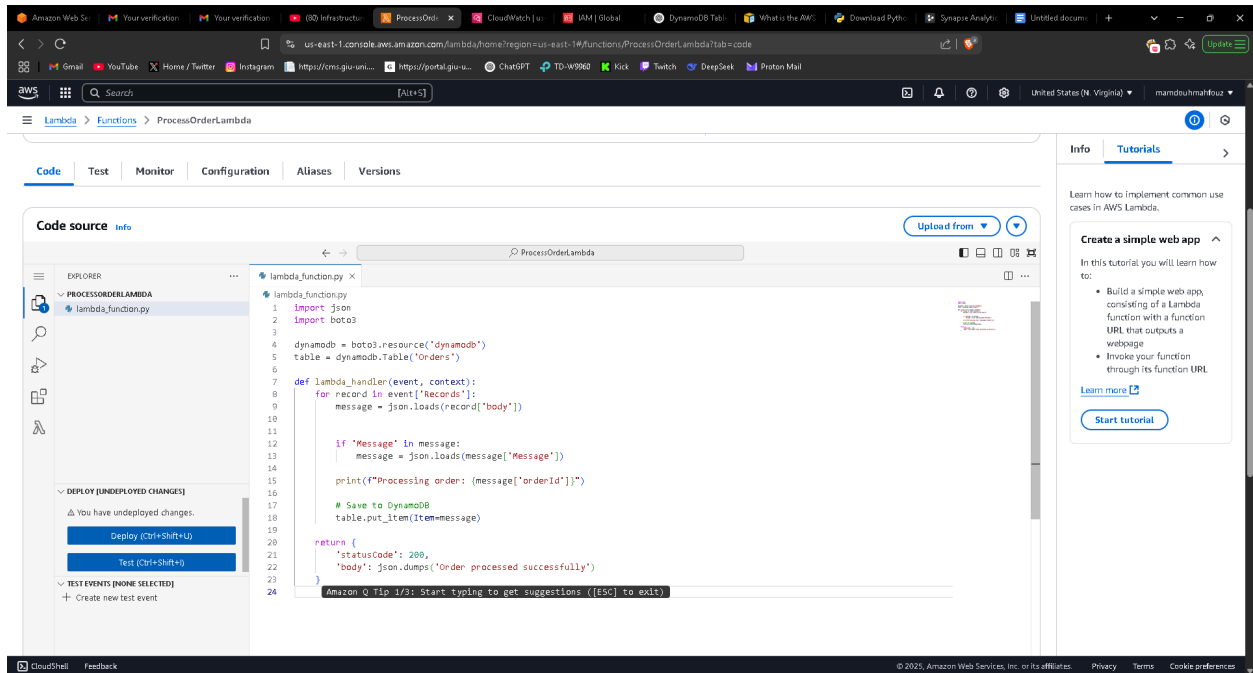
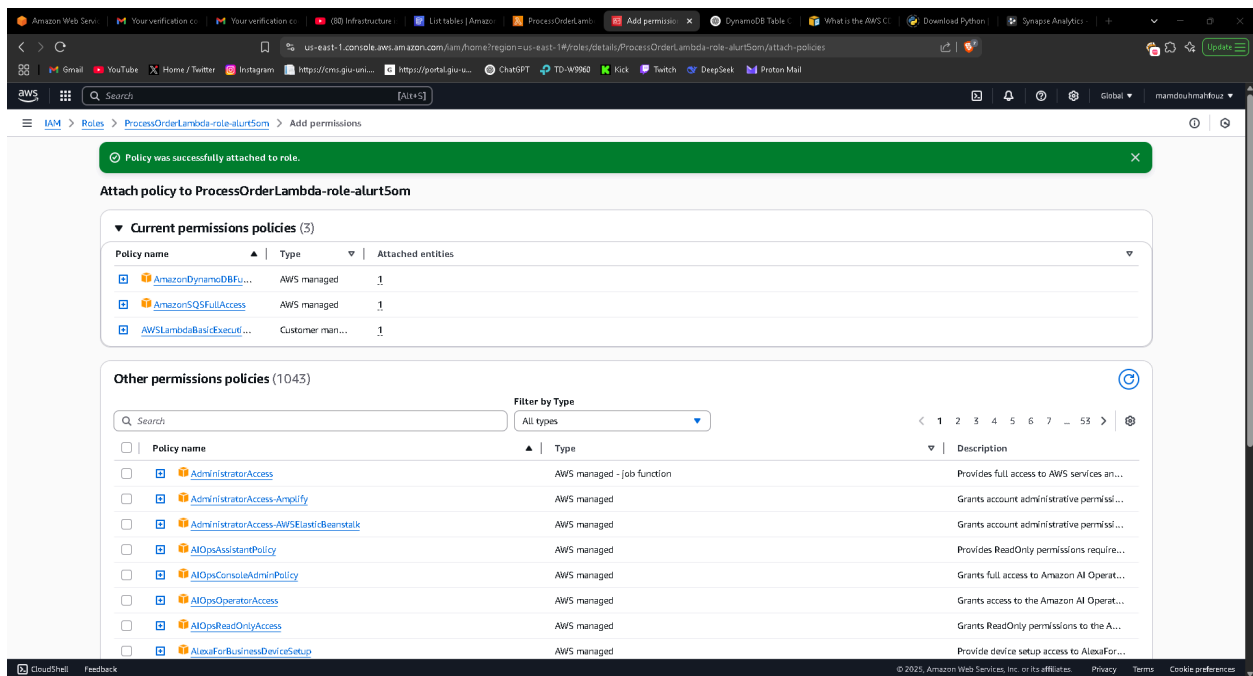


