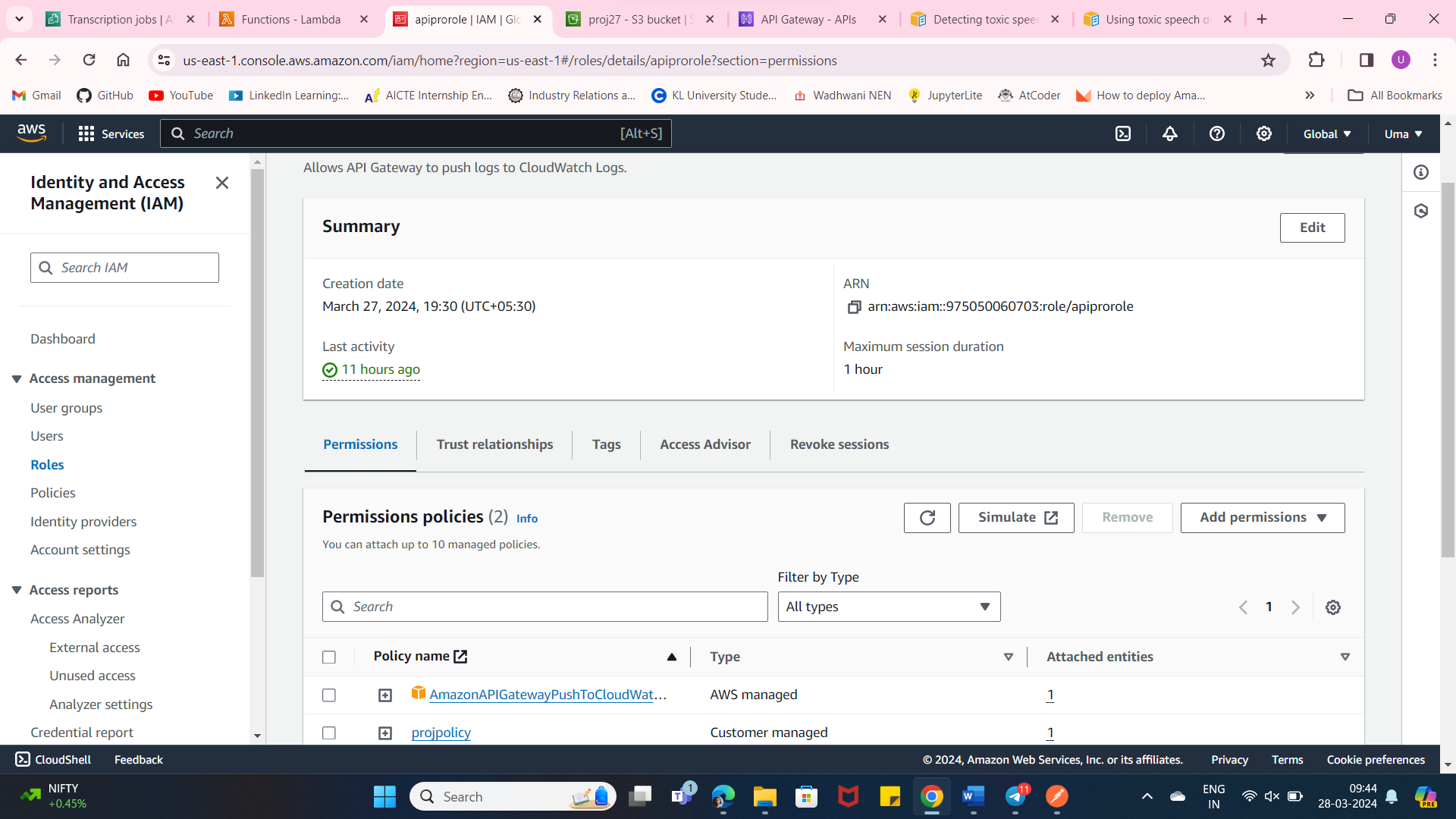
**2100032408**

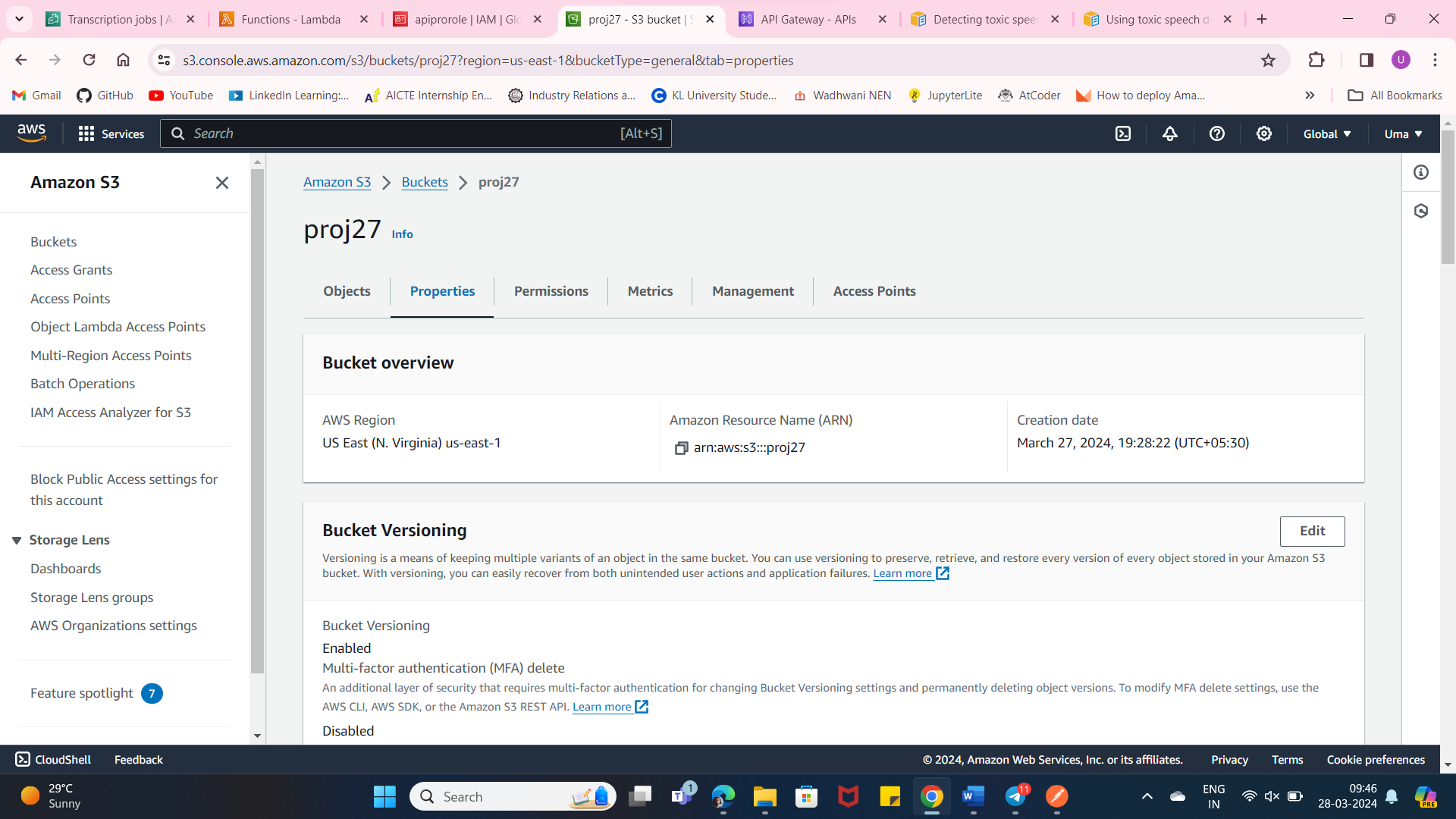
