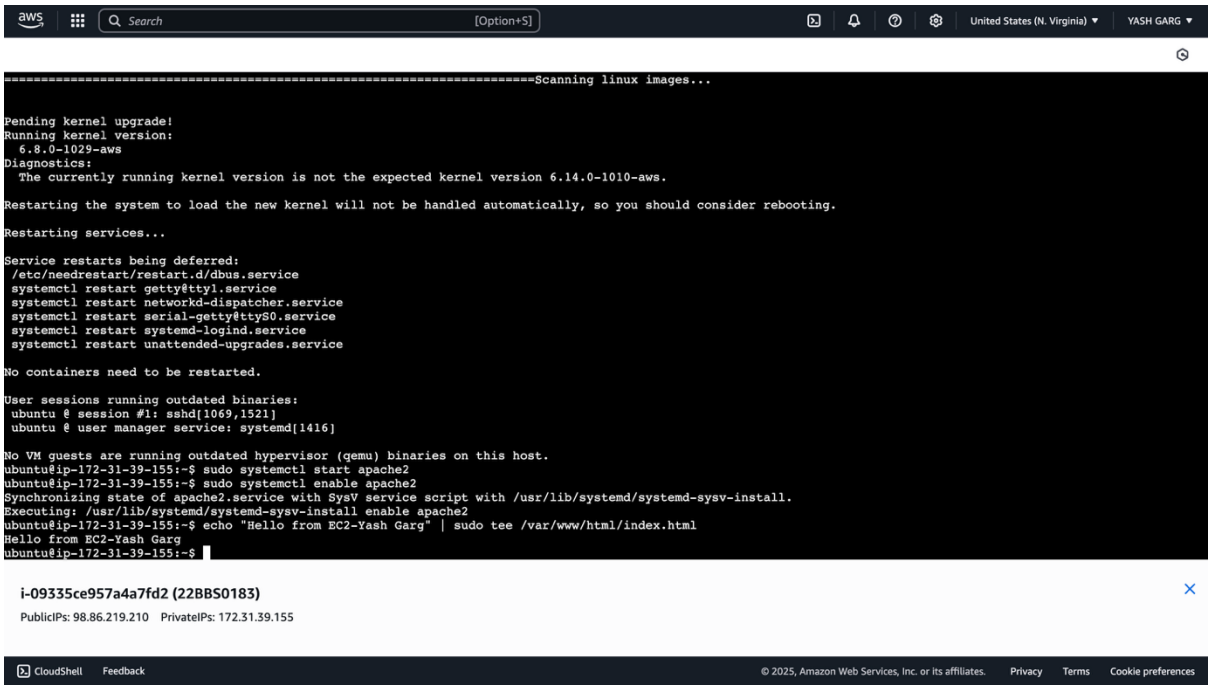
1) Launch Instance



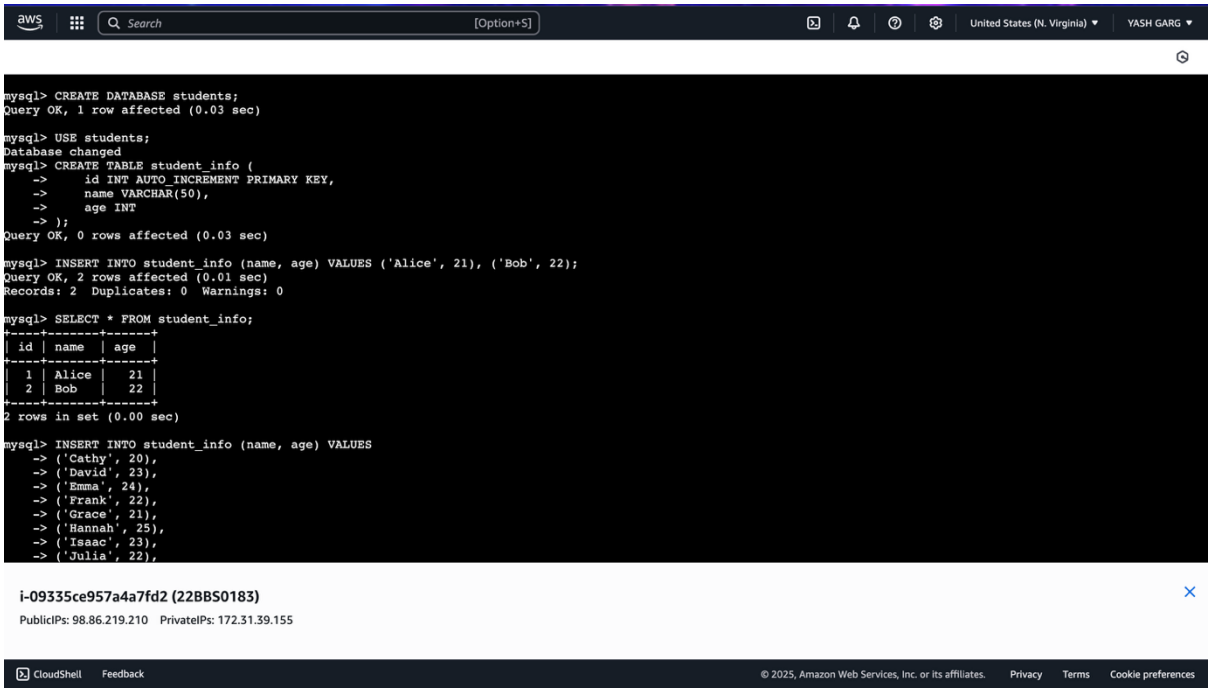
