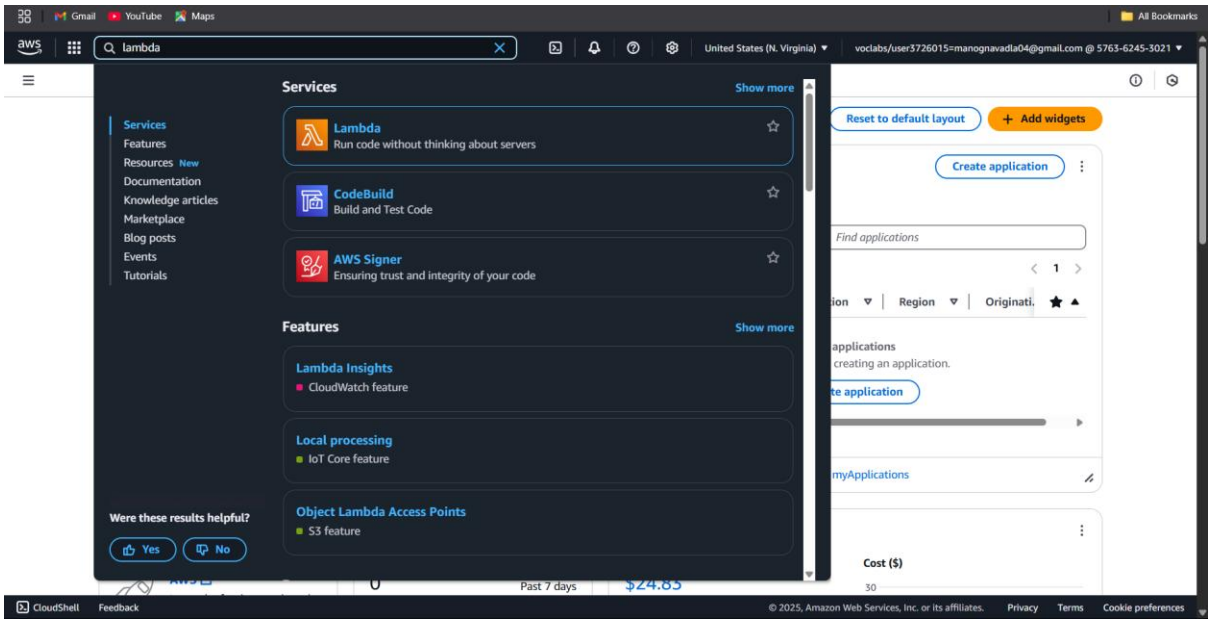
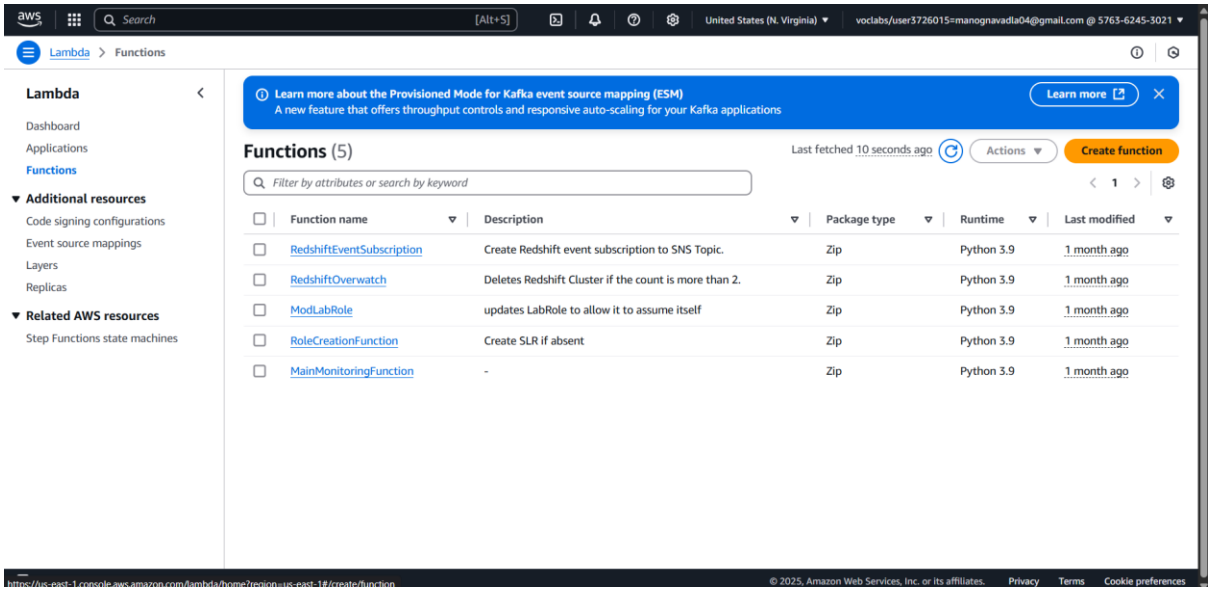
Lambda