**Cloud and serverless computing**

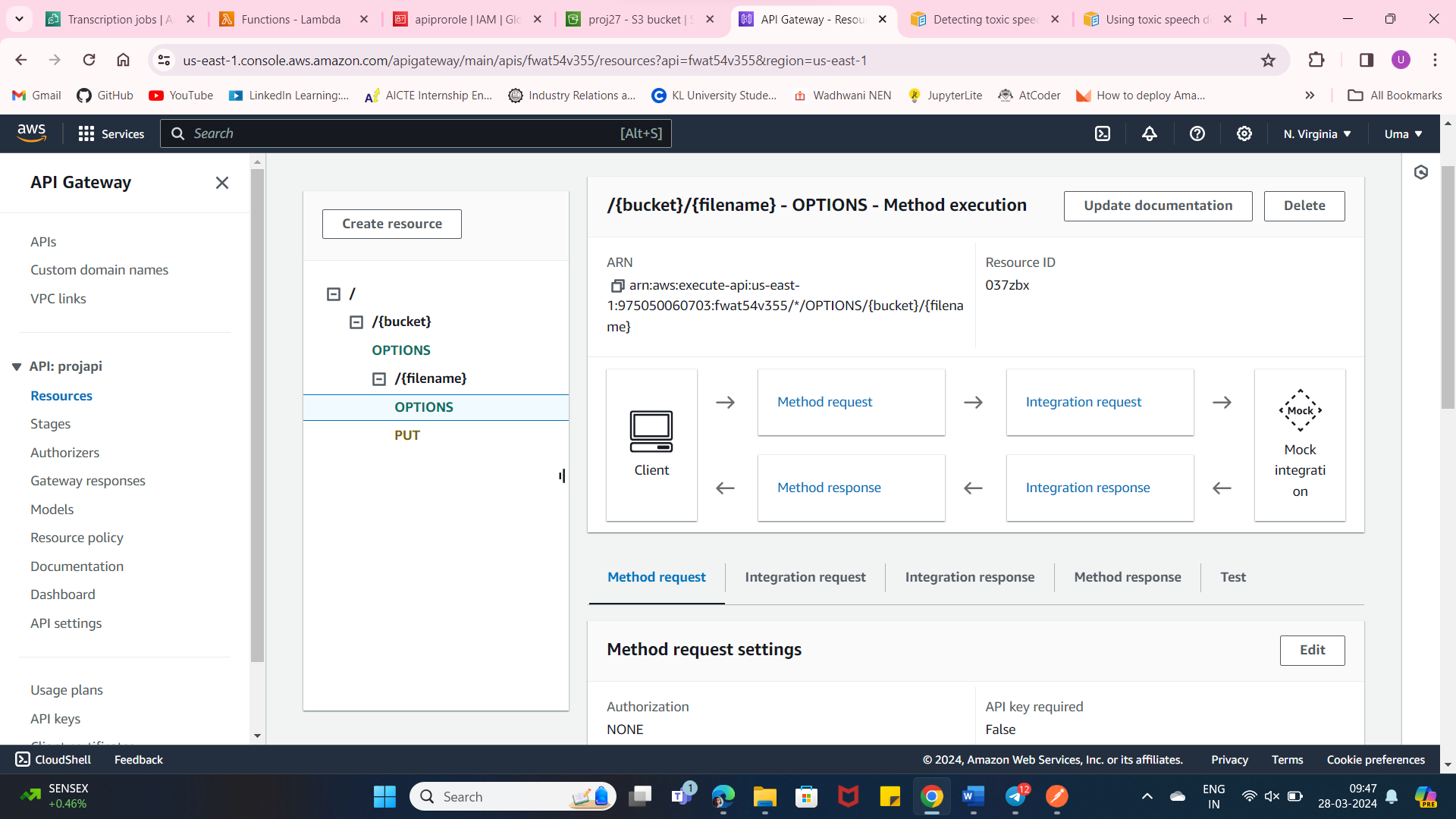
