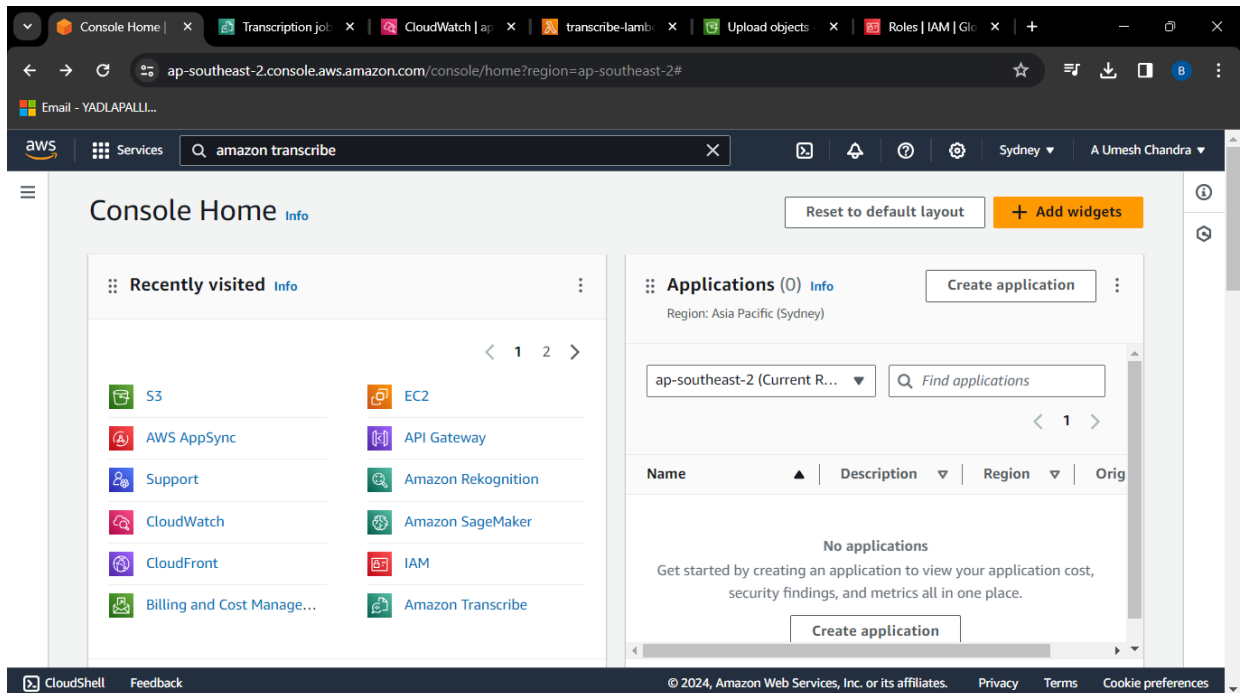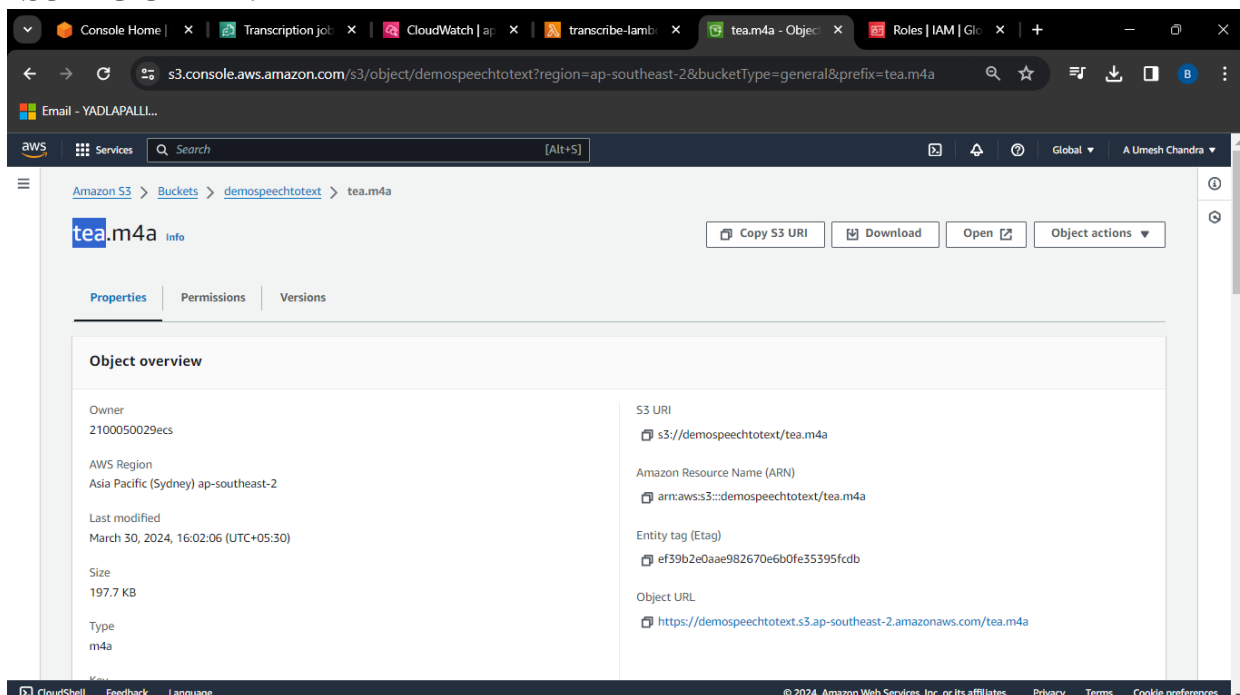2100050016
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Speech-To-Text. AWS Lambda function from S3 Event to AWS Transcribe (CloudWatch included)

