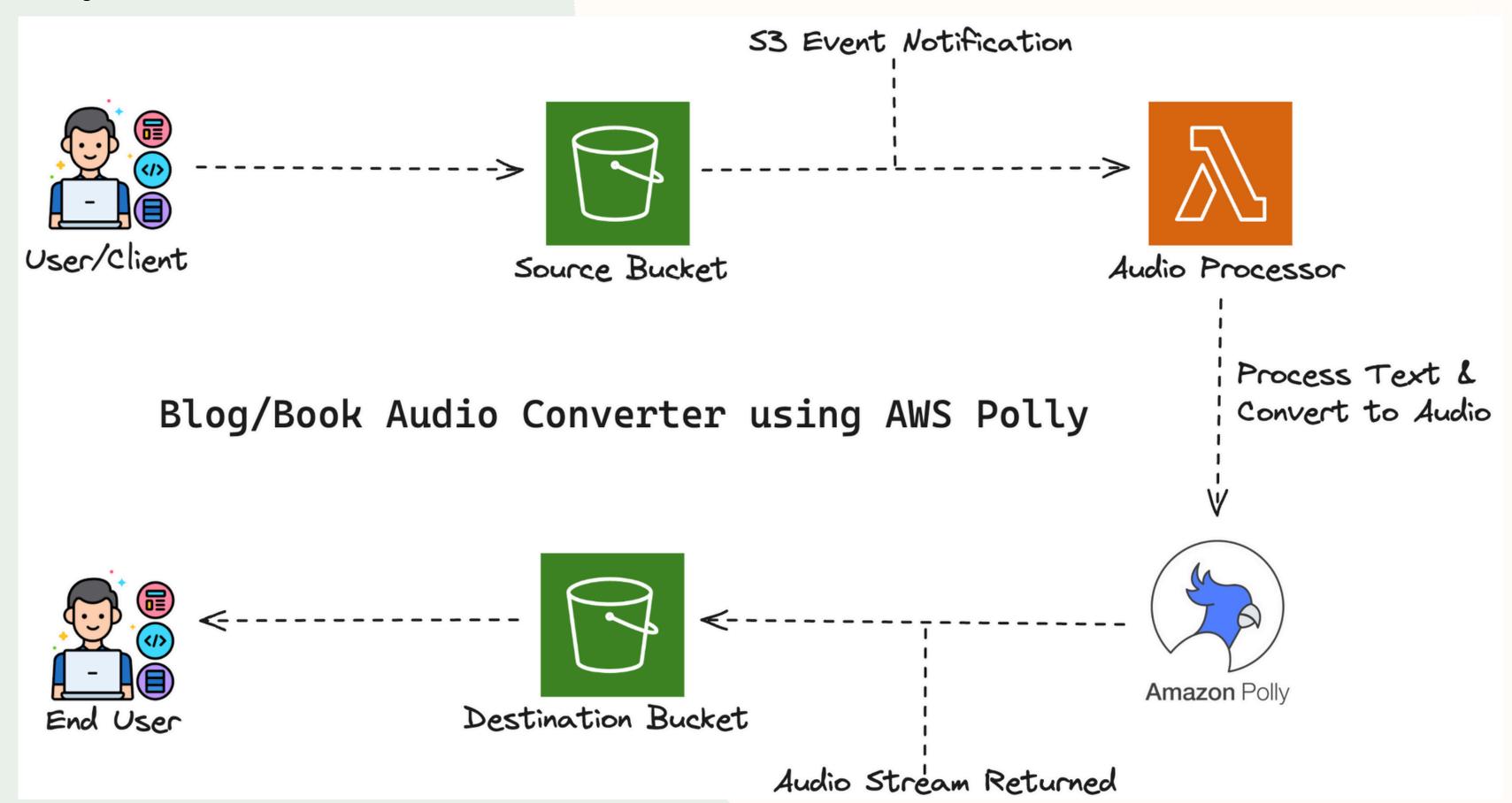
Project on Amazon Polly

Title-:Text to Speech Converter using amazon Polly

Project Architecture



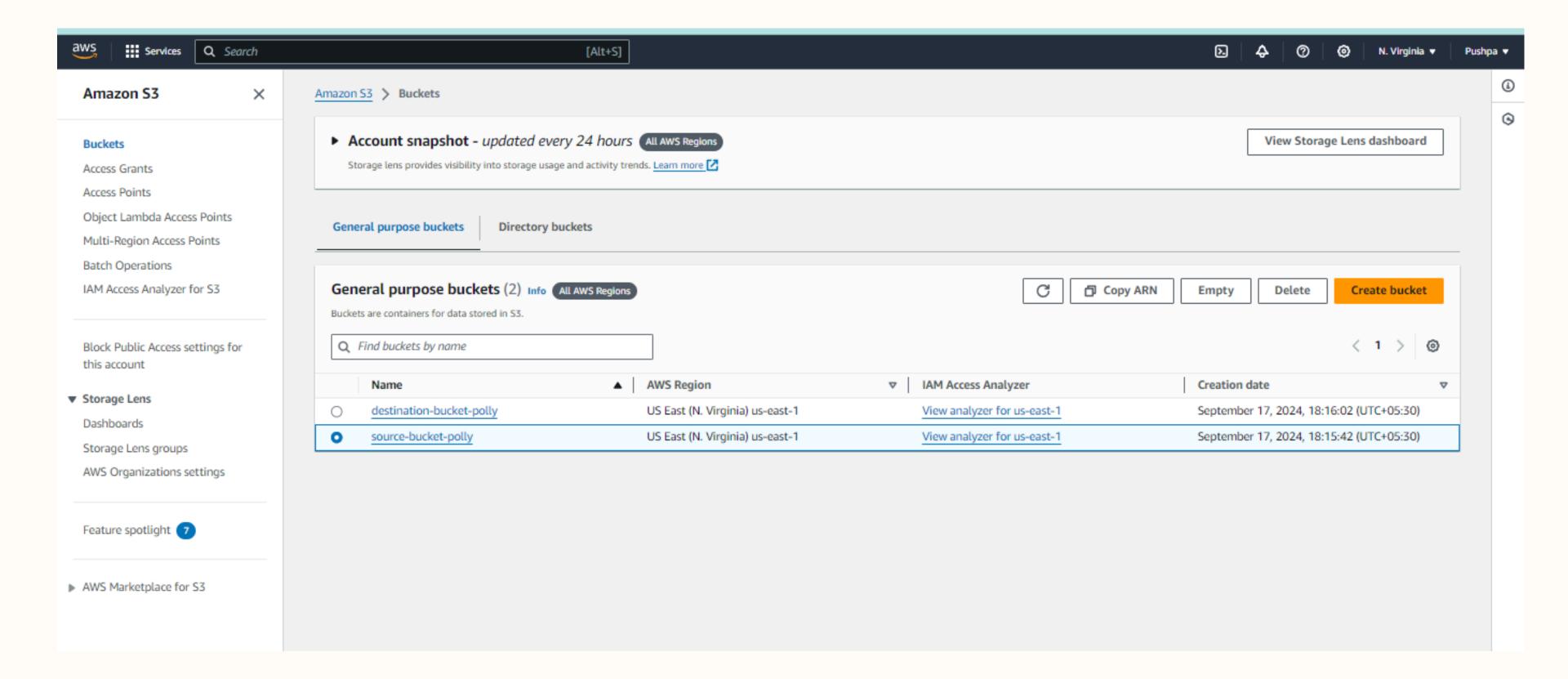
Project Description

This is particularly useful for creating audio versions of written content, making it accessible to a wider audience, including those who prefer listening over reading.