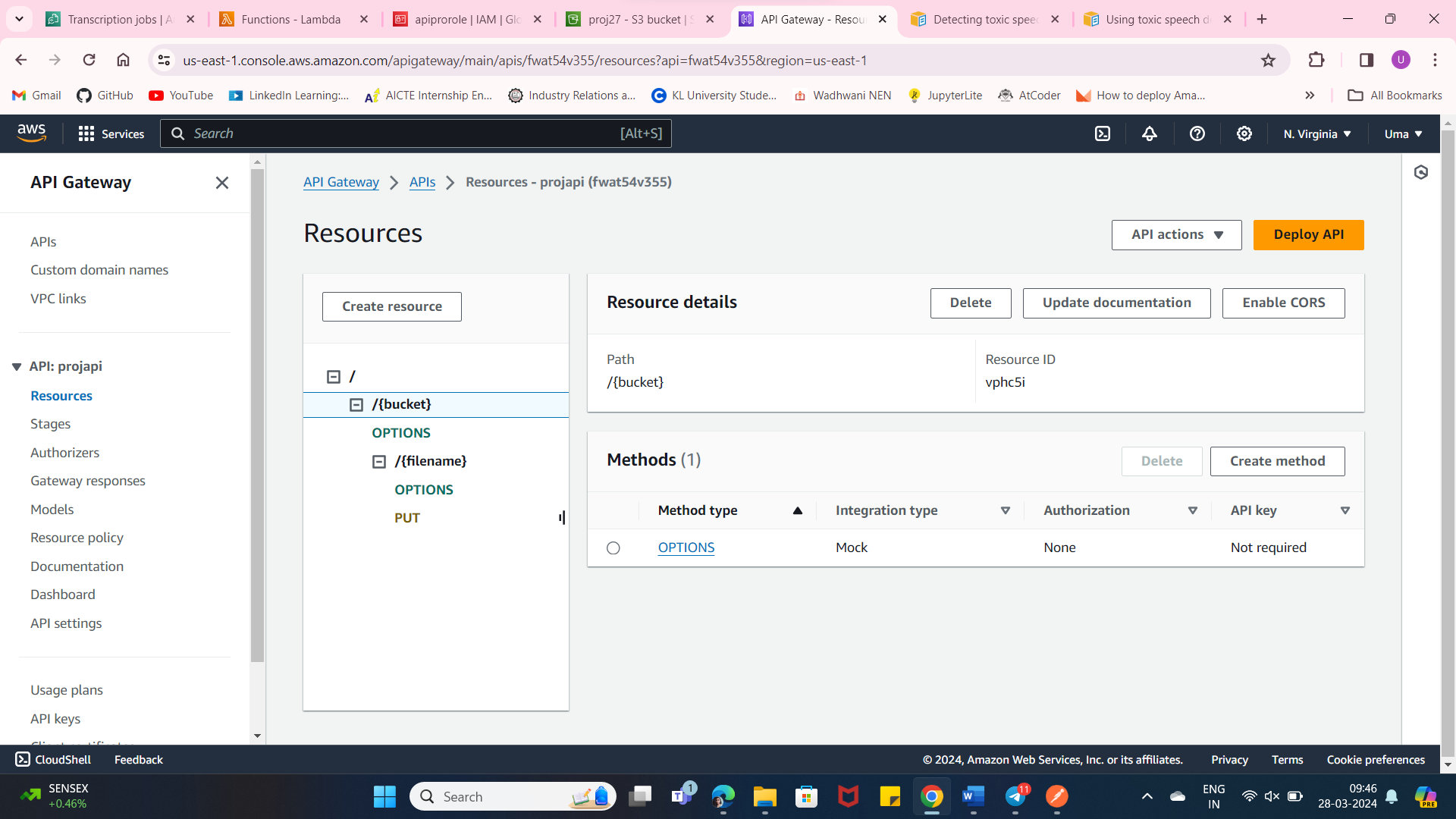
**PROJECT: Toxicity Detector, Speech-To-Text with AWS Transcribe**