2) Connecting to the ubuntu server

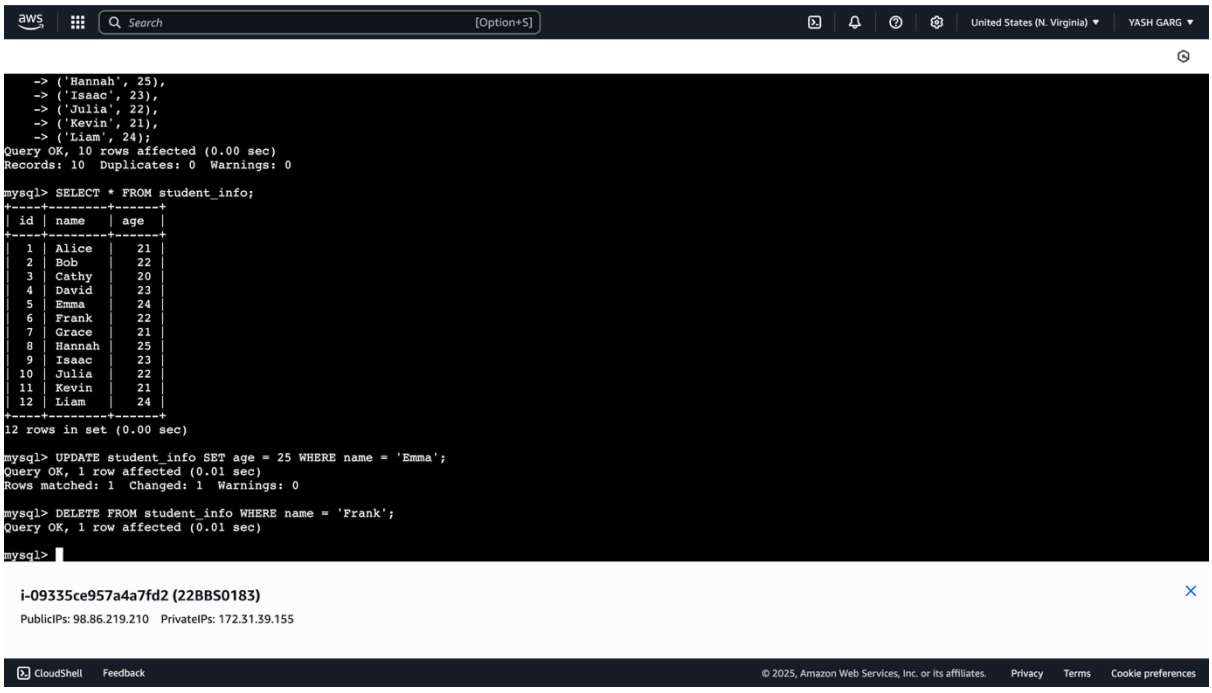


3) Updating command

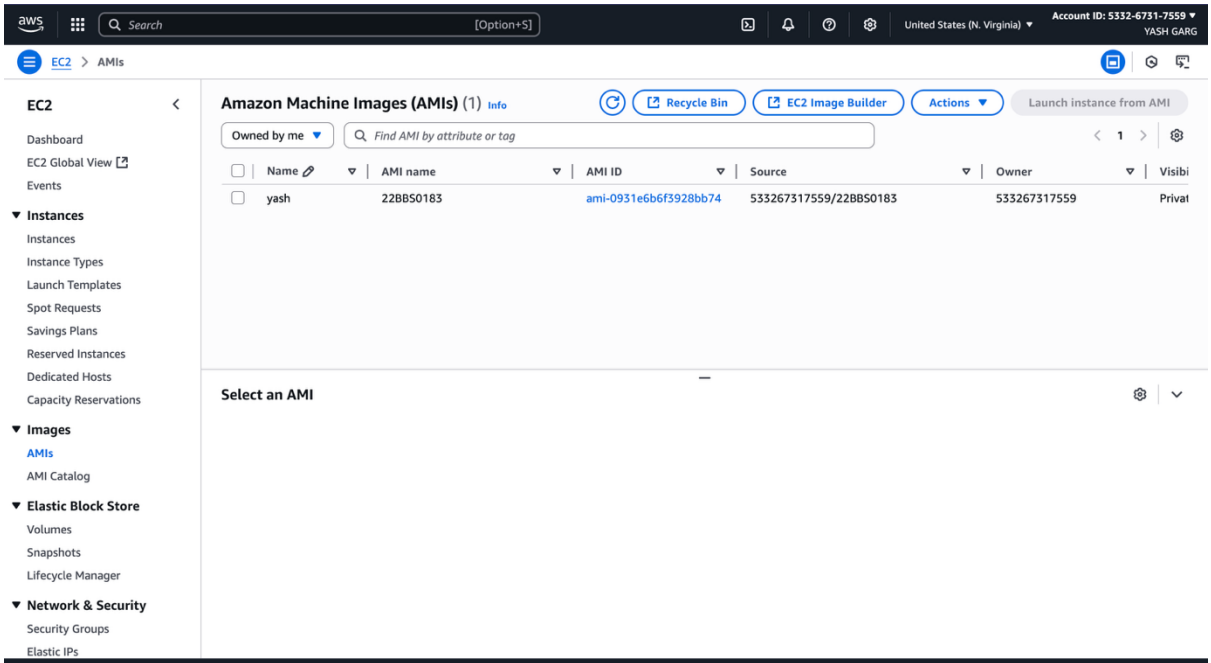