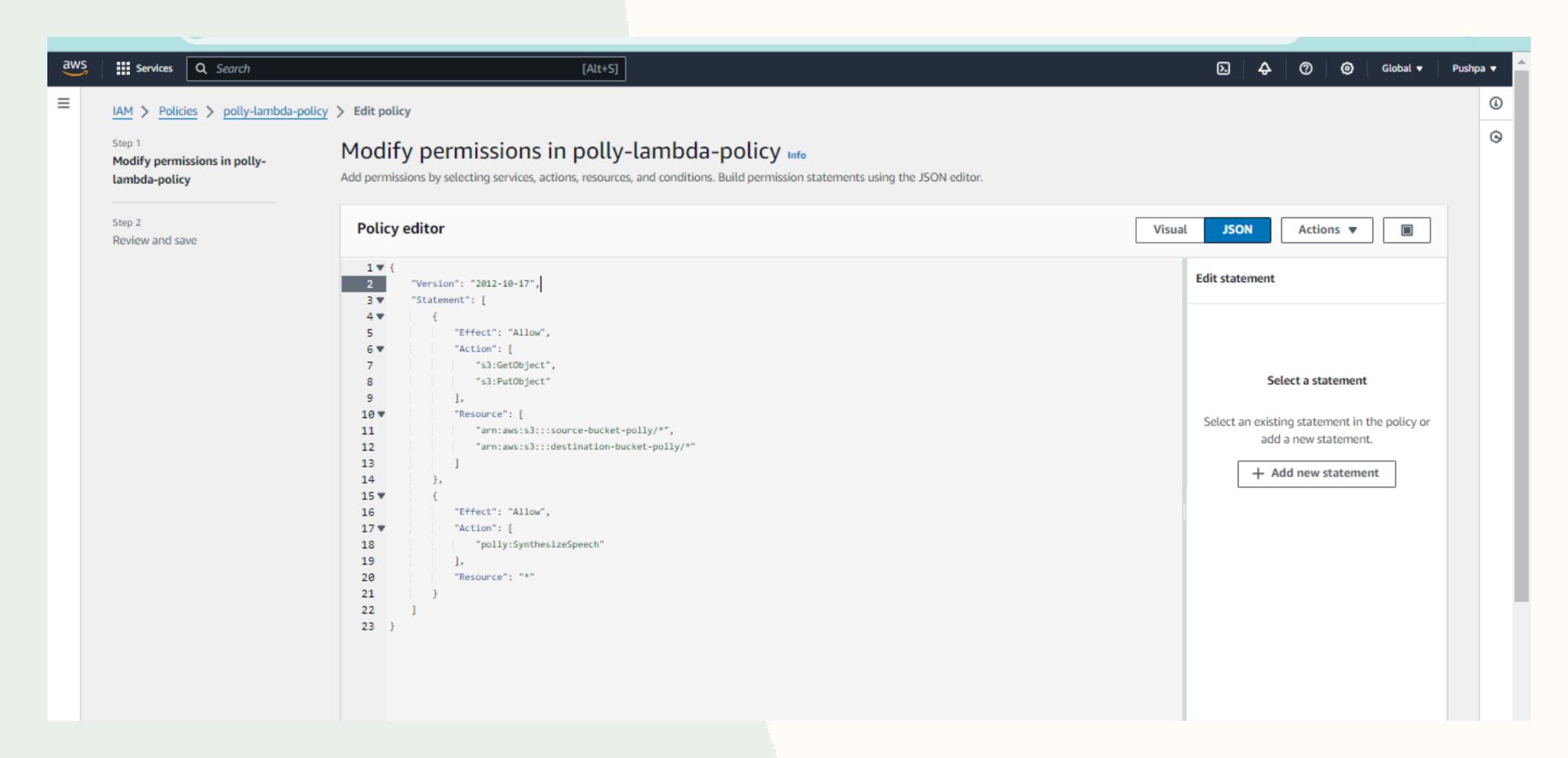
Use cases

- Content Accessibility
- Convenience

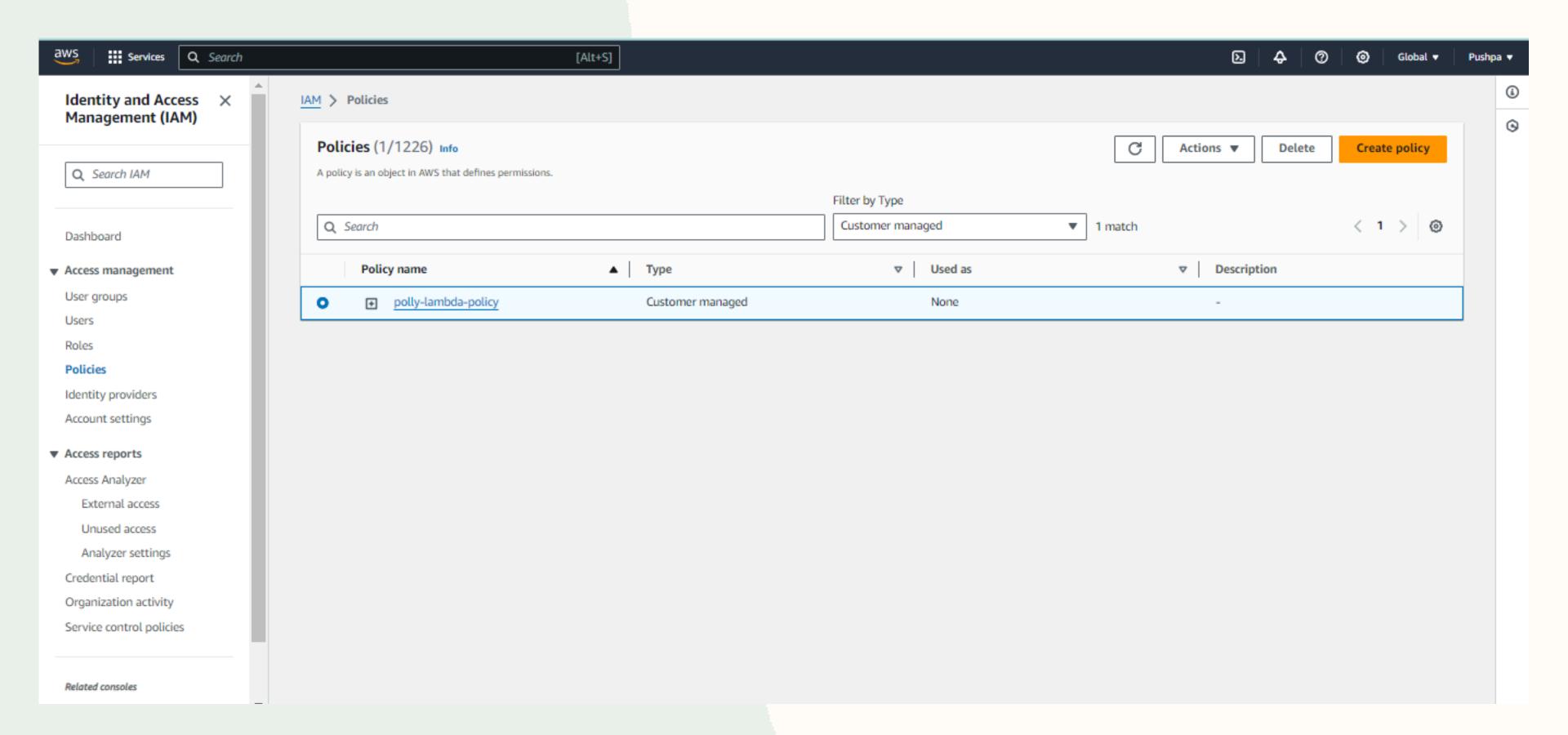
Step 2: Create two S3 Buckets(one for source and other for destination)