**Create role for API Gateway**:



**Create a bucket for storing the files[audio] from api gateway:**

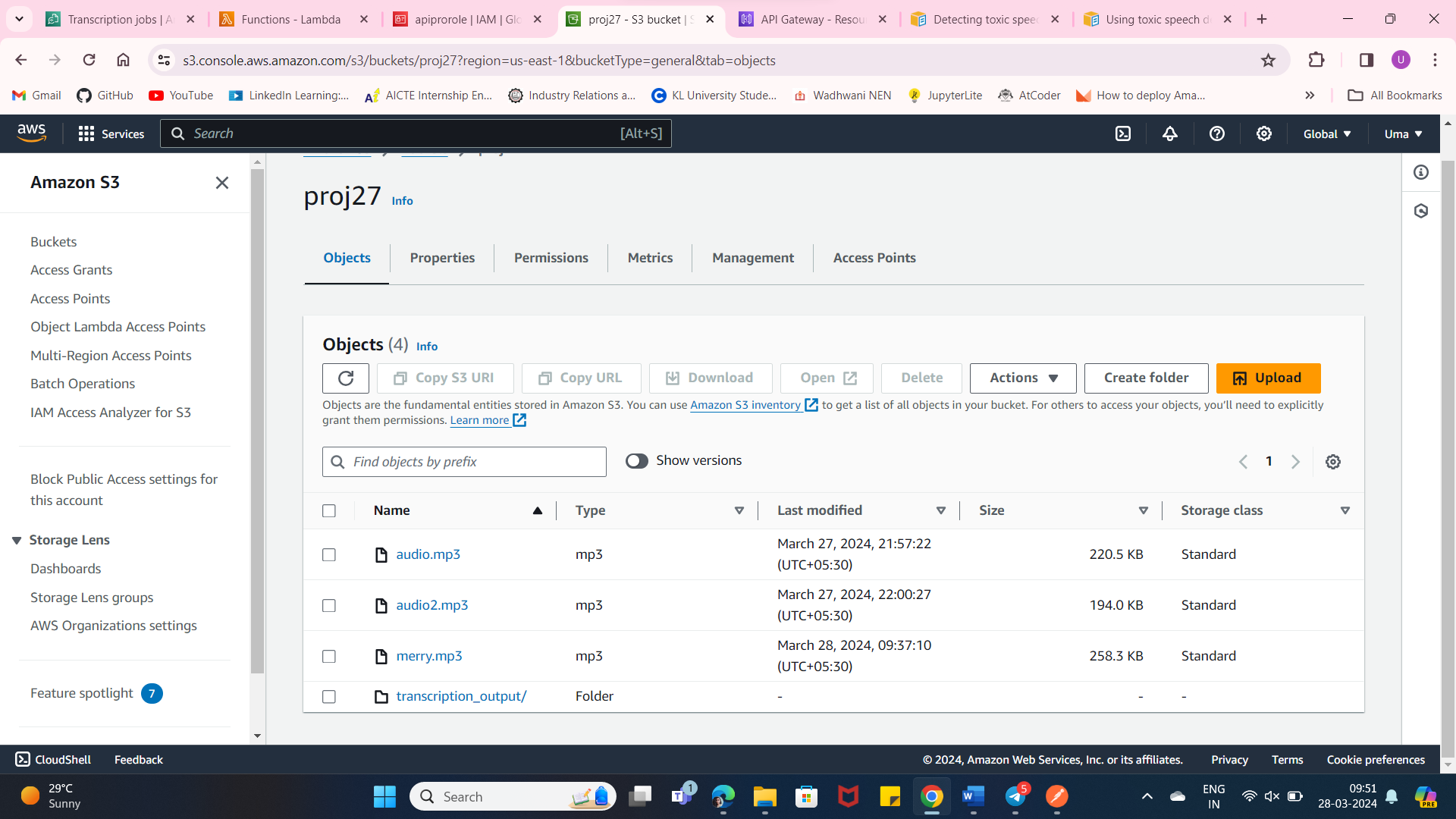


**Create a API Gateway [PUT METHOD] for uploading the files into s3 bucket:**