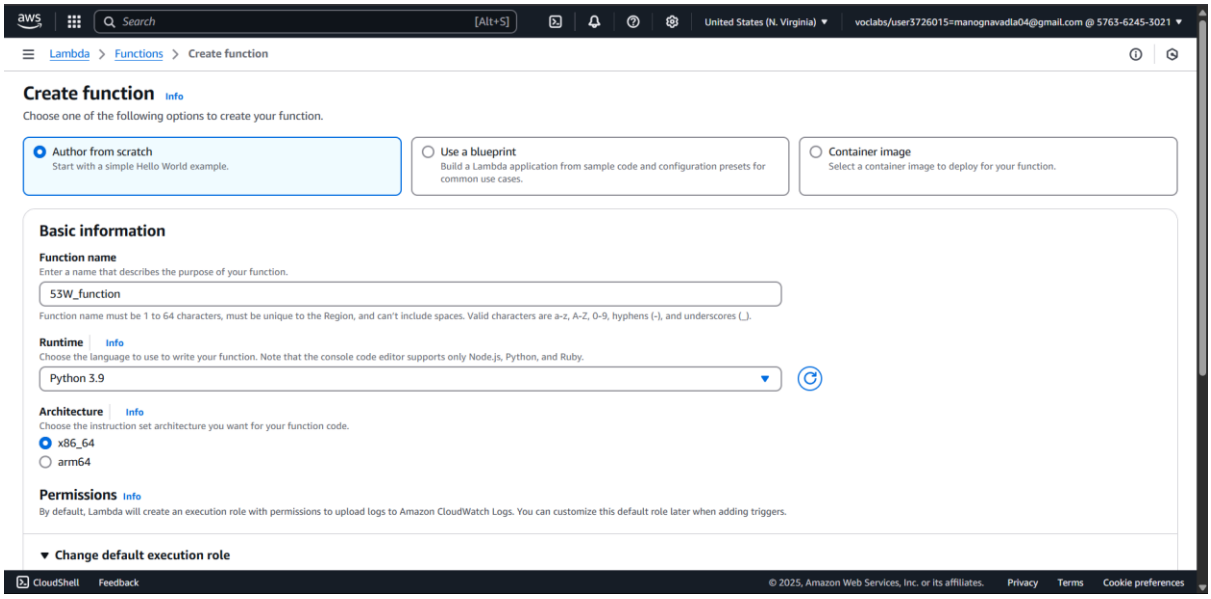
In the Aws dashboard search for lambda

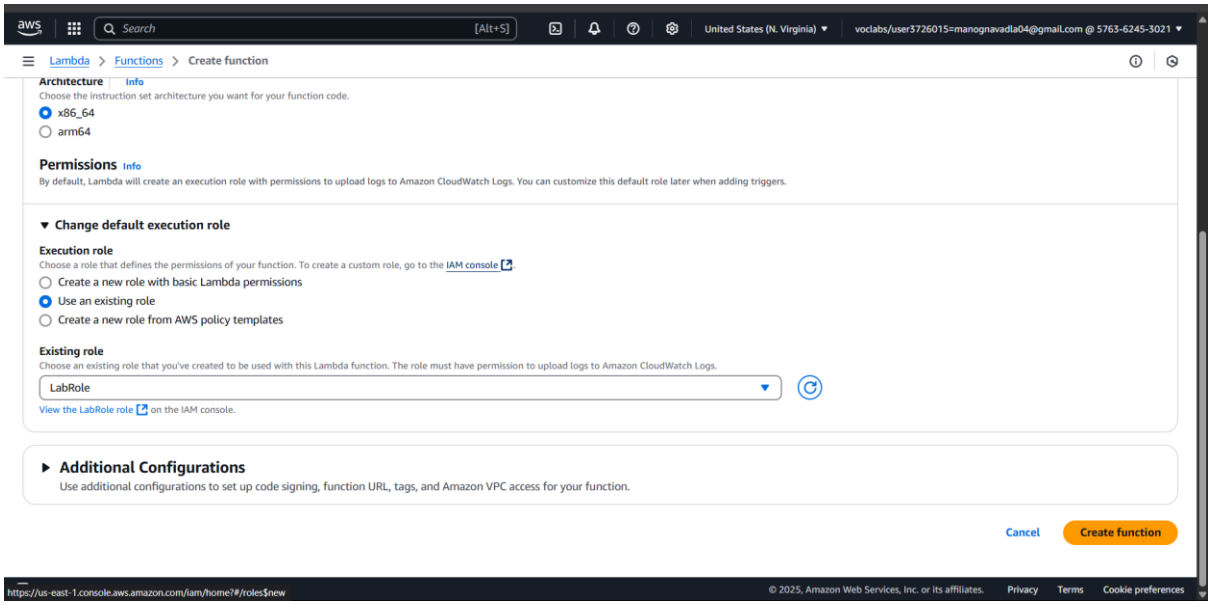


click on create function

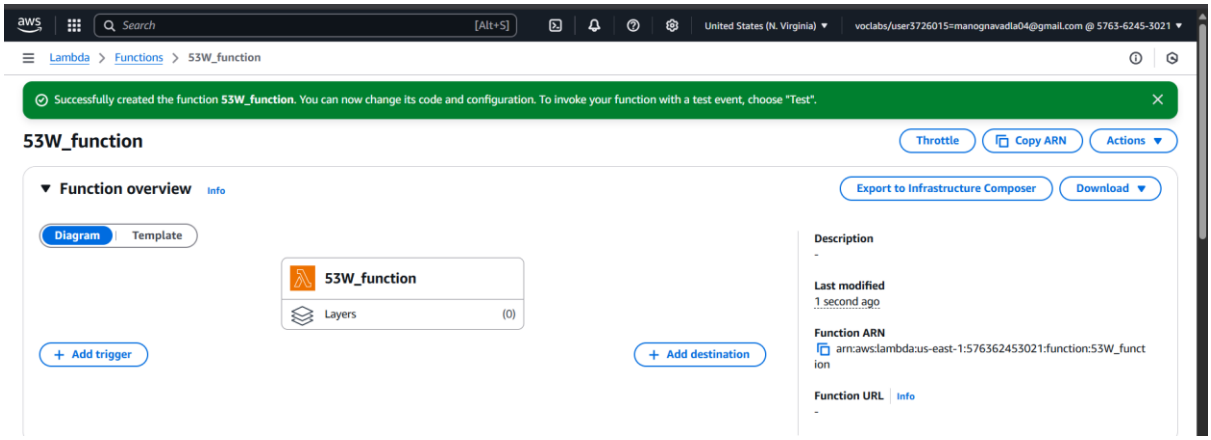


Give a function name(53W_function) , select the required runtime(python 3.9) and Select use an existing role and set it as “LabRole” then click on create function