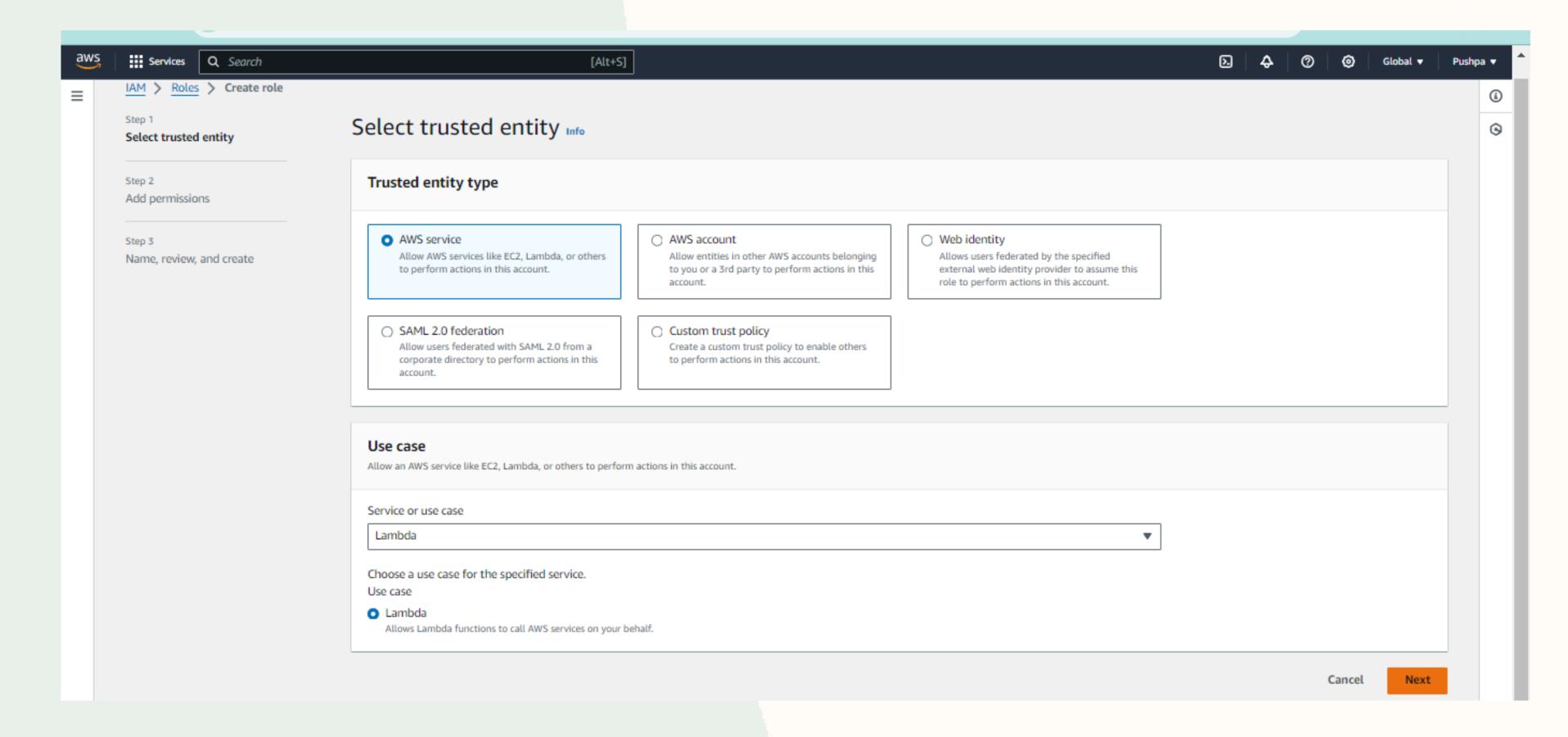
Step 3: Create an IAM Policy

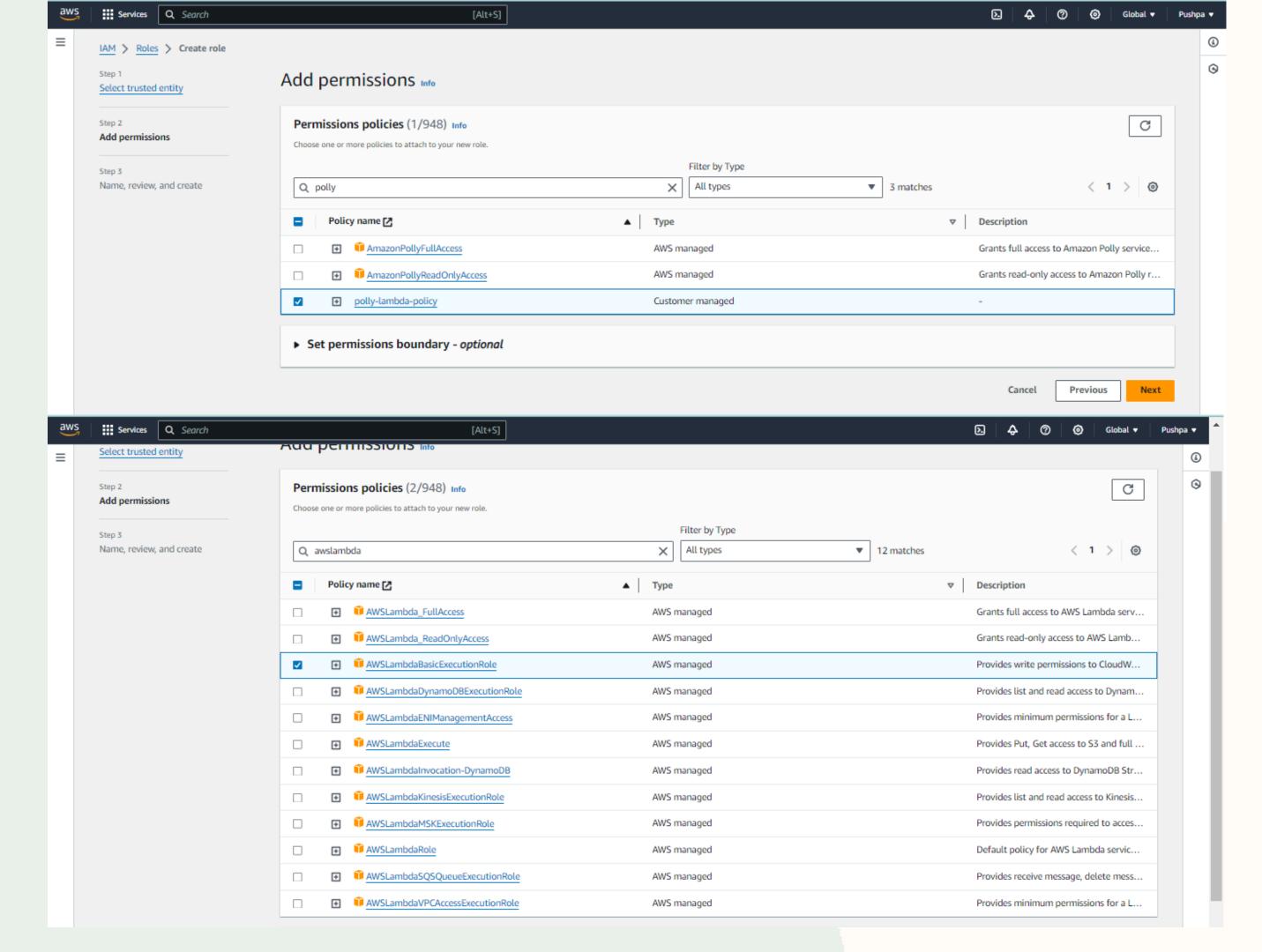


-This is the policy we have created



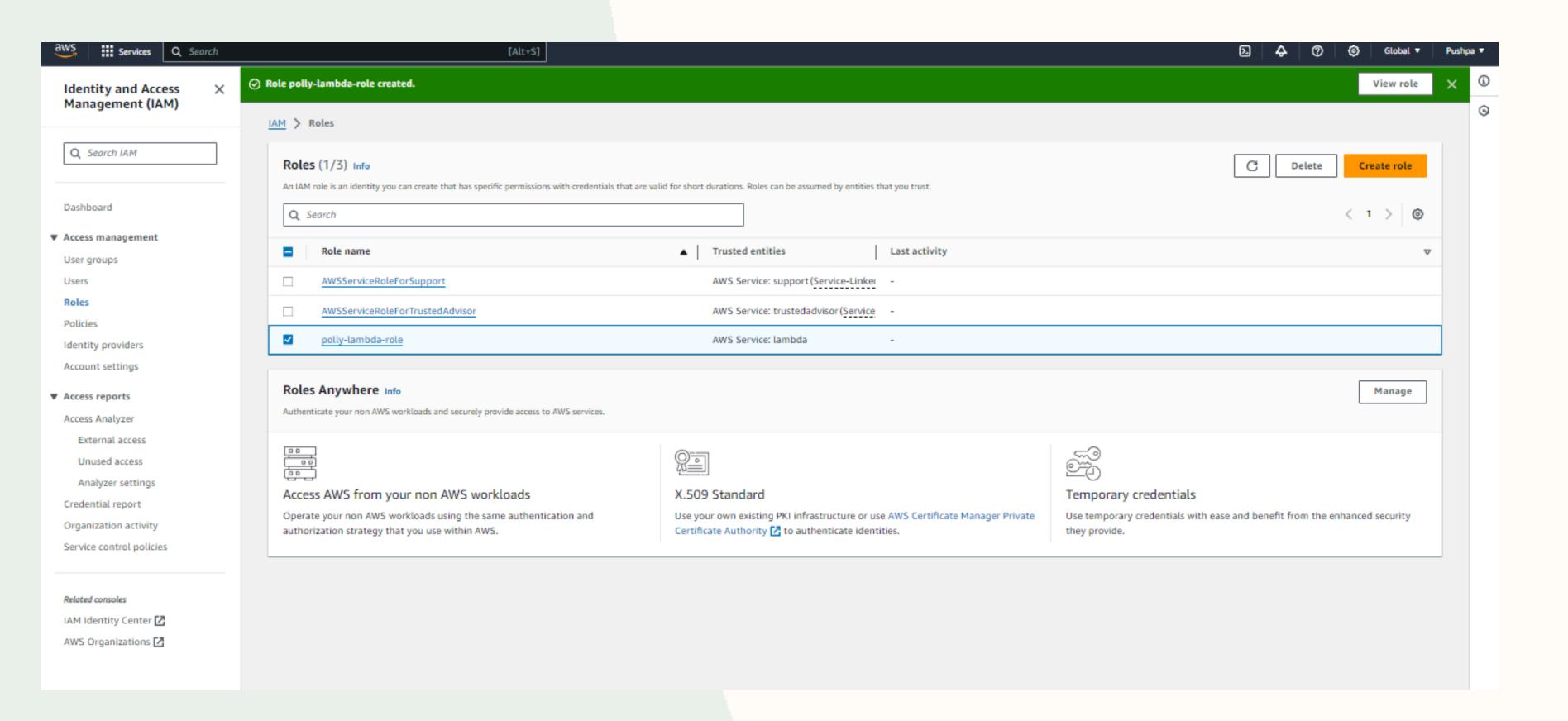