**Upload the file using postman api to the bucket:**

****

**It stores the file in the bucket:**

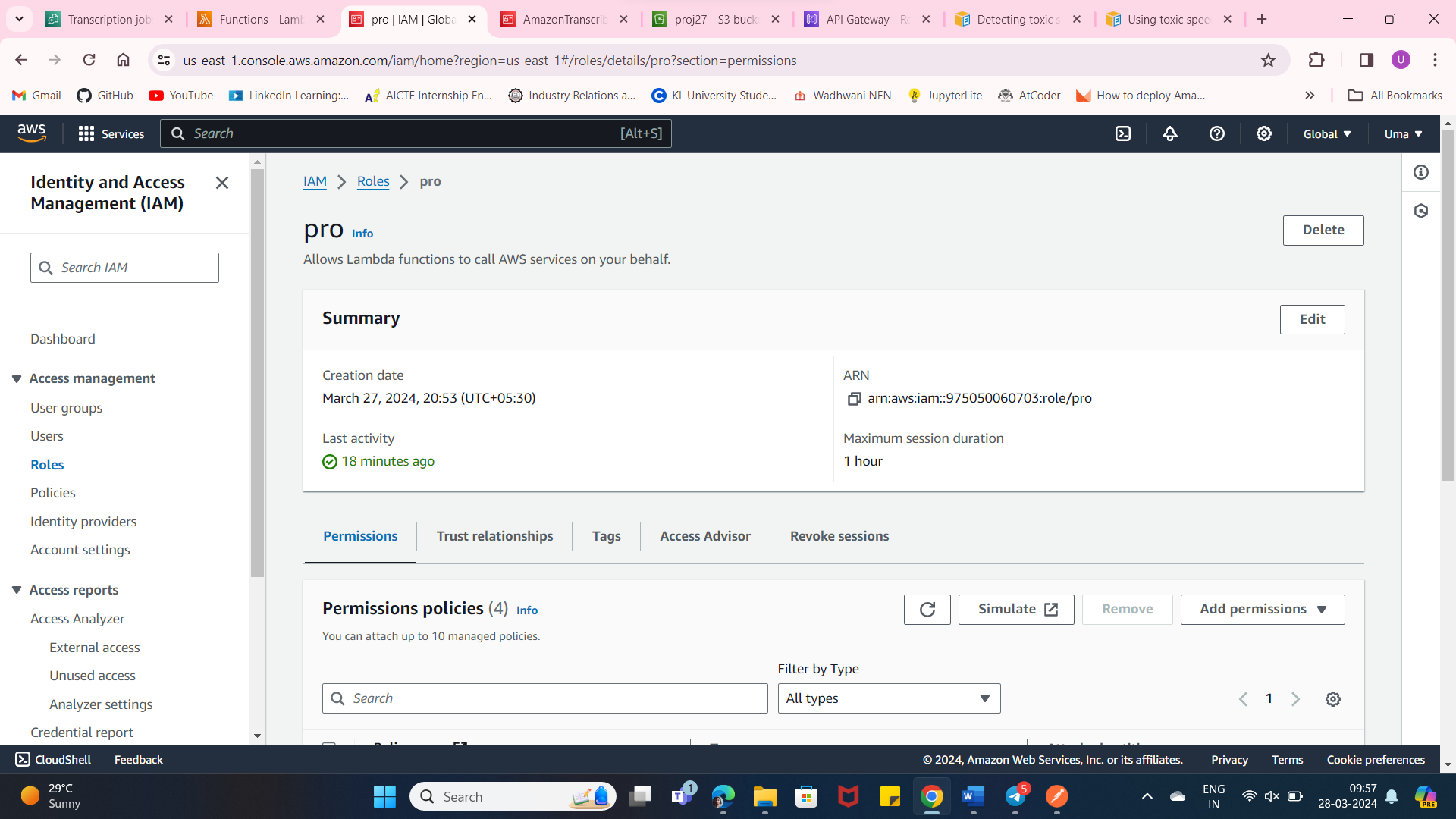
****

**Now create a role for –**

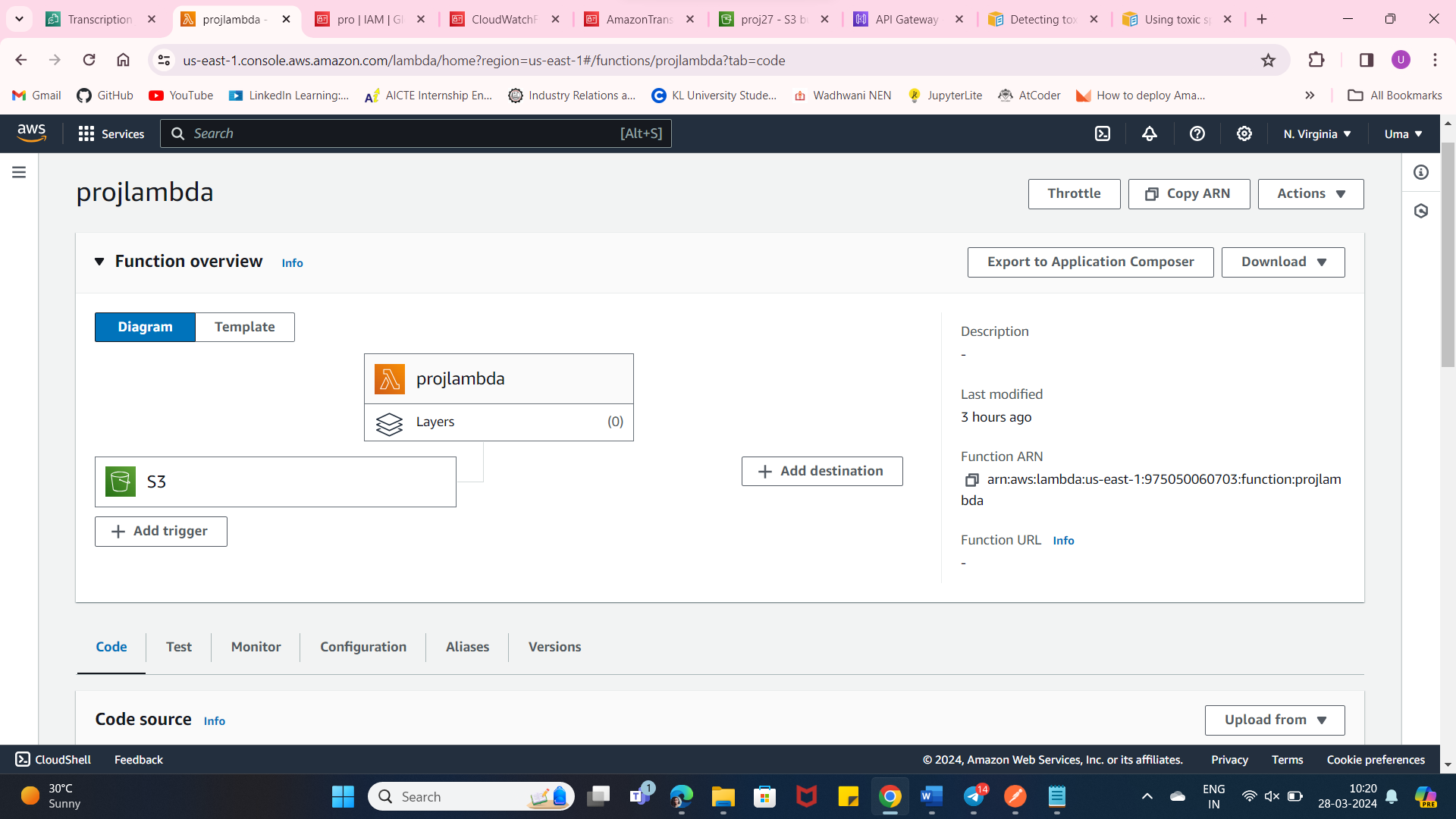