Assignment 2

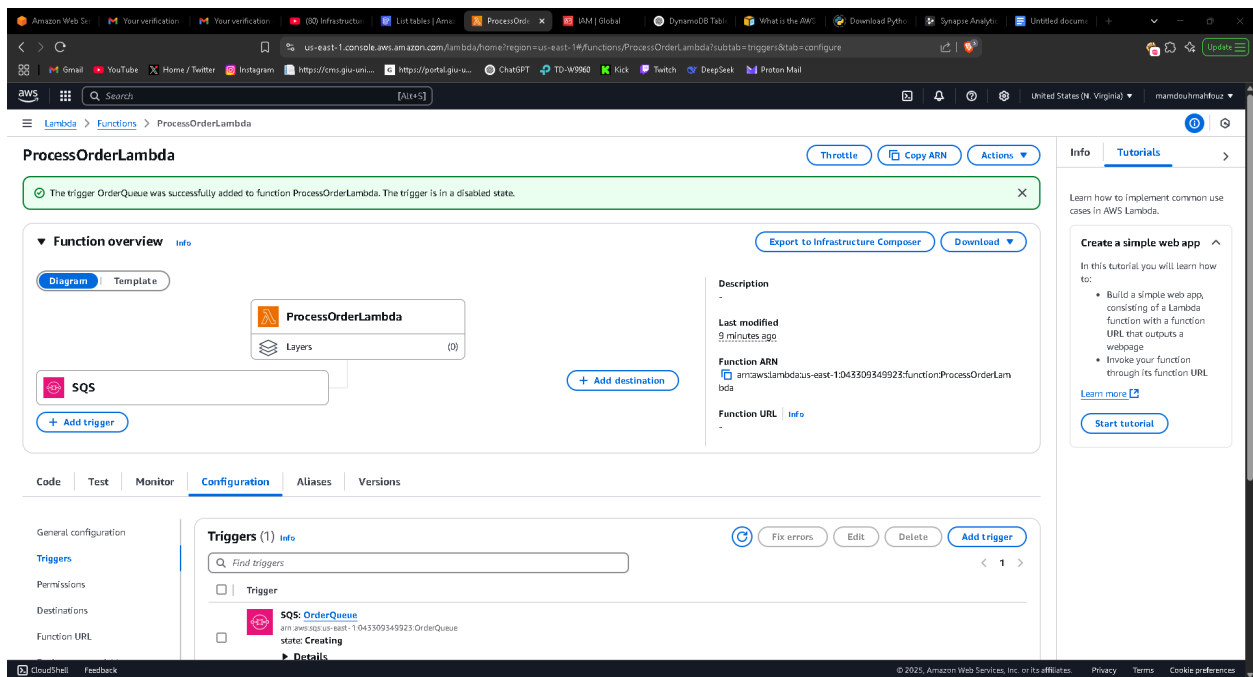
- Lambda Function Code



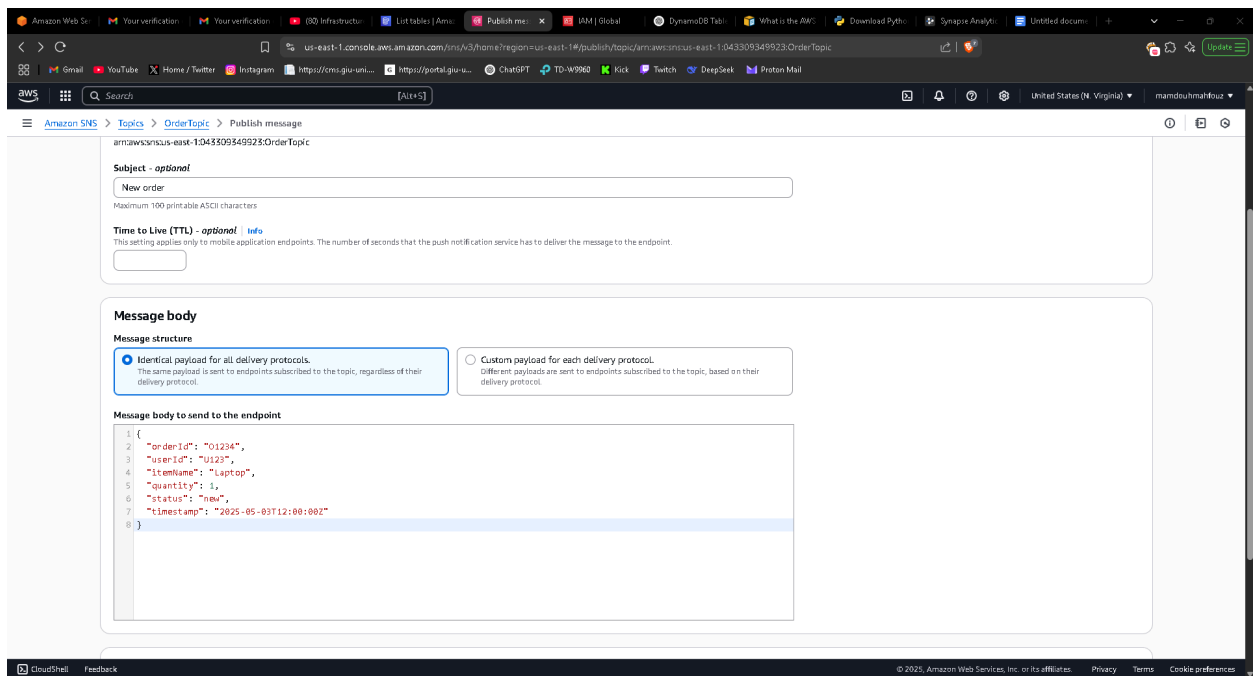
- IAM Lambda permissions



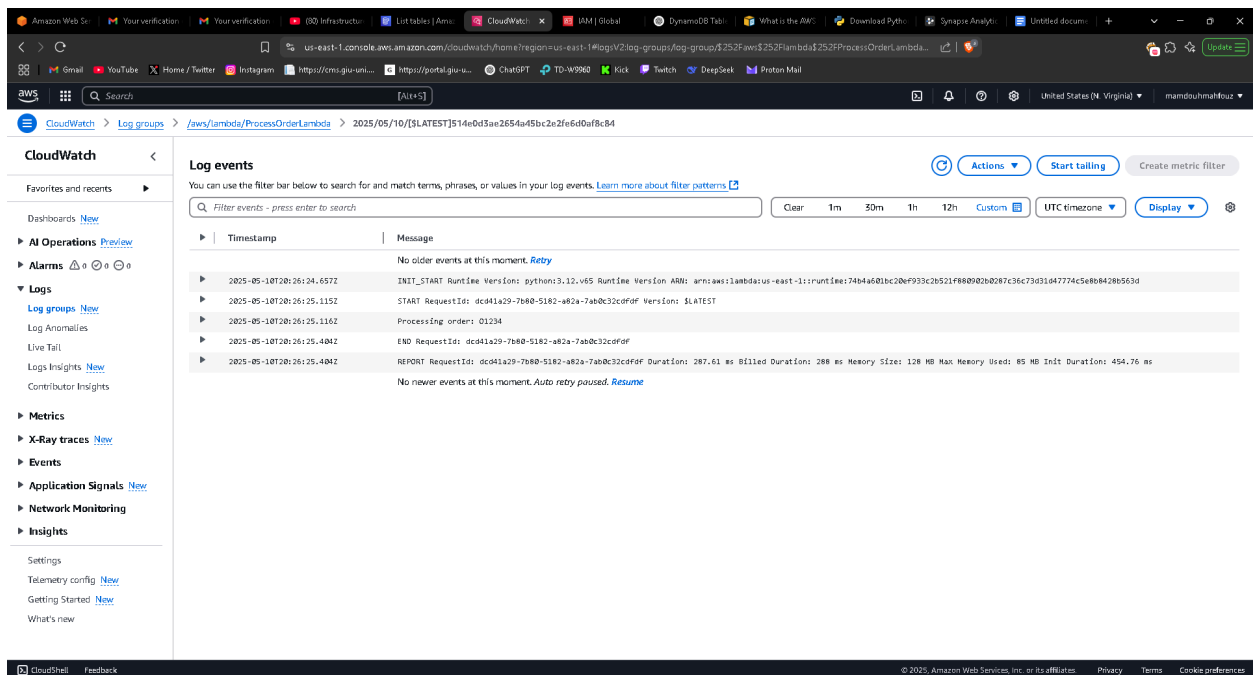
• Trigger



• Test message to SNS



- Processing order in CloudWatch



- Order in DynamoDB table

DynamoDB > Explore items > Orders

Tables (1)

Any tag key
Any tag value
Find tables

Orders

Orders

Autoreview View table details

▼ Scan or query items

Scan Query

Select a table or index: Table - Orders

Select attribute projection: All attributes

Filters - optional

Run Reset

Completed - Items returned: 1 - Items scanned: 1 - Efficiency: 100% - RCUs consumed: 0.5

Table: Orders - Items returned (1)

Scan started on May 10, 2025, 23:30:00