Step 4: Create an IAM Role



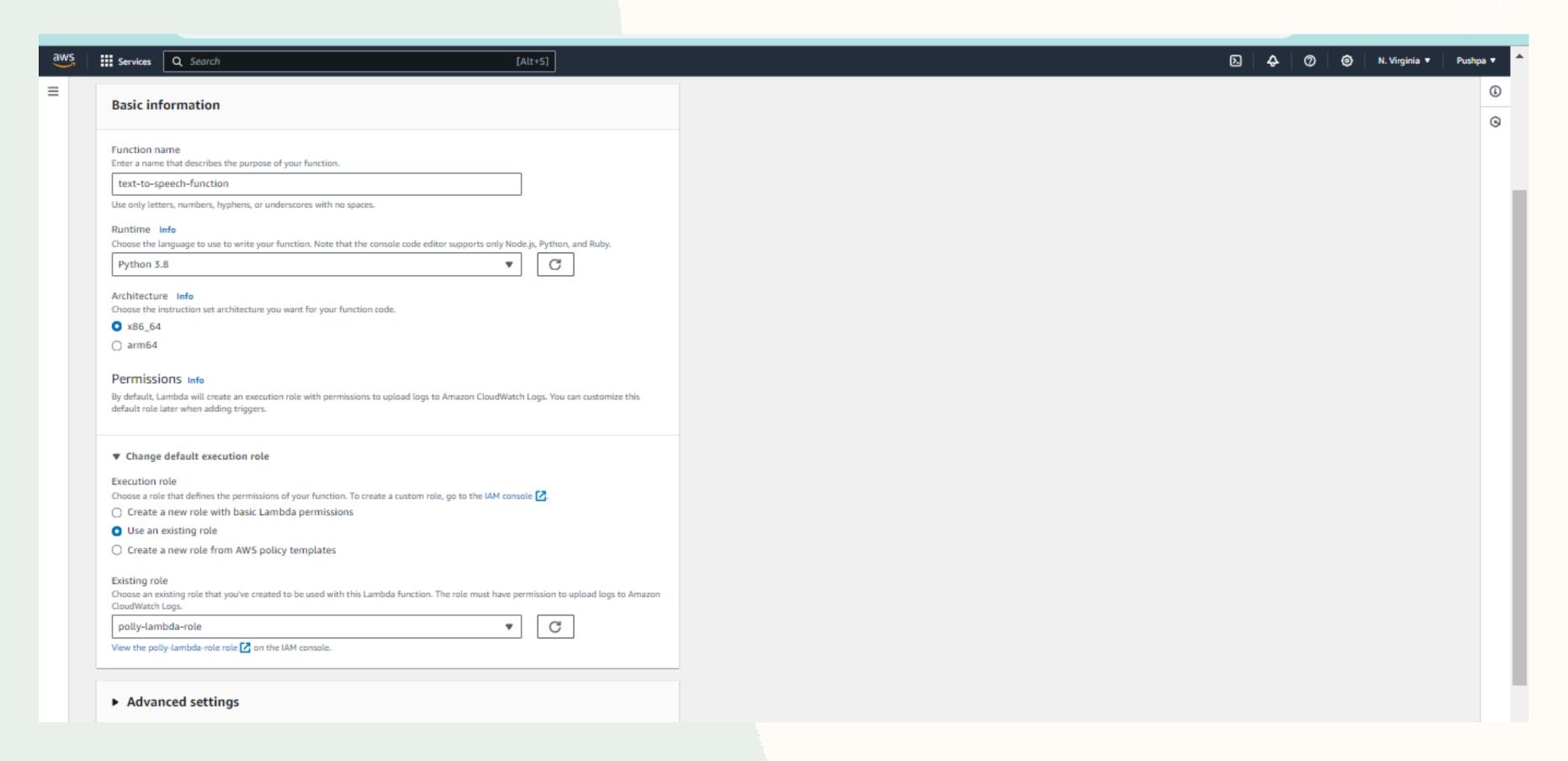


And we are attaching these two policies to the role

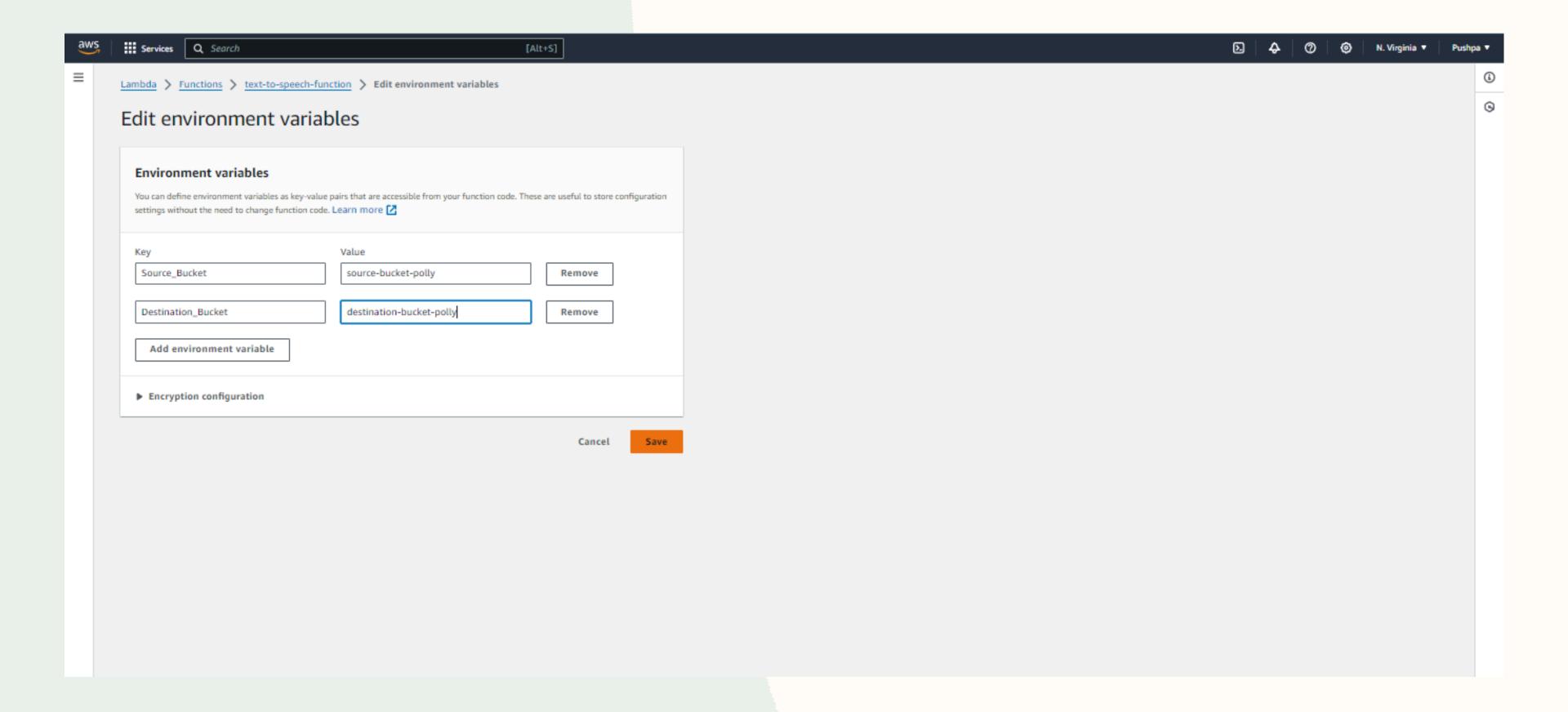