**AmazonS3FullAccess**

**AmazonTranscribeFullAccess**

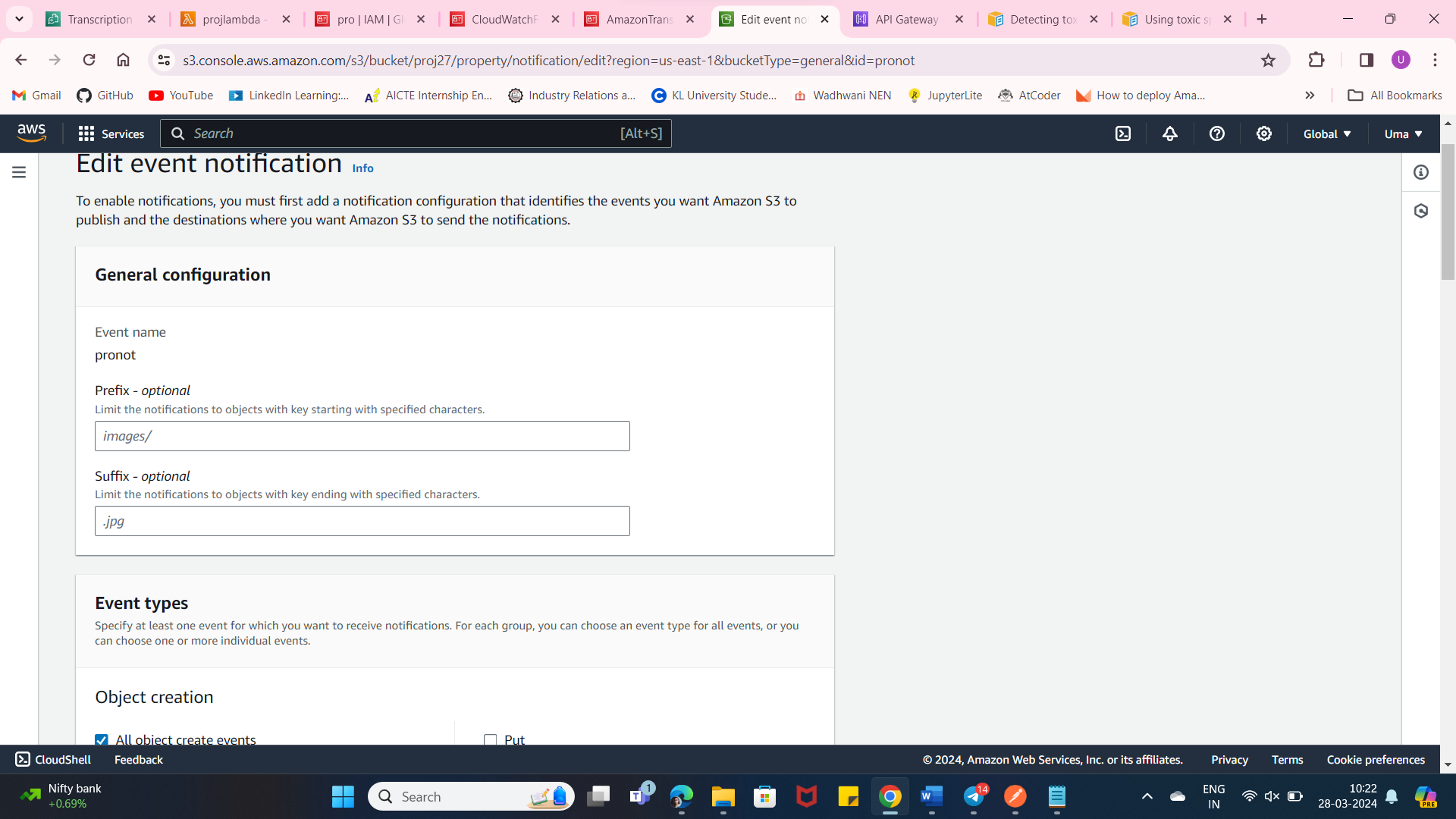
**CloudWatchFullAccess**

****

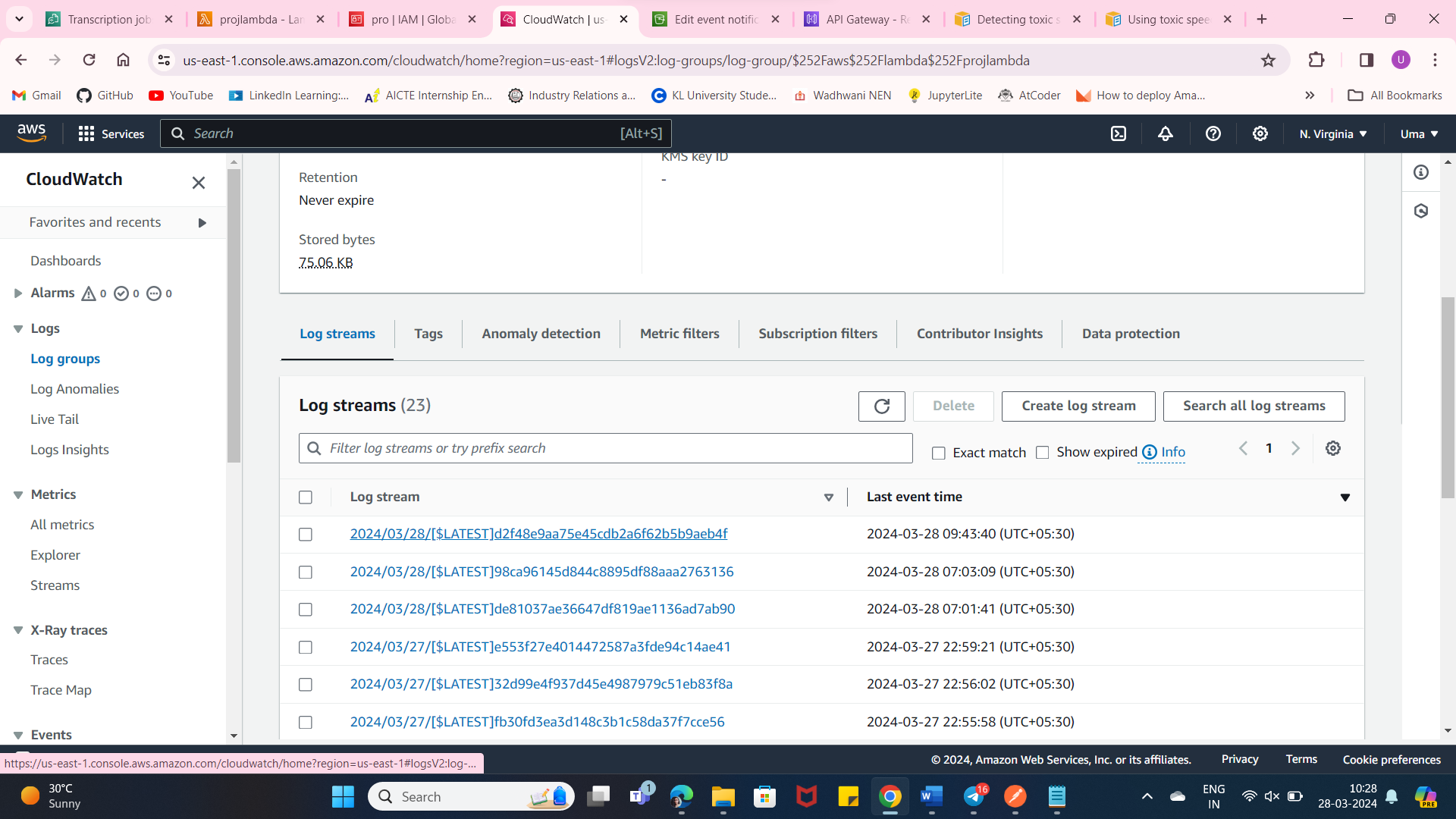
**Create a lambda function with Existing Role:**