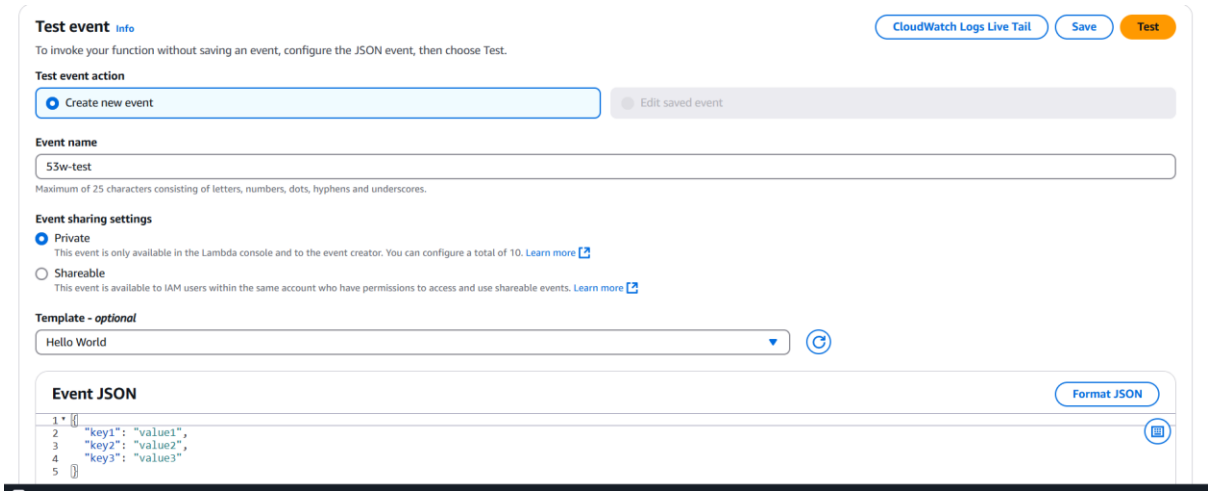


Lambda function created successfully

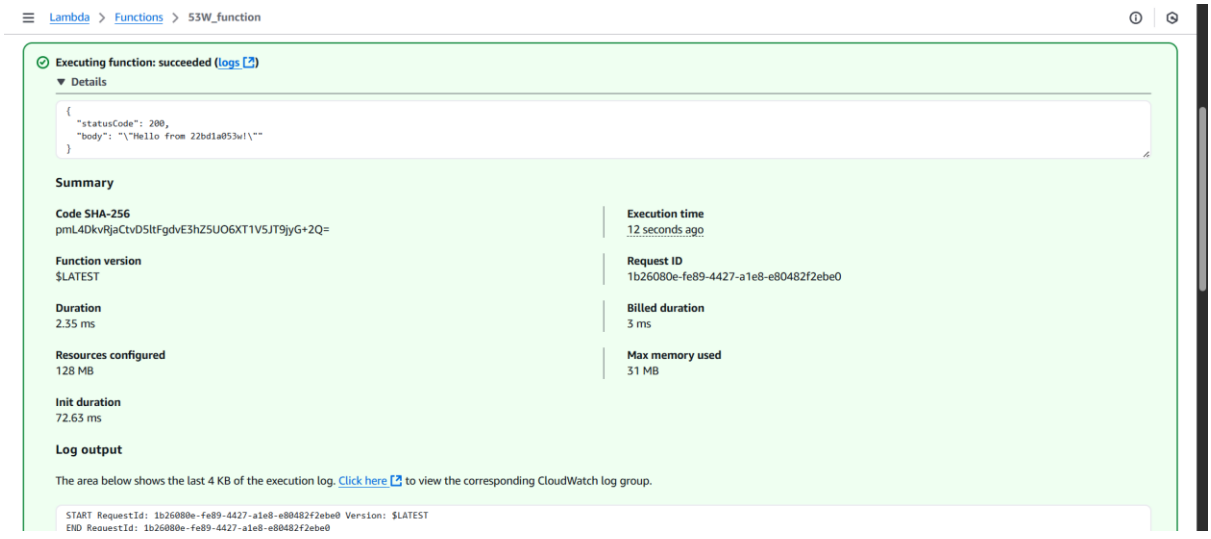


Change the lambda_function.py and click on deploy

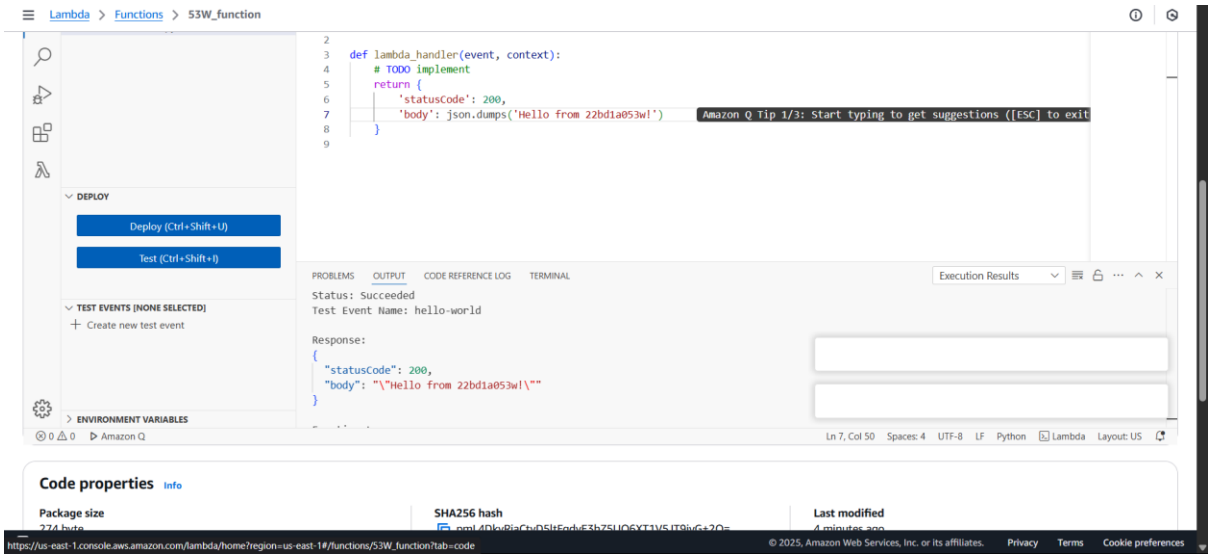
After the deployment is successful, in the tests section, create a new test and click on test to run the test



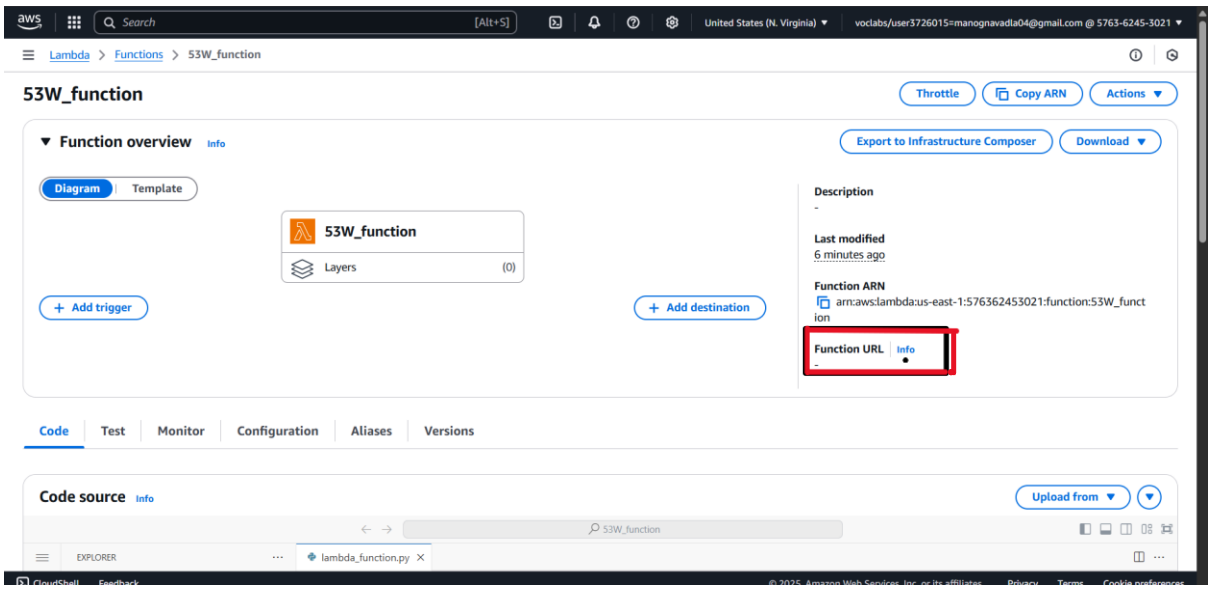
Test was successful



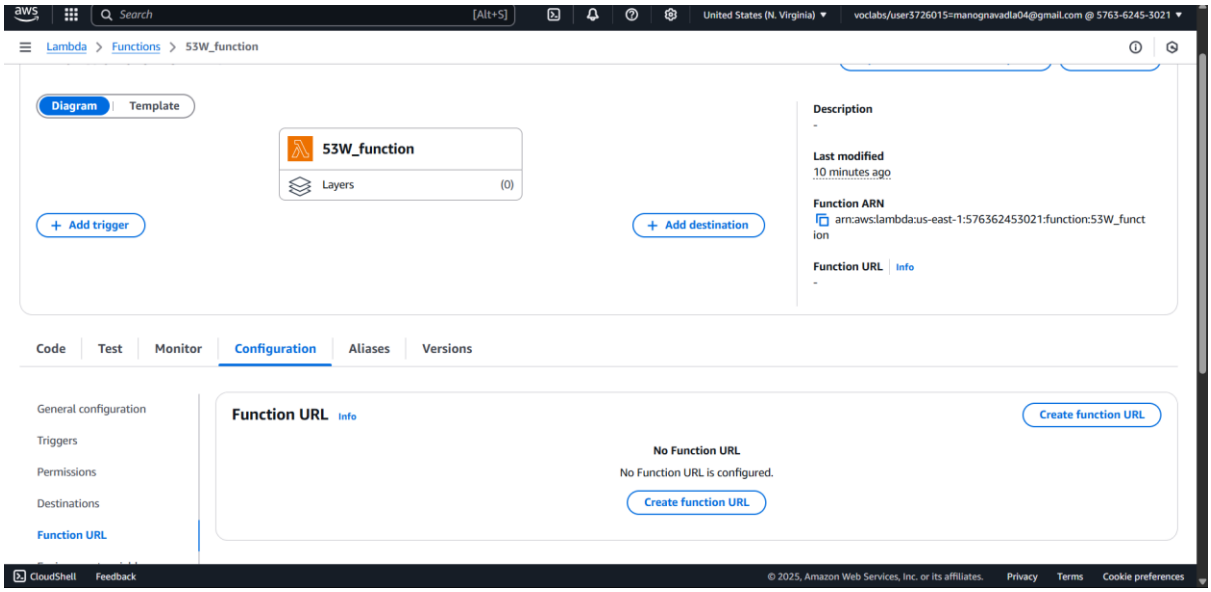
We can see the output in the code section