This is the role that we have created



Step 5: Create and Configure the Lambda Function

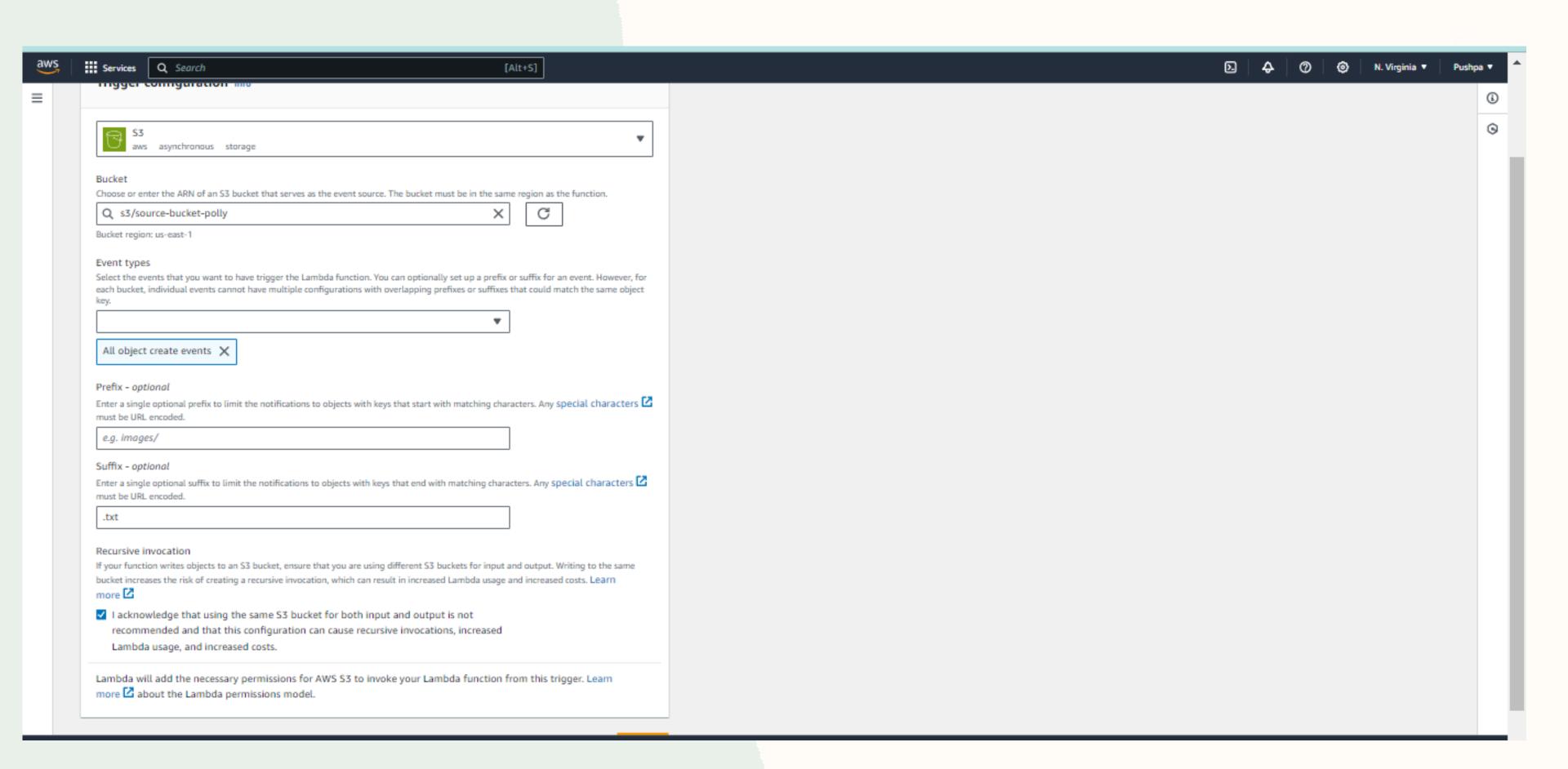


Add Environment Variables

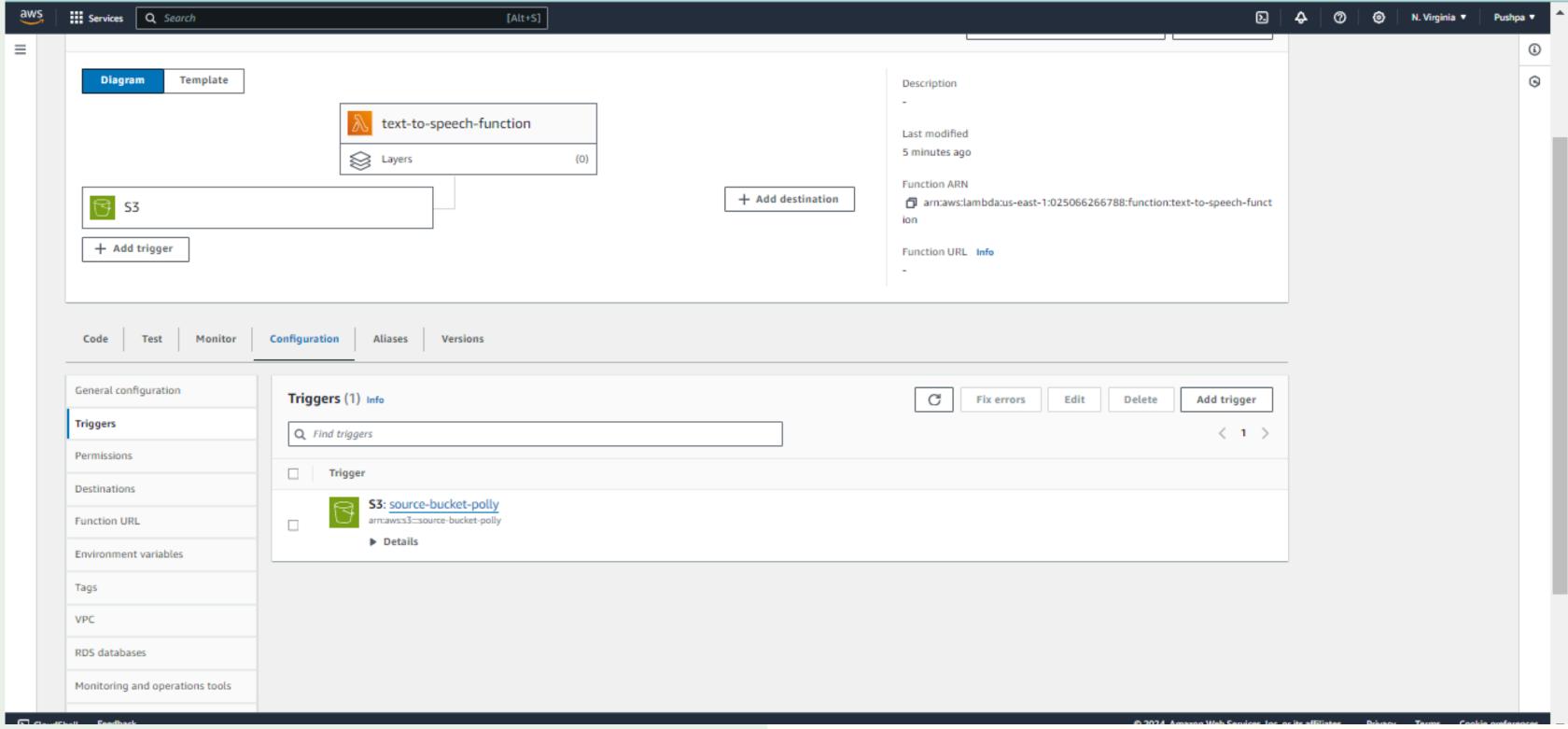


Step 6: Configure S3 Event Notification

 Set up an event notification in the source S3 bucket to trigger the Lambda function on new object creation events with the .txt suffix