****

**Create an event Notification in s3 to know whenever an event occur to observe in CloudWatch:**

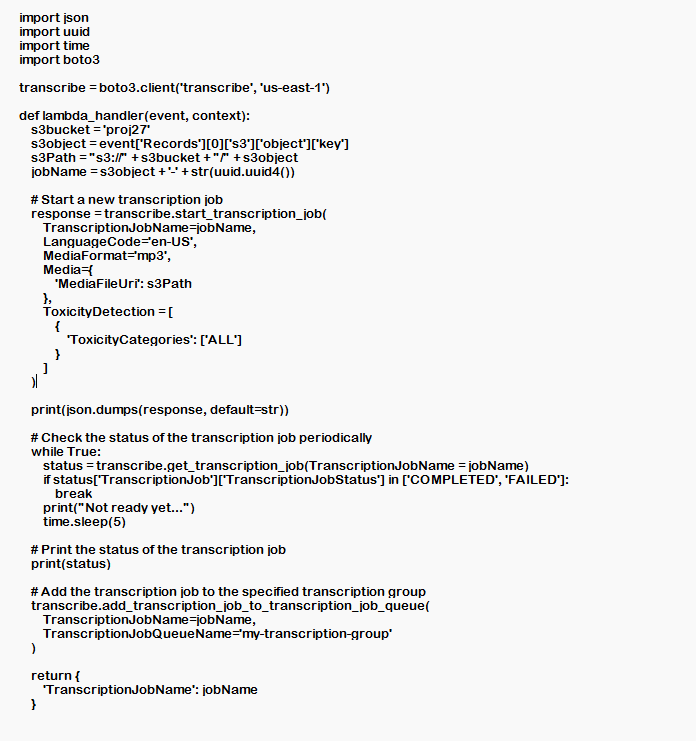
****

**Open cloudwatch to see the logs:**

****

**Write the code in lambda and configure test event with the cloudwatch logs :**

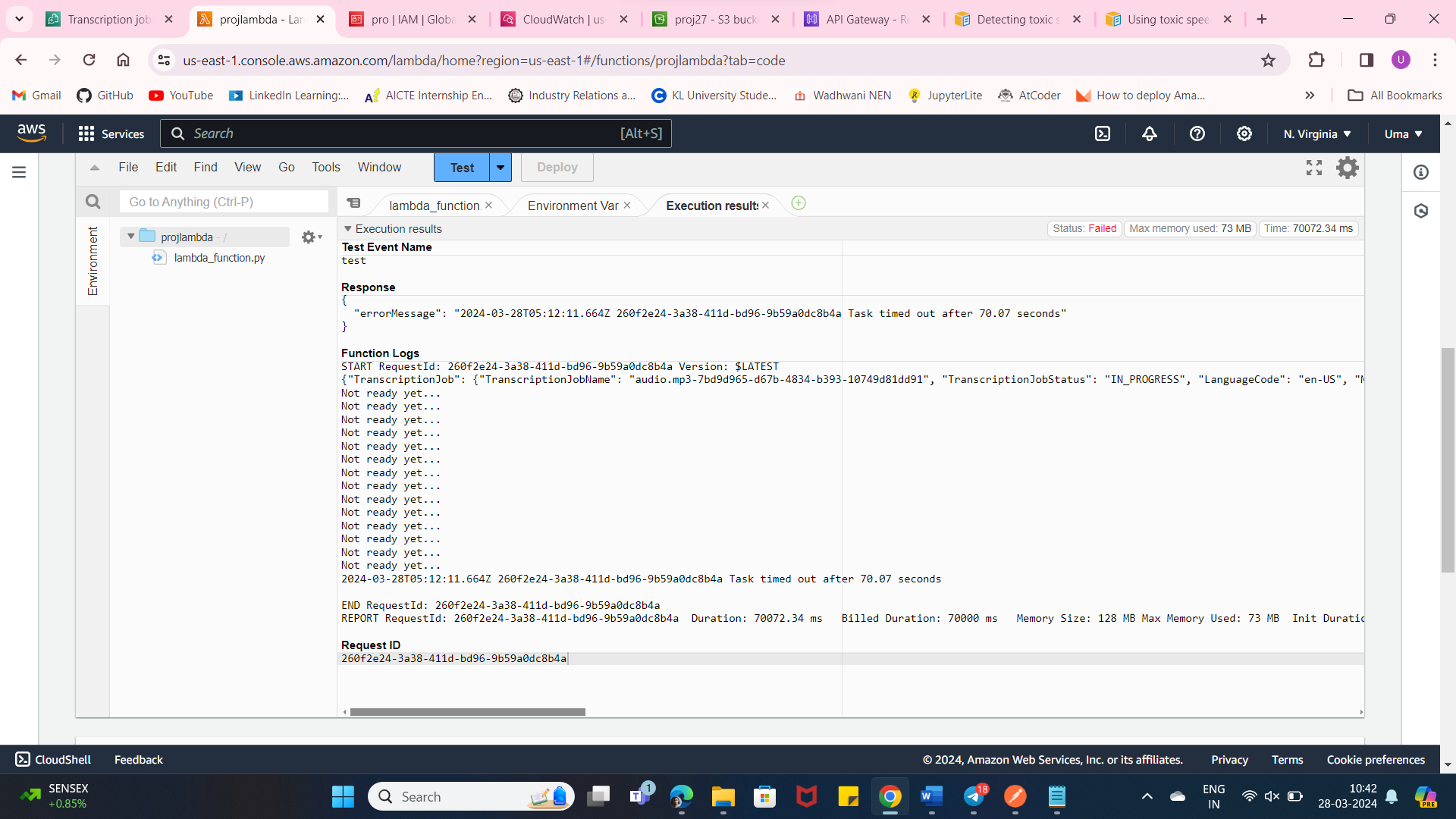
**This code gets the object from s3 and starts a transcription job to convert the audio to text and toxicity detection:**