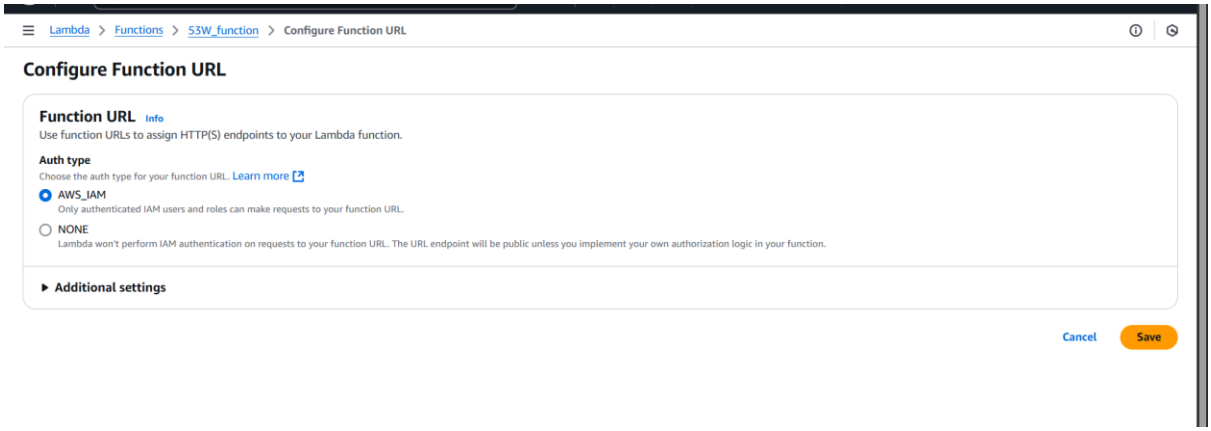
We cannot see the function url



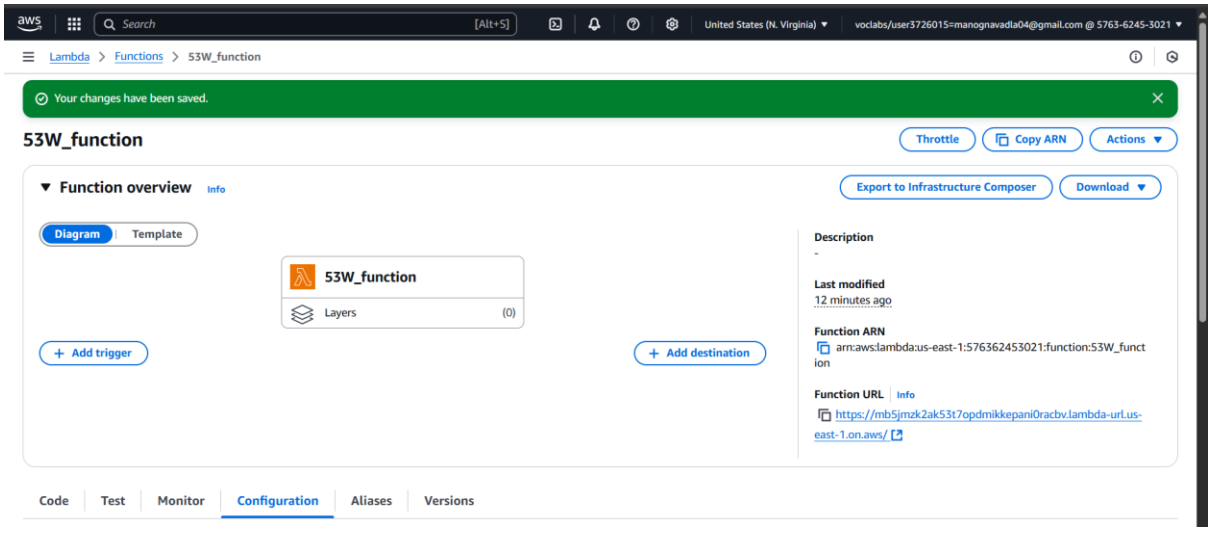
So inorder to create the function url, move to configuration section and in the function url , click on create new function url



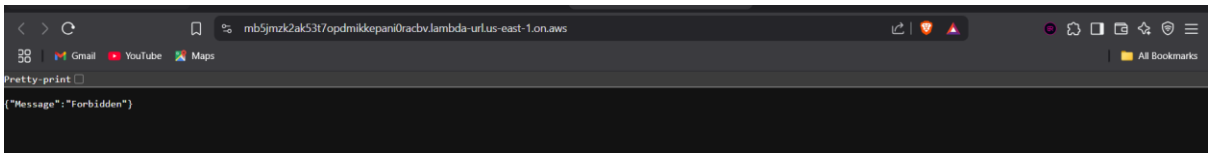
Select AWS_IAM and click on save



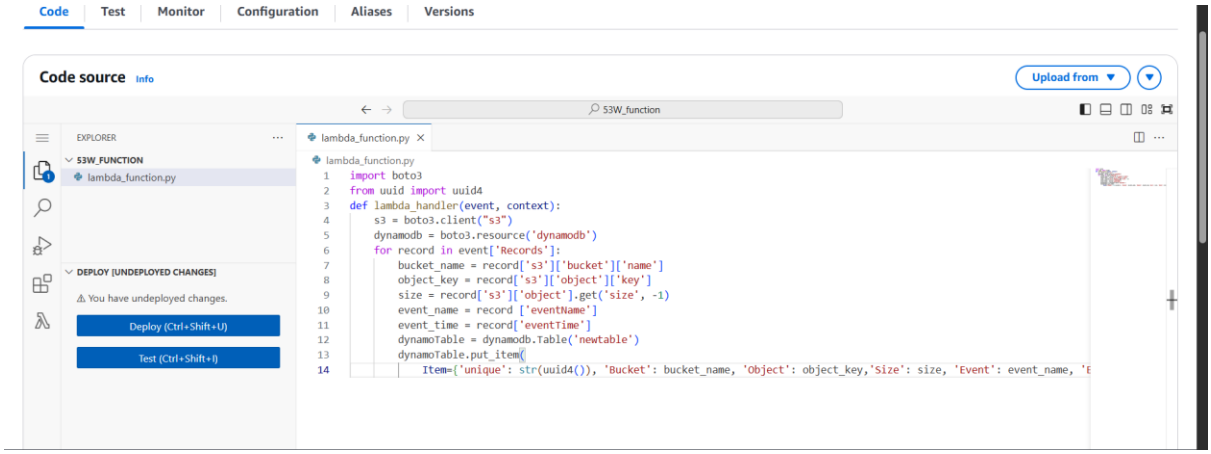
We can see that the Funtion url is now created