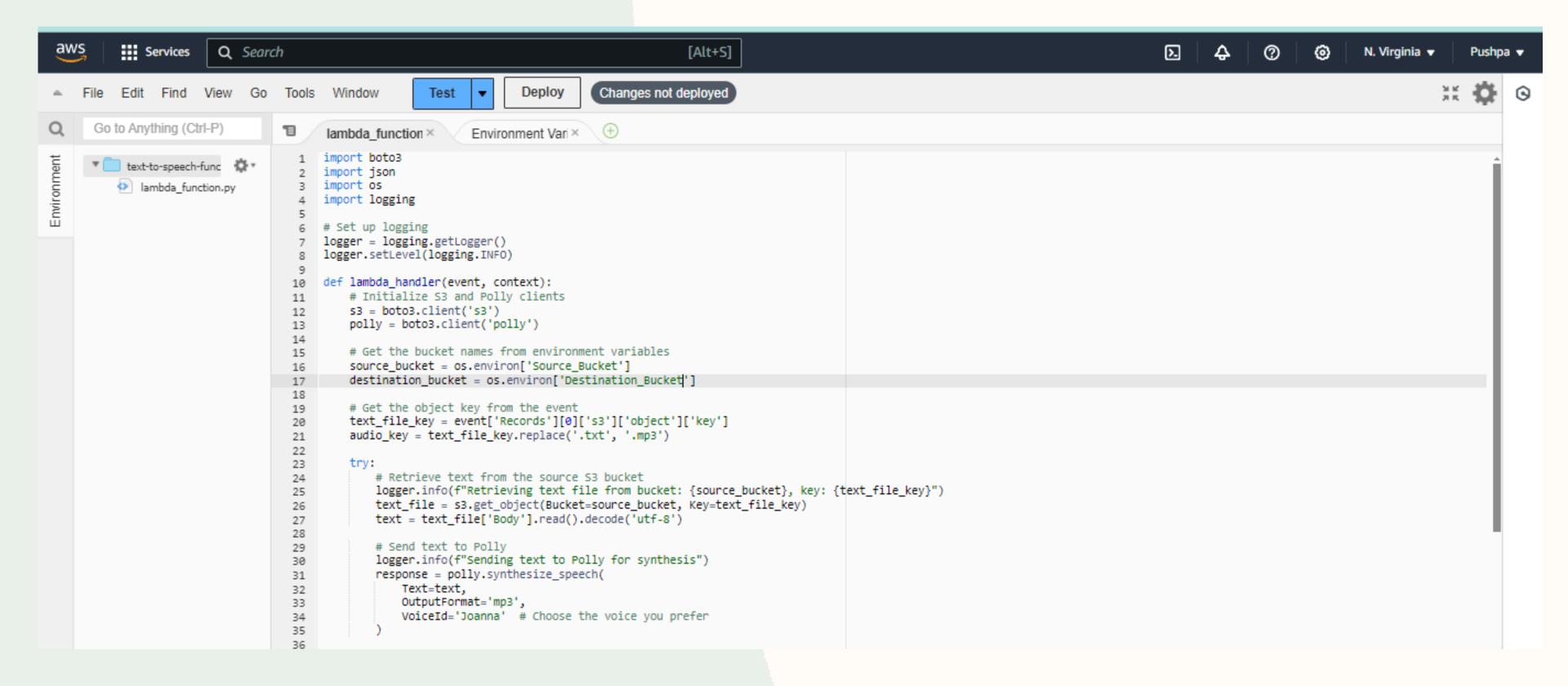


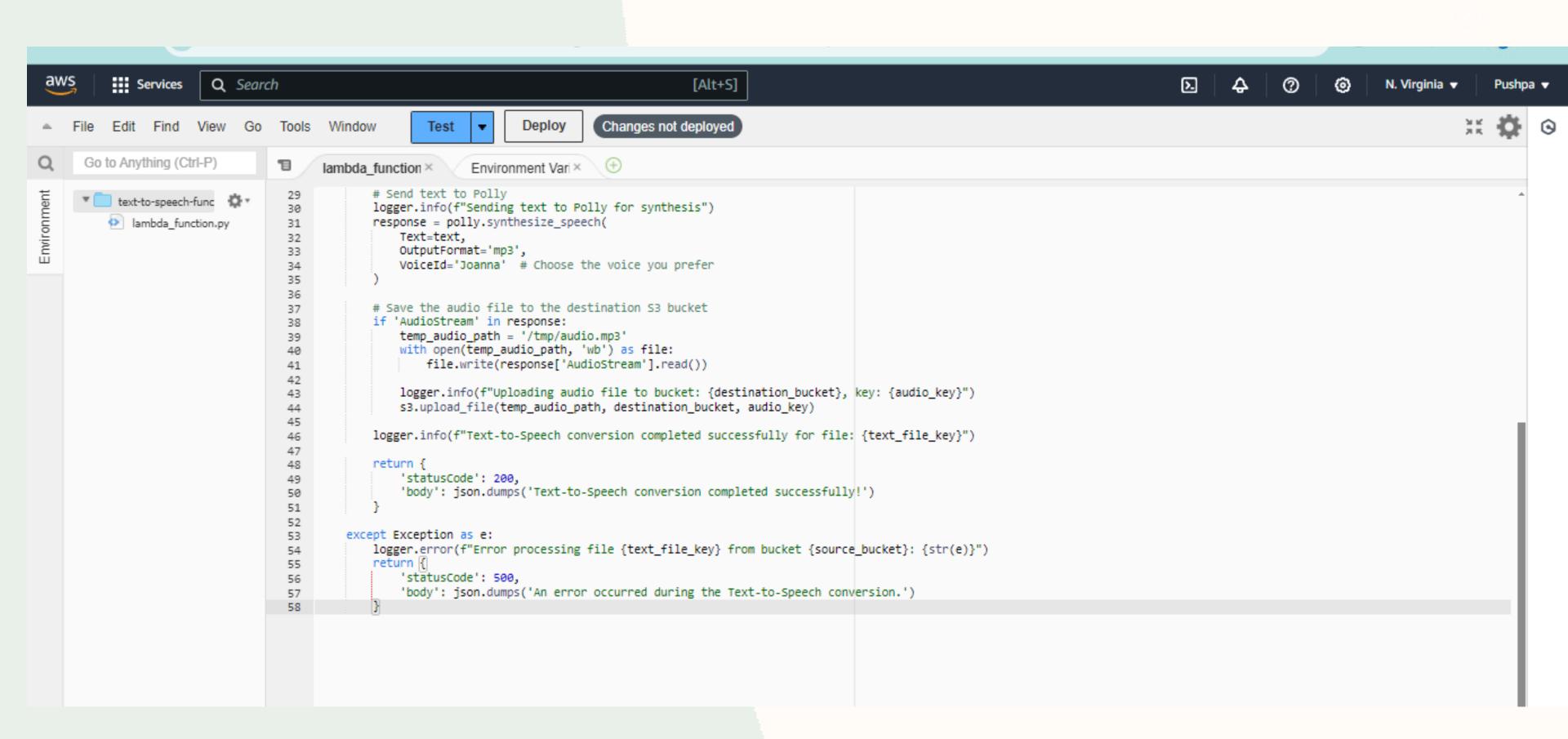
-It is observed that we Configure S3 Event Notification