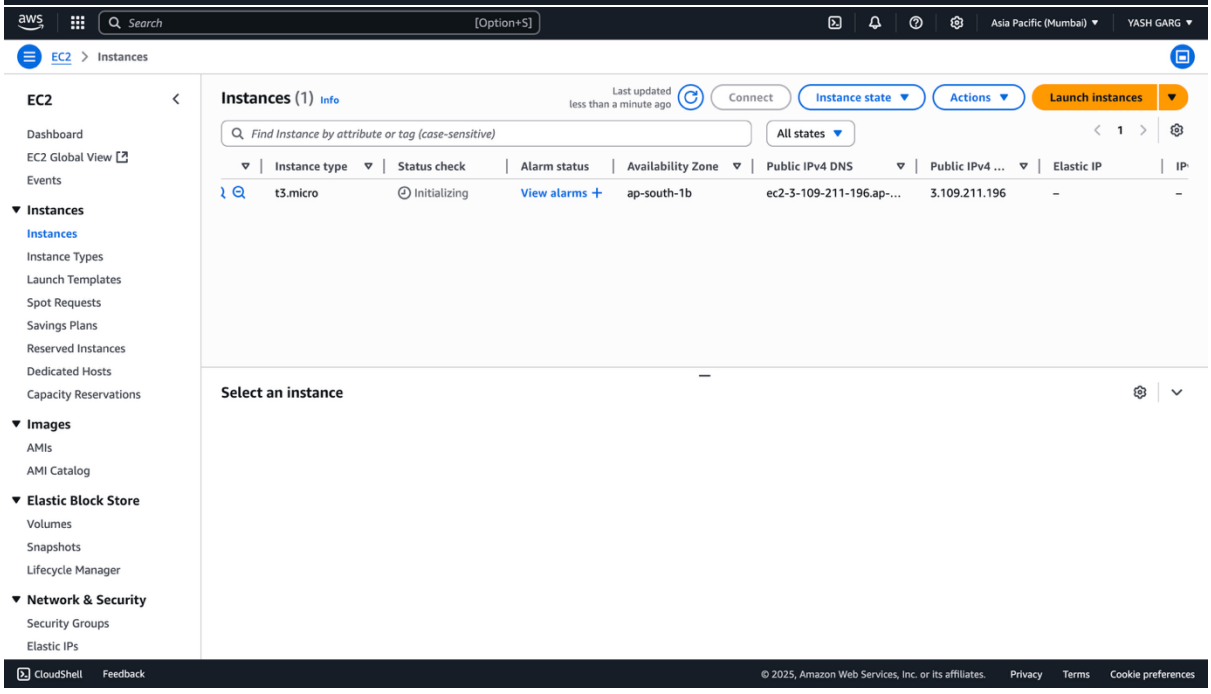
4) Setting up mysql and performing crud operations