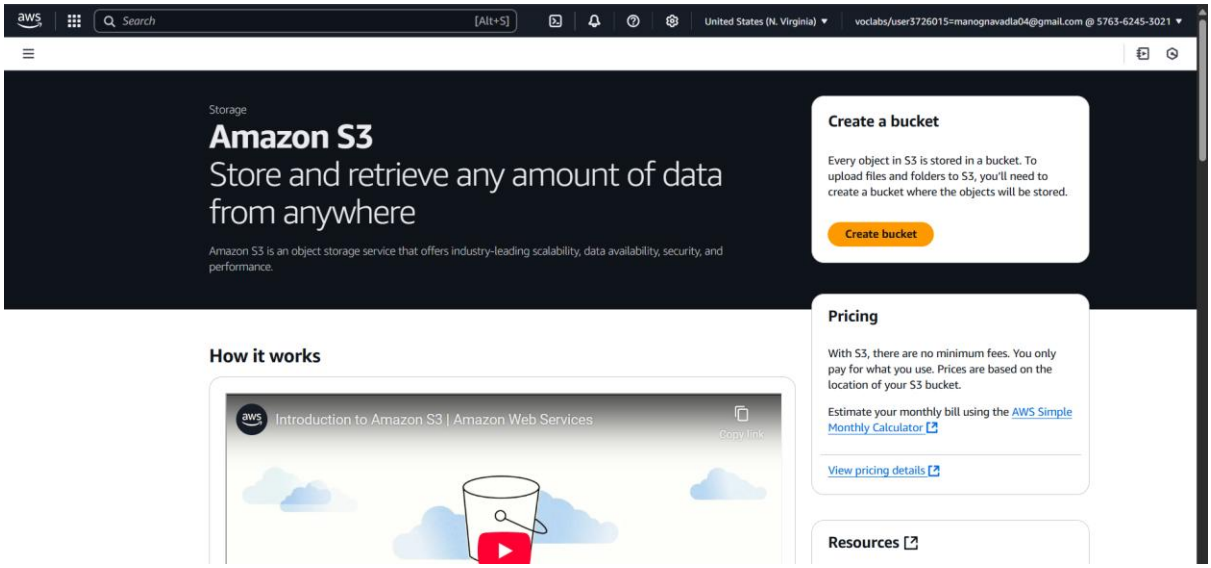
When the link is opened, we get error



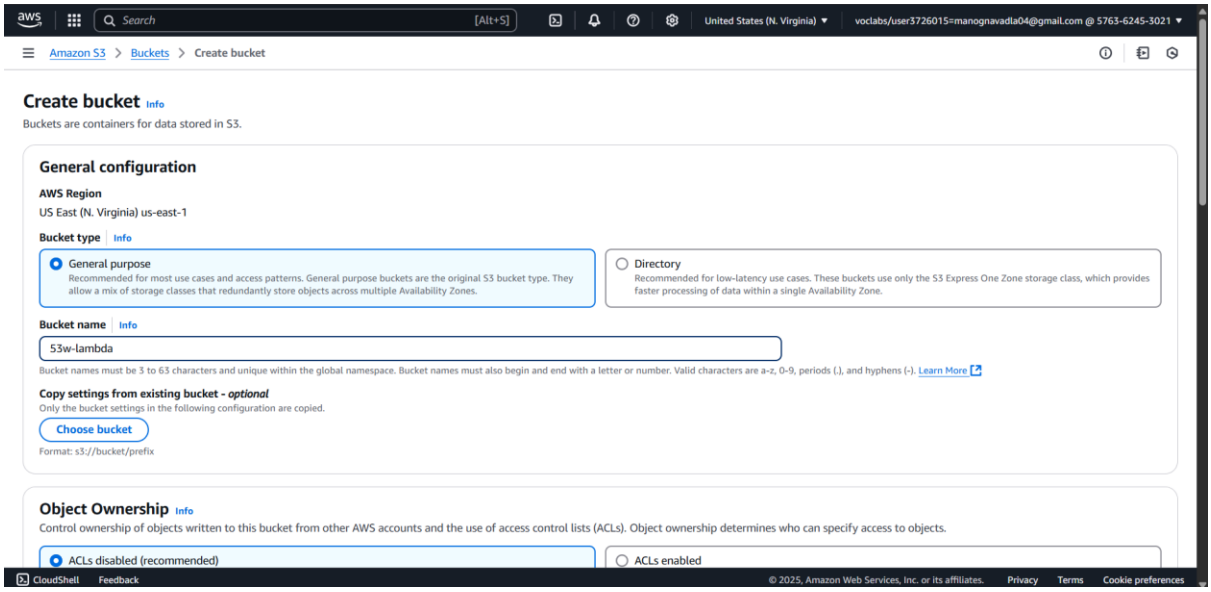
Now copy the code from github, And paste it into the code source part



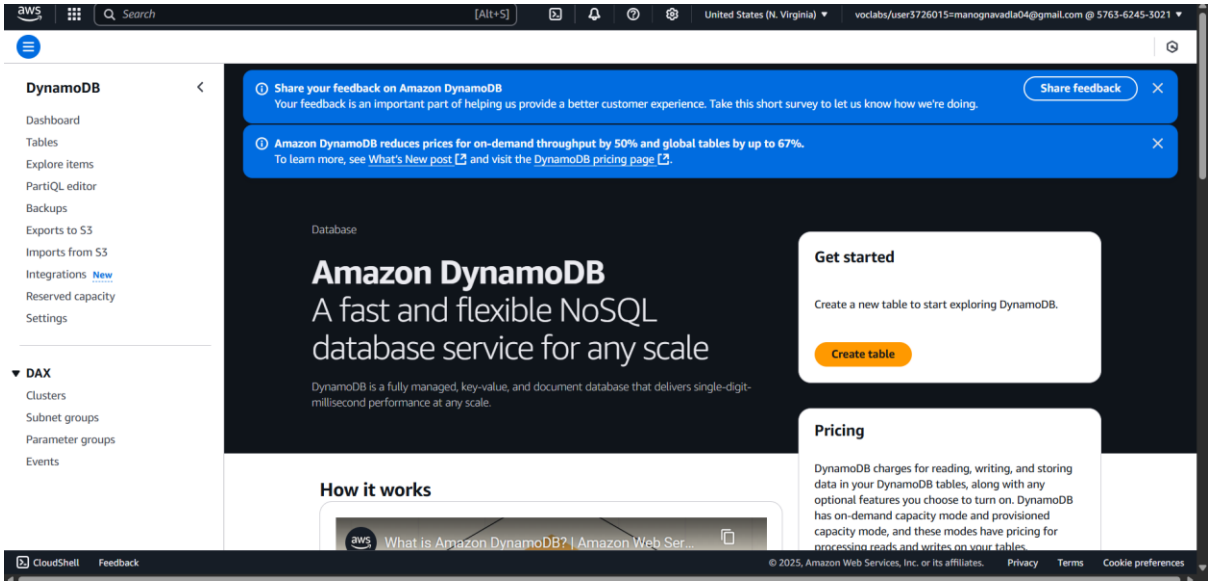
Navigate to S3 bucket service on AWS console and click on create bucket