****

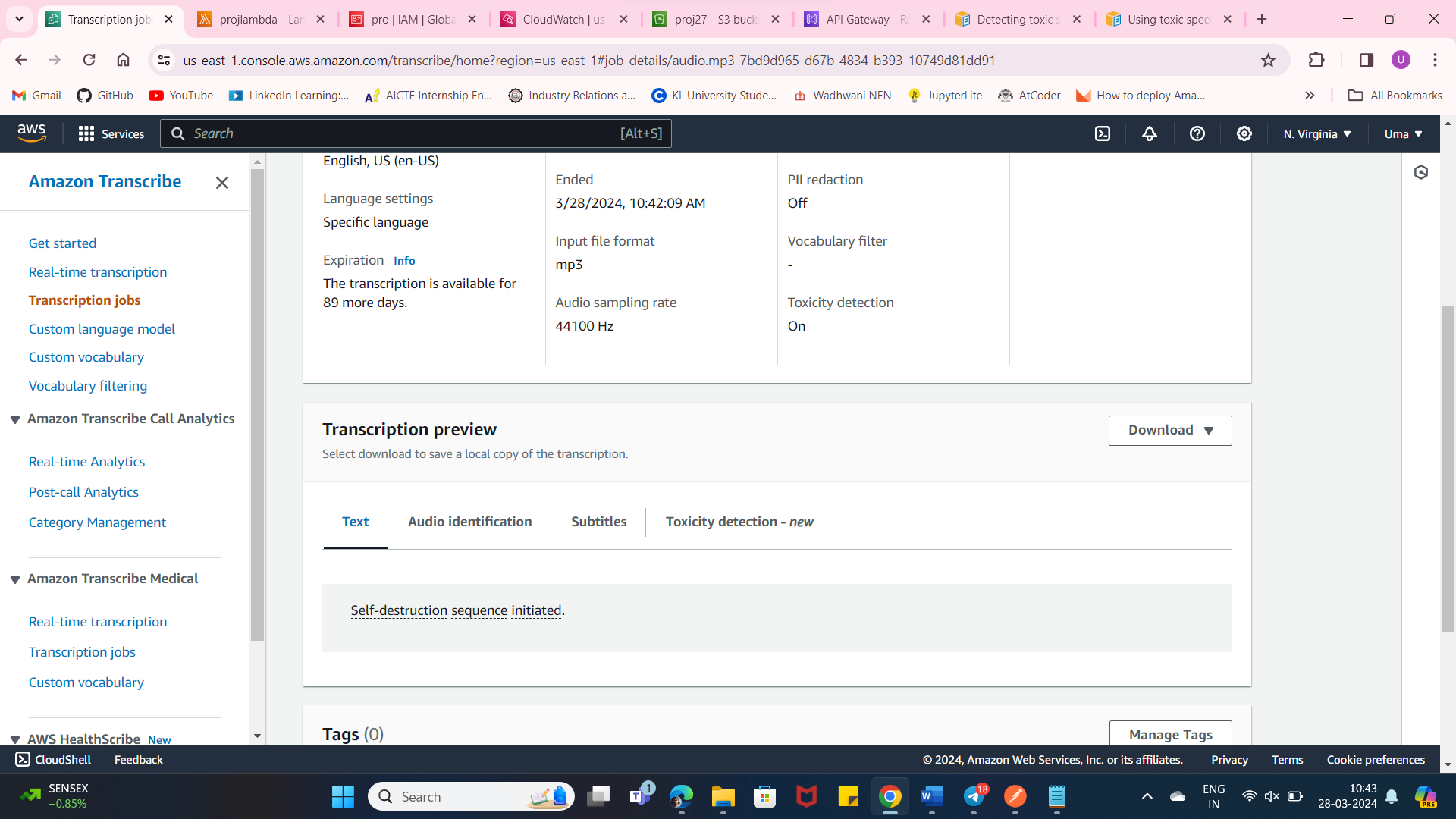
**Code for test event:**

**Add a s3 trigger for lambda to dynamically start the transcription job:**

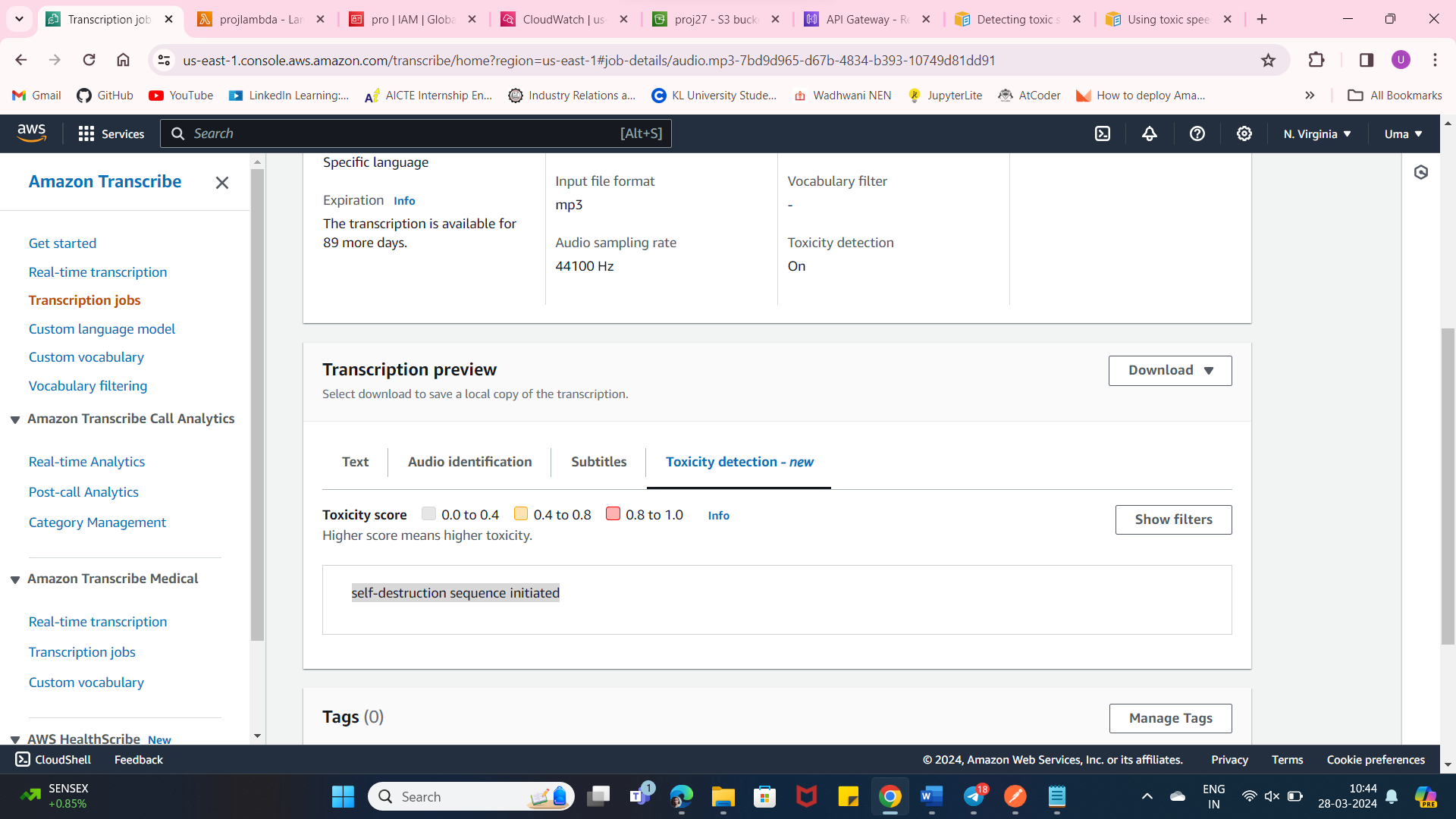
**It takes time to transcribe. Don’t forget to increase timeout sec to avoid errors:**

****

**The transcription job in AWS Transcribe:**

****

**Toxicity-detection:**

****