5) Migrating from one region to another using AMI





Q2. Set up an S3 bucket in AWS, ensuring the name is globally unique. Upload your

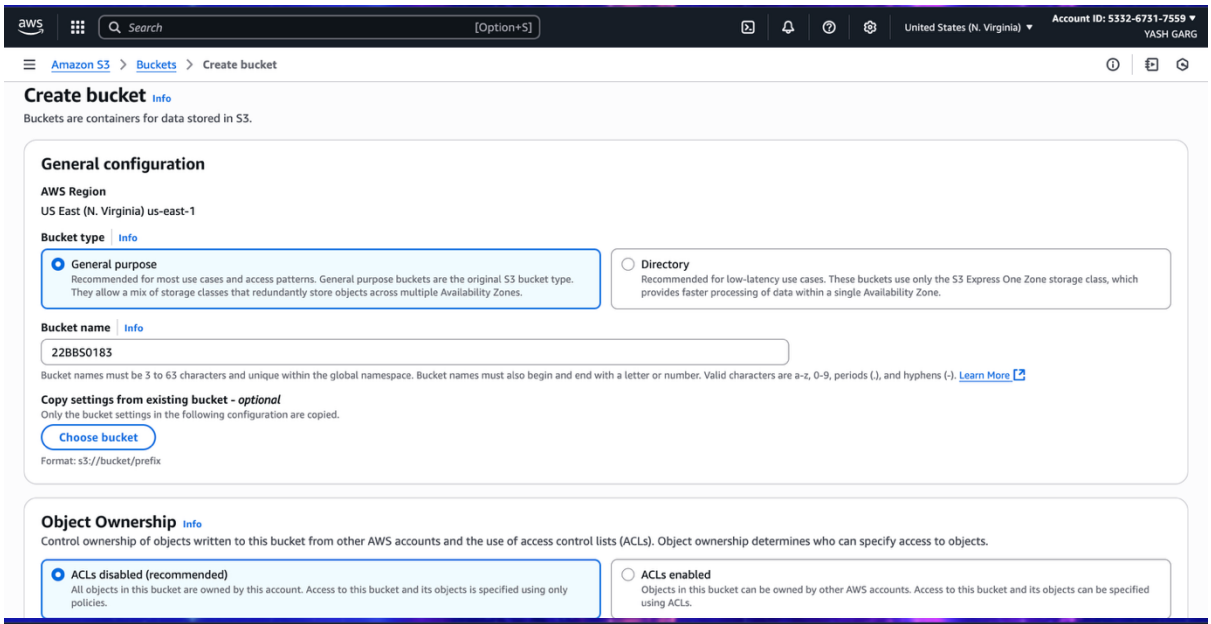
static website files (HTML, CSS, JavaScript, etc.) to this bucket. Enable static