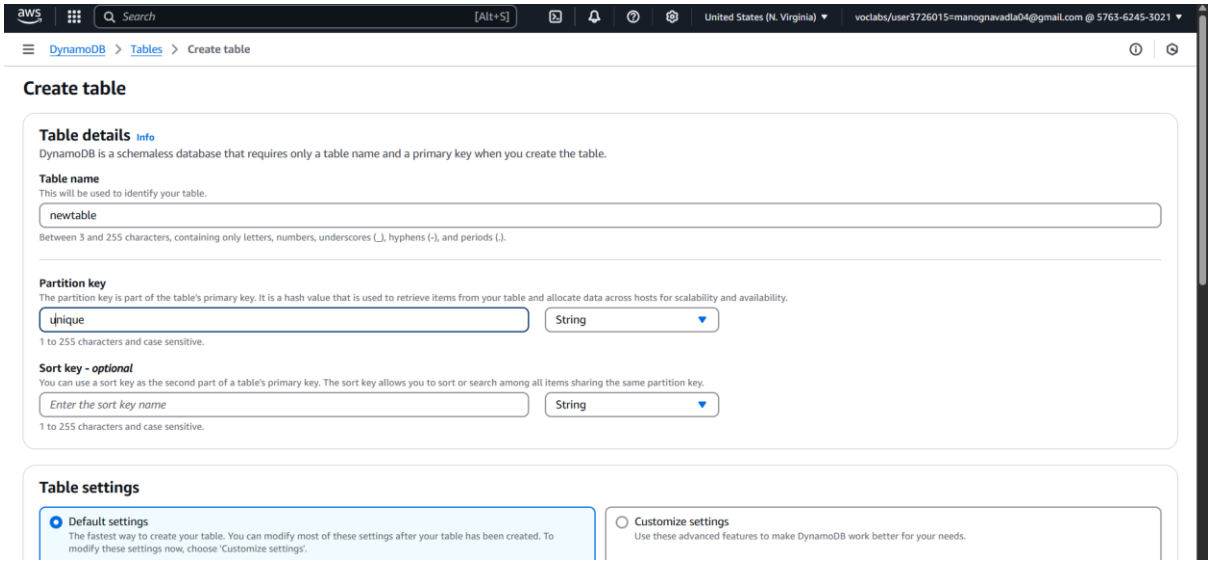
Now create a s3 bucket, with default config(53w-lambda)



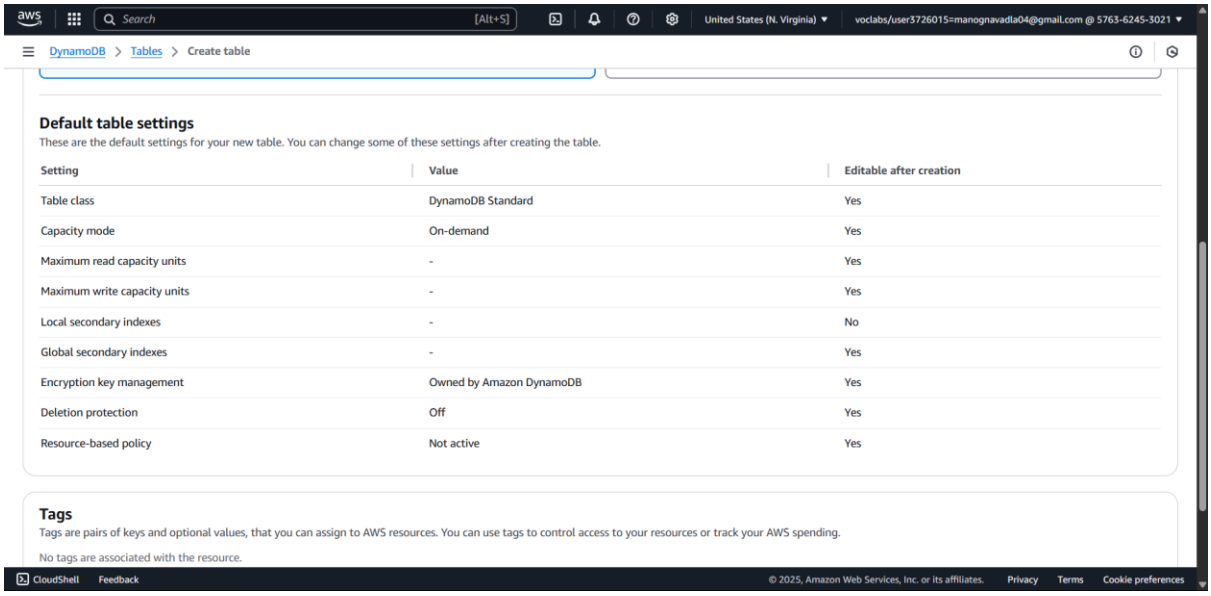
Now navigate to DynamoDB on AWS console and click on create table



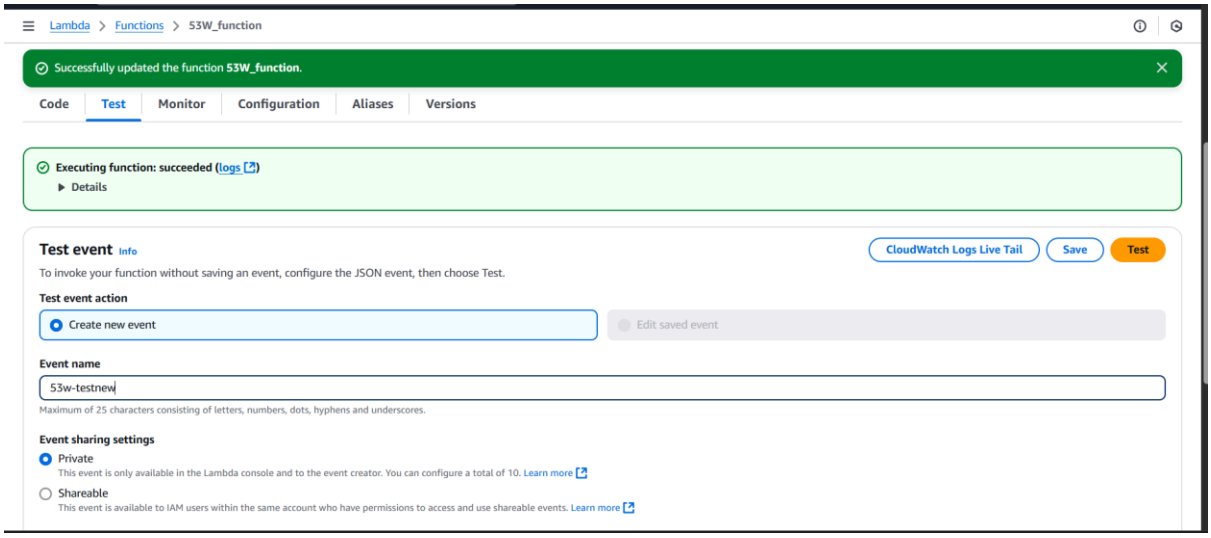
Name the table as “newtable” and set the partition key as “unique”