	orderId (String)	itemName	quantity	status	timestamp	userId
	01234	Laptop	1	new	2025-05-03...	U123

- SNS topic + subscription

Amazon SNS > Topics > OrderTopic

OrderTopic

Edit Delete Publish message

Details

Name: OrderTopic

Display name: -

ARN: arn:aws:sns:us-east-1:043309349923:OrderTopic

Topic owner: 043309349923

Type: Standard

Subscriptions Access policy Data protection policy Delivery policy (HTTP/S) Delivery status logging Encryption Tags Integrations

Subscriptions (1)

Edit Delete Request confirmation Confirm subscription Create subscription

ID	Endpoint	Status	Protocol
e29501a3-5ccb-4e24-8baa-aed4980d4943	arn:aws:sqs:us-east-1:043309349923:OrderQueue	Confirmed	SQS

- Queues

Amazon Web SerYour verificationYour verificationSQ InfrastructureQueues | SinCloudWatch | uIAM | GlobalDynamoDB TabWhat is the AWSDownload PythonSynapse AnalytiUntitled docum+AWS

us-east-1.console.aws.amazon.com/iam/v3/home?region=us-east-1#/queues

Search[Alt+S]

United States (N. Virginia)mamdouhmahfouz

Amazon SQSQueues

Queues (2)

Search queues by prefix

< 1 >

	Name	Type	Created	Messages available	Messages in flight	Encryption	Content-based deduplication
<input type="radio"/>	OrderQueue	Standard	2025-05-10T23:09+05:00	0	0	Amazon SQS key (SSE-SQS)	-
<input type="radio"/>	OrderQueueDLQ	Standard	2025-05-10T23:08+05:00	0	0	Amazon SQS key (SSE-SQS)	-

Edit

Delete

Send and receive messages

Actions

Create queue

CloudShellFeedback

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