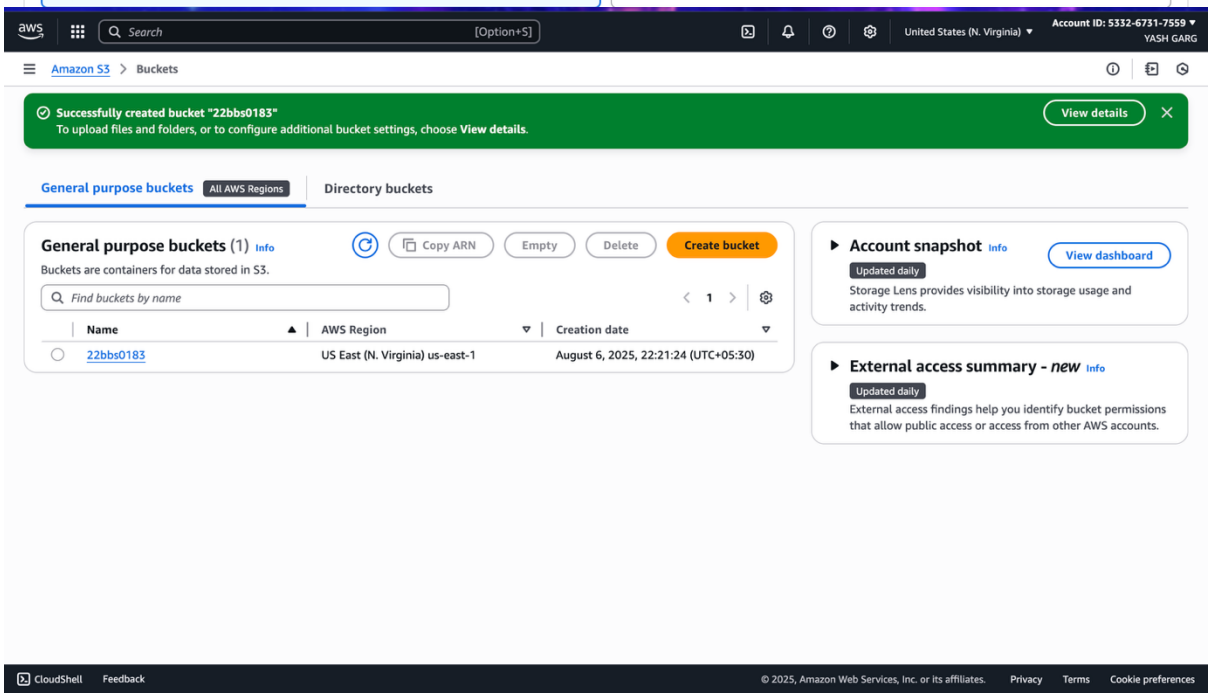
website hosting in the S3 bucket properties and configure the documents. Apply the

necessary bucket policy to make your site publicly accessible. Also, enable

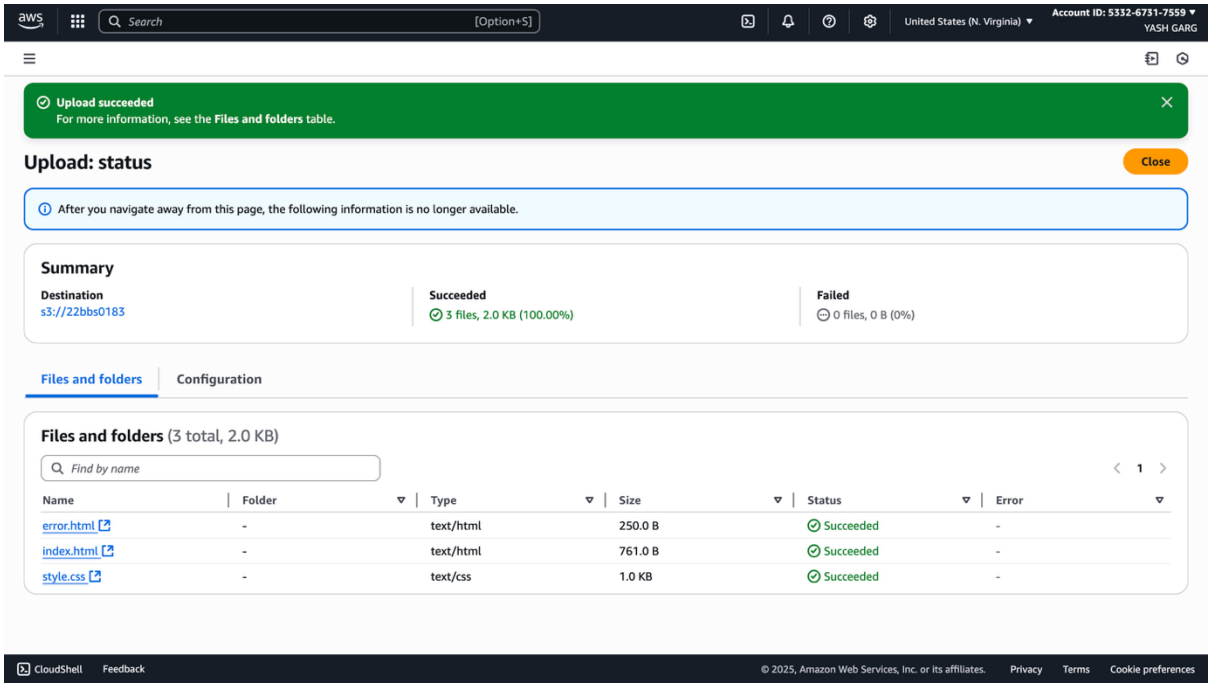
versioning on the bucket to maintain previous versions of your website files.