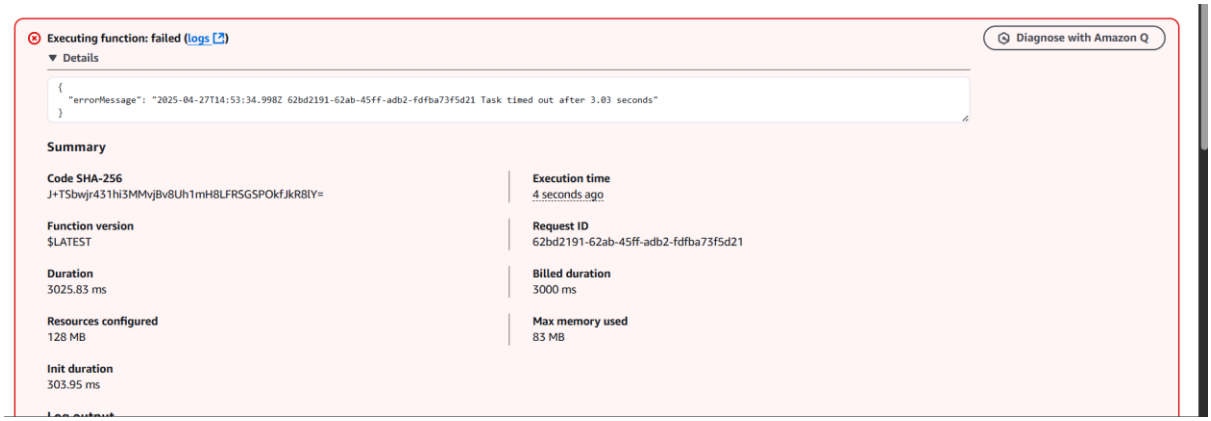
And leave the rest of the settings as default and then click on create table



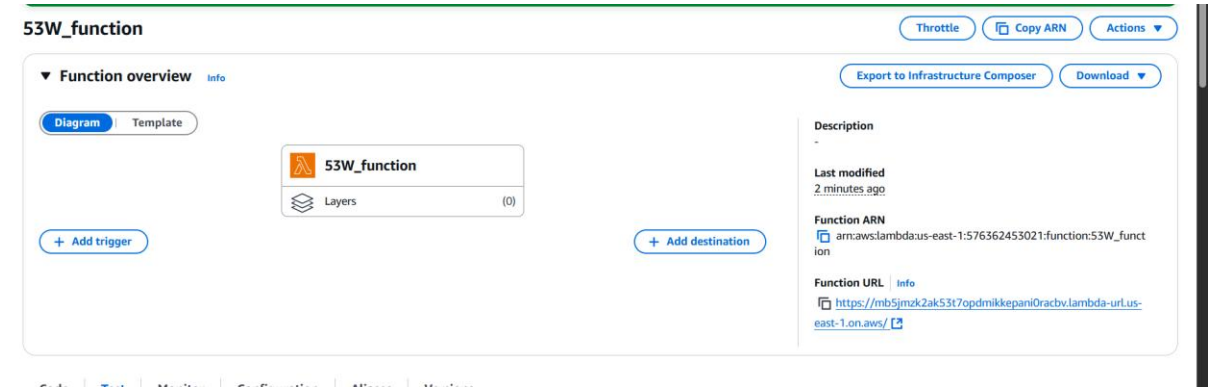
Now deploy the new code and create a new test and test the code



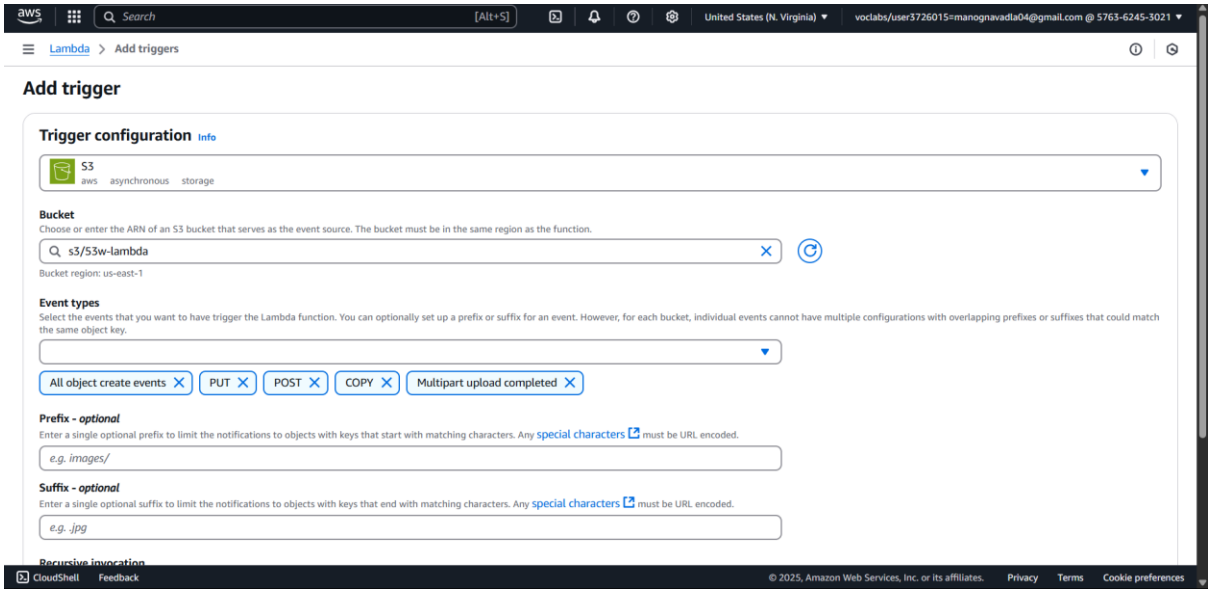
We can see the errors after the test is executed



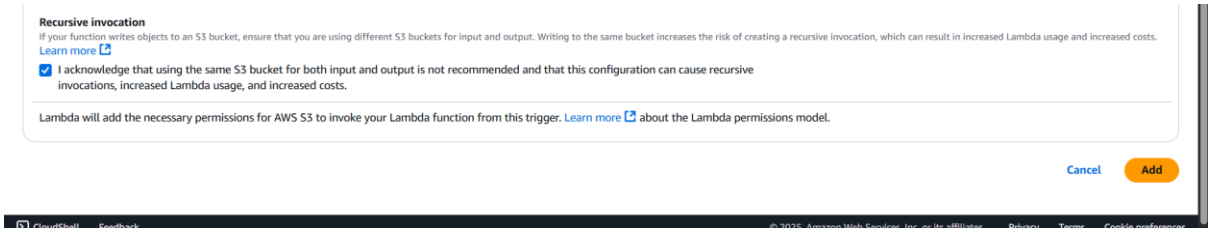
In order to make sure no errors occur, we need to create triggers accordingly