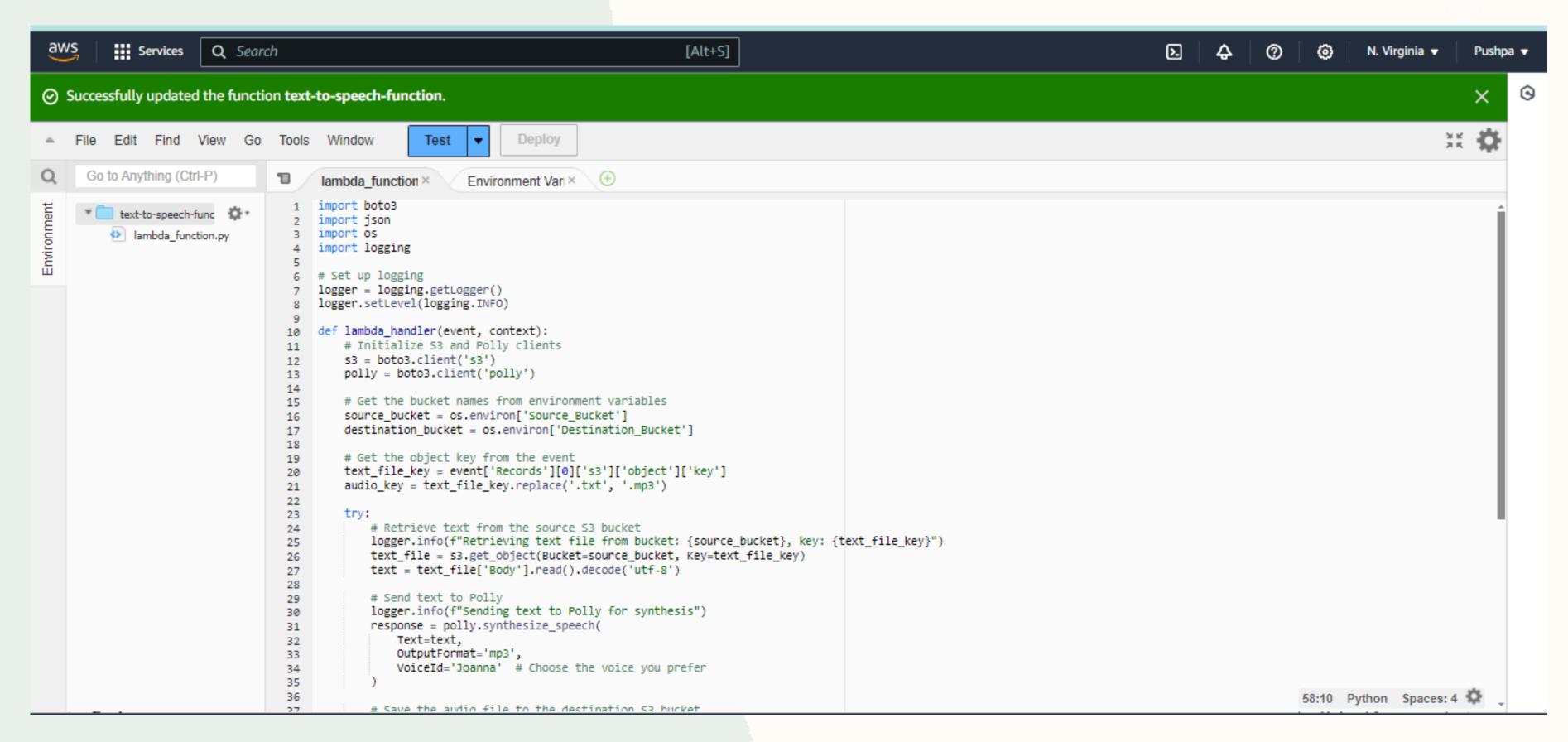
Add a little bit of body text

Step 7: Write Lambda Function Code





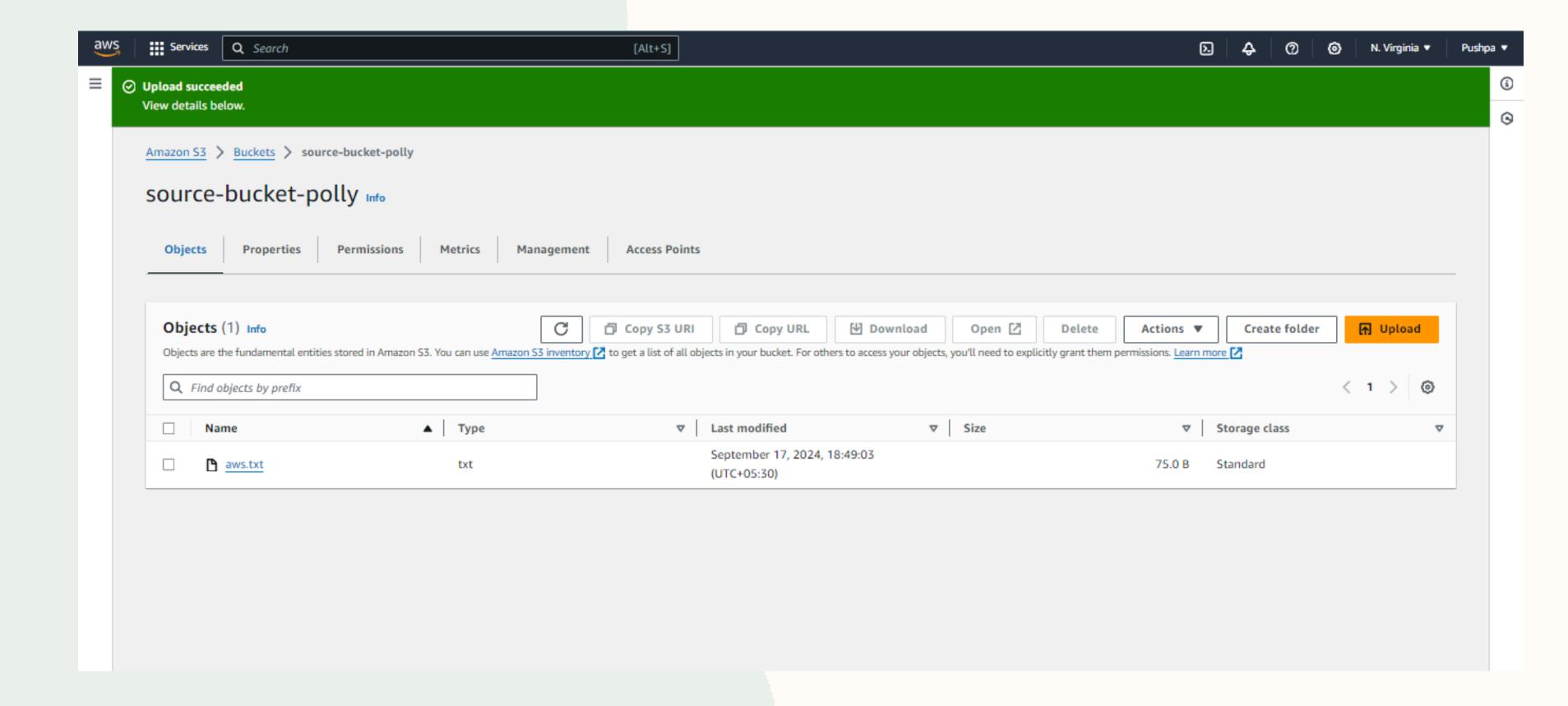
-Deploying the code successfully



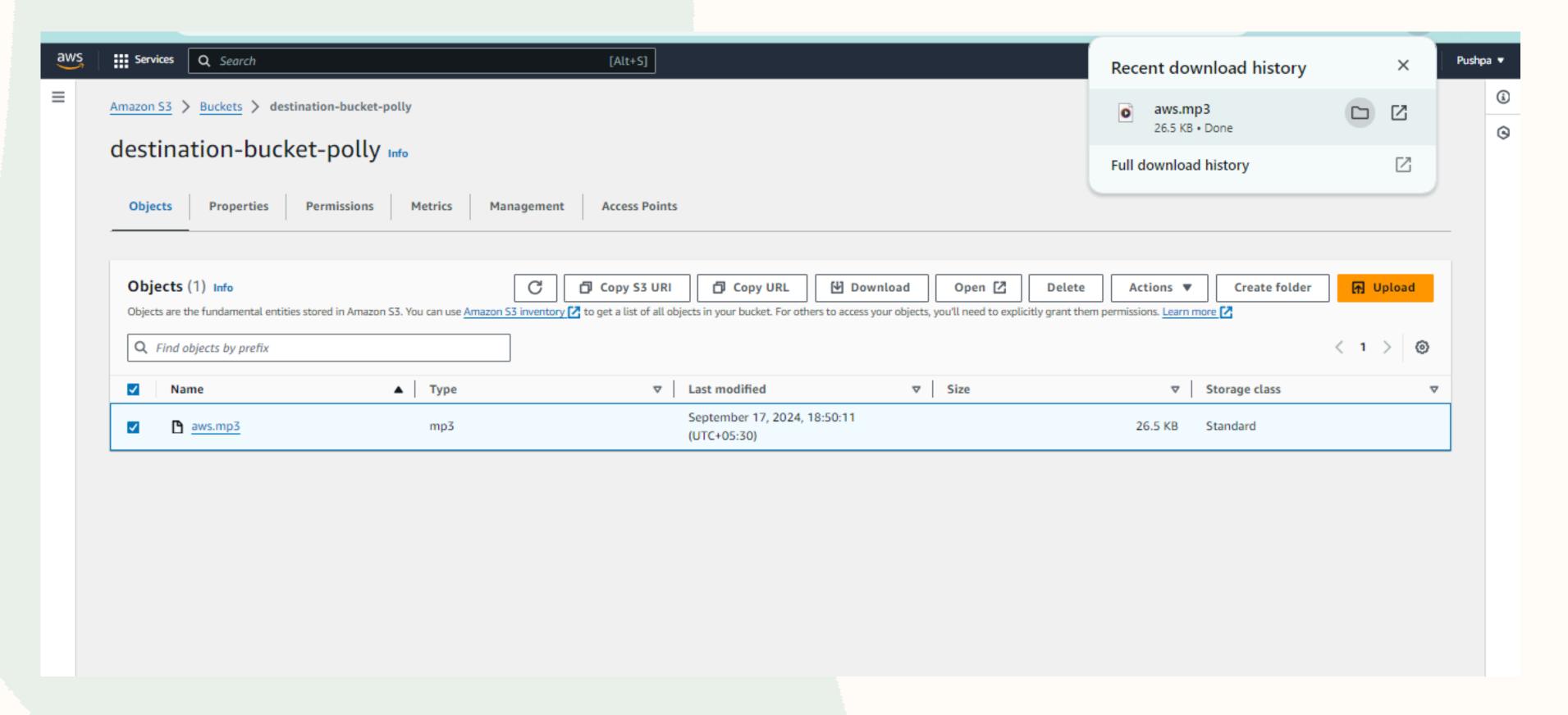
This is the text file I am going to upload in source s3 bucket



-My text file is successfully uploaded in source bucket



-After few seconds we observe that the result is stored in the target s3 bucket in mp3 format





Thank you!