creating s3 bucket

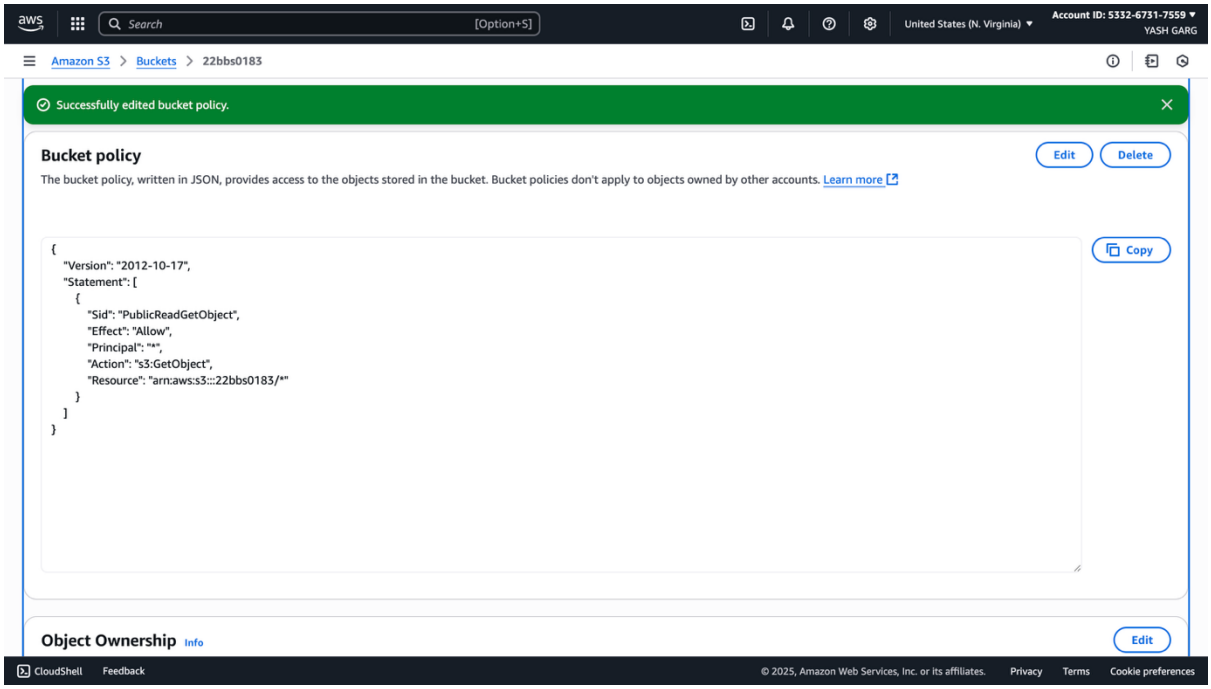




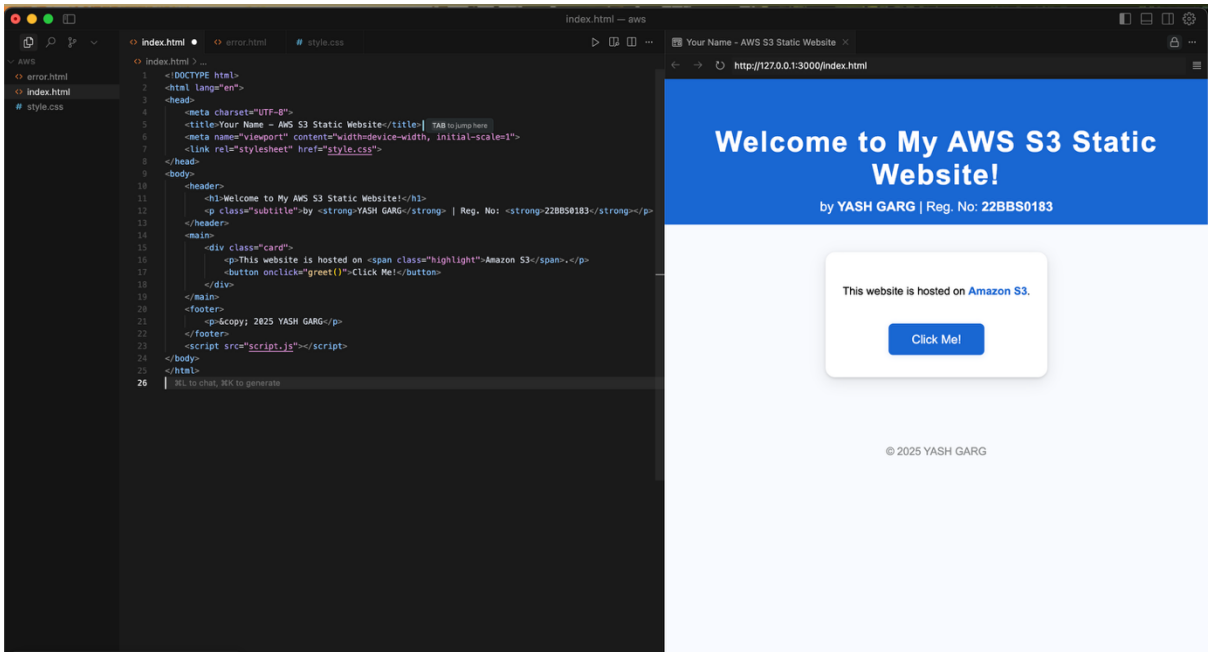
Uploading files to the bucket



