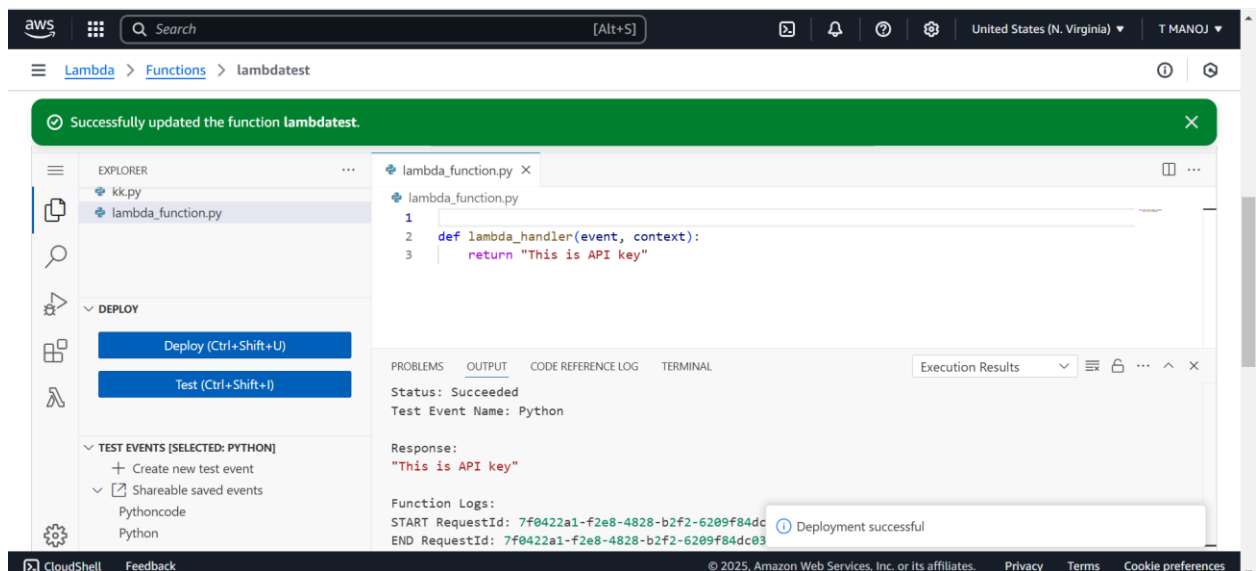# Steps to Connect AWS Lambda with REST API

Name : T MANOJ