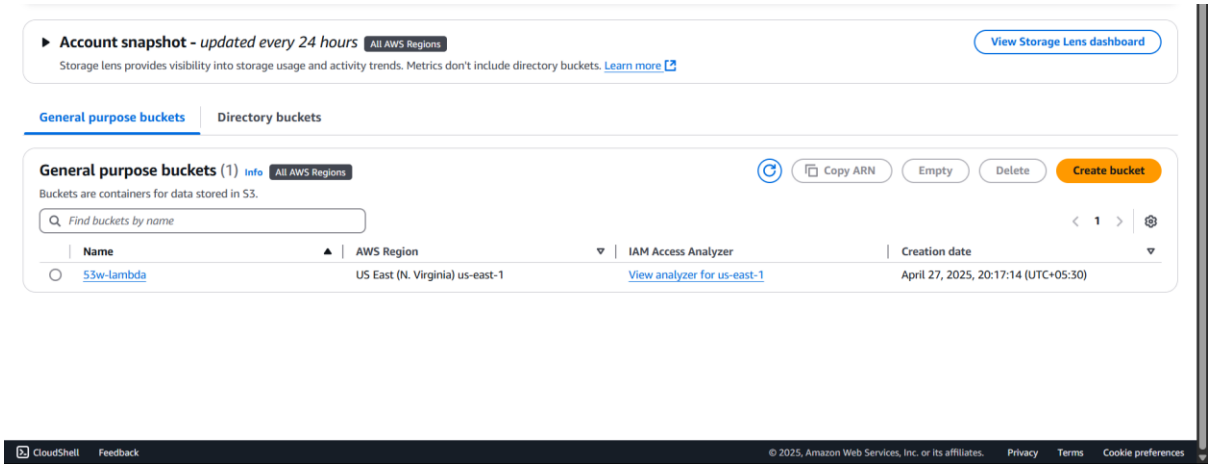
Select S3 as the trigger source



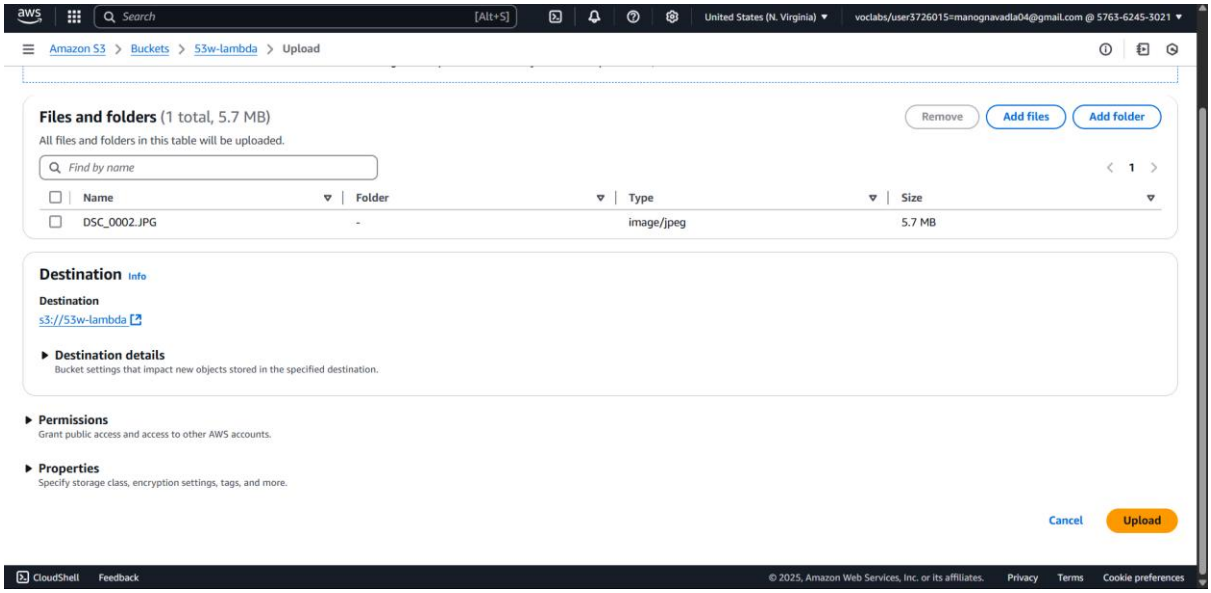
Select the checkbox and click on add



Now go to the s3 bucket that we created

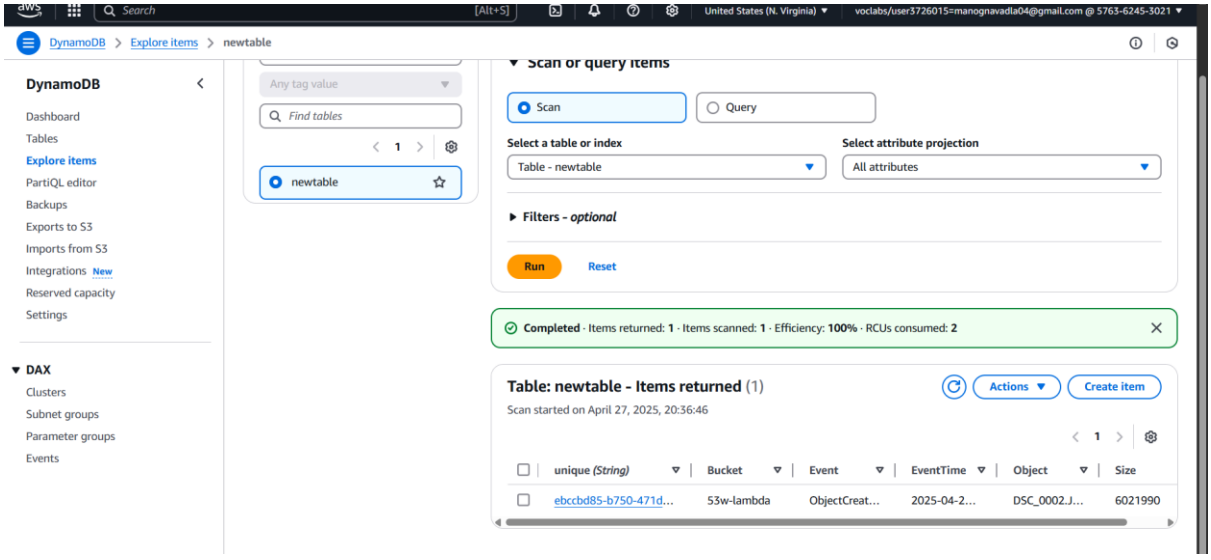


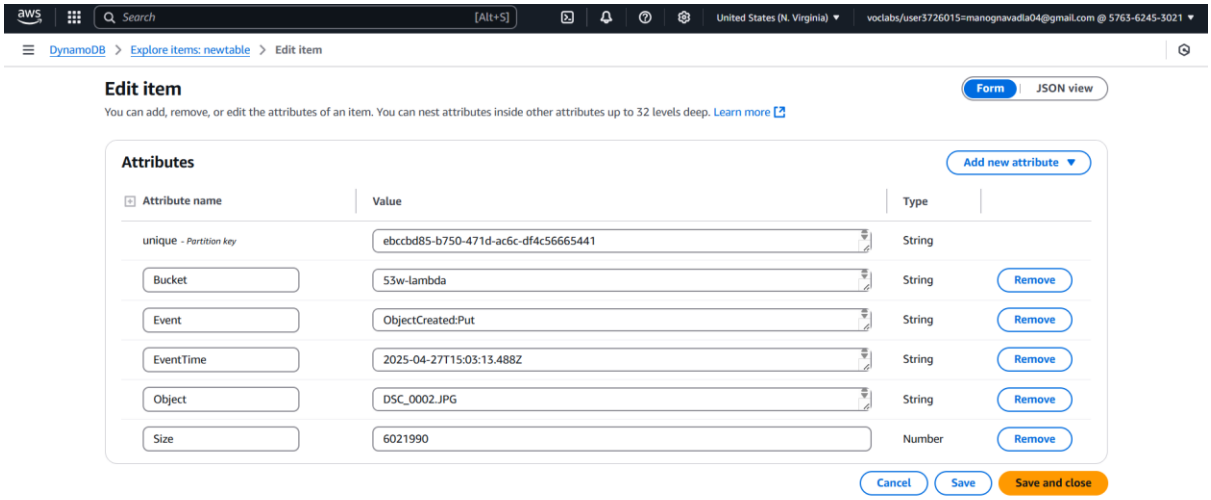
click on upload And upload some file into it



Upload successful

Now in the table that we created in DynamoDB, in the explore items page we can see that the file that we uploaded in the s3 bucket is reflected here

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