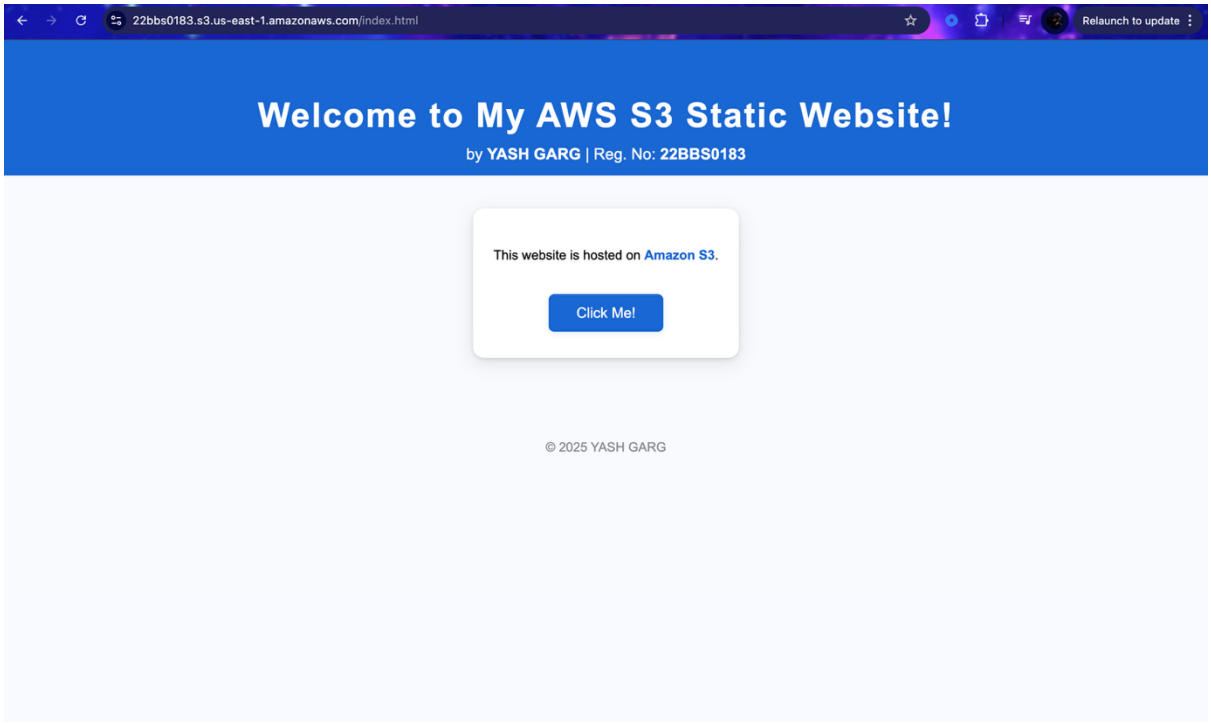
Updating bucket policy



Website preview with code



Hosted on aws server



Thank You