AWS MANAGEMENT CONSOLE:
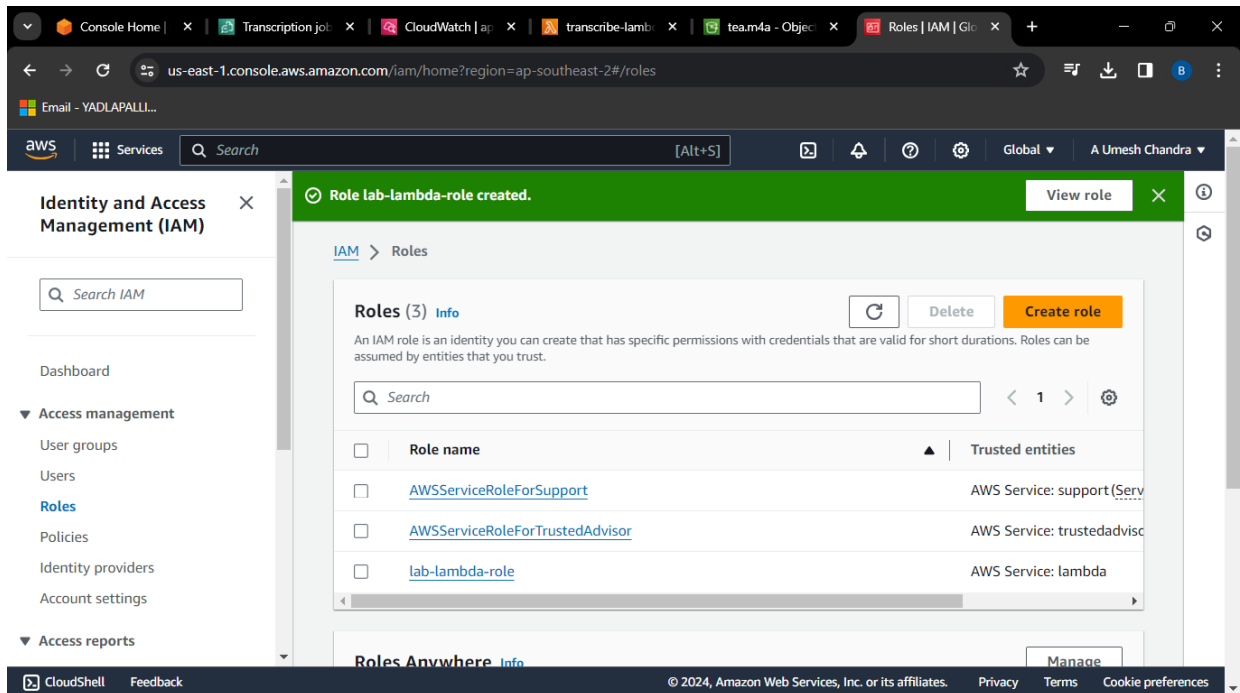

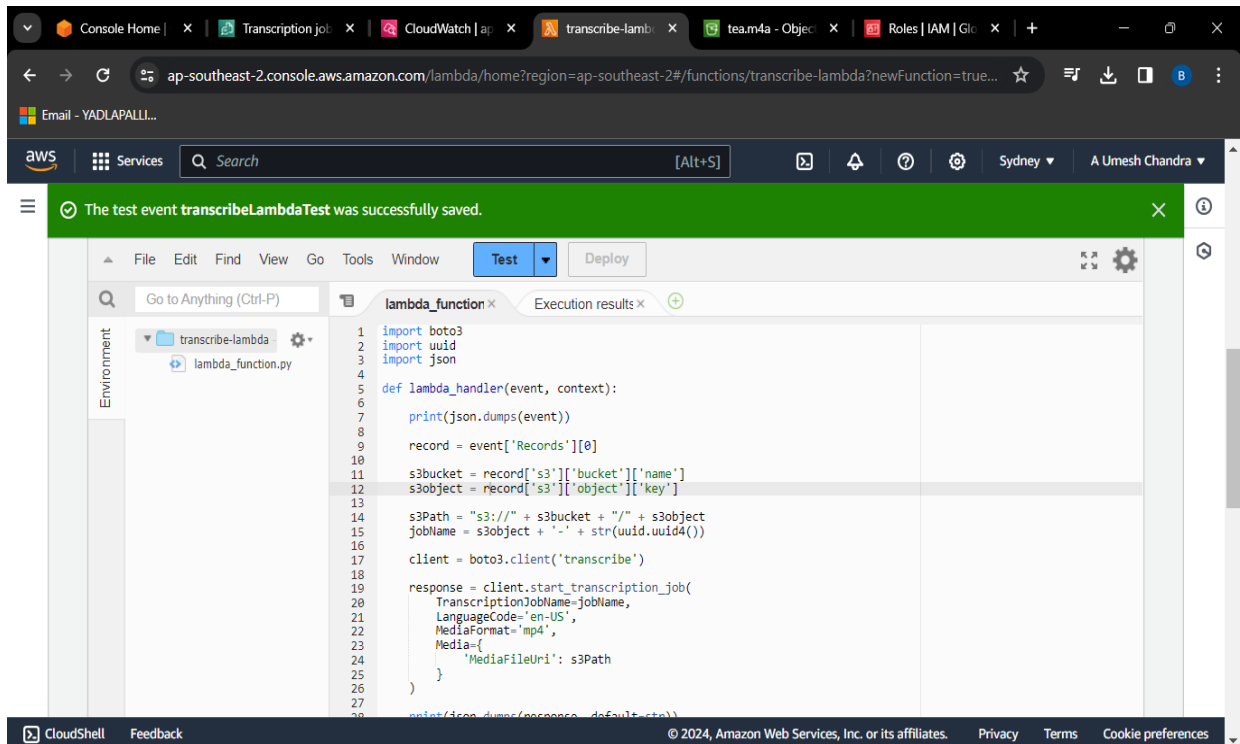
S3 BUCKET:

IAM ROLE:

Lambda function:

Cloud watch:

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Amazon transcribe to see output:

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Lambda CODE:

```python
import boto3
import uuid
import json
def lambda_handler(event, context):
    print(json.dumps(event))
    record = event['Records'][0]
    s3bucket = record['s3']['bucket']['name']
    s3object = record['s3']['object']['key']
    s3Path = "s3://" + s3bucket + "/" + s3object
    jobName = s3object + '-' + str(uuid.uuid4())

    client = boto3.client('transcribe')

    response = client.start_transcription_job(
        TranscriptionJobName=jobName,
        LanguageCode='en-US',
        MediaFormat='mp4',
        Media={
            'MediaFileUri': s3Path
        }
    )

    print(json.dumps(response, default=str))

    return {
        'TranscriptionJobName':
response['TranscriptionJob']['TranscriptionJobName']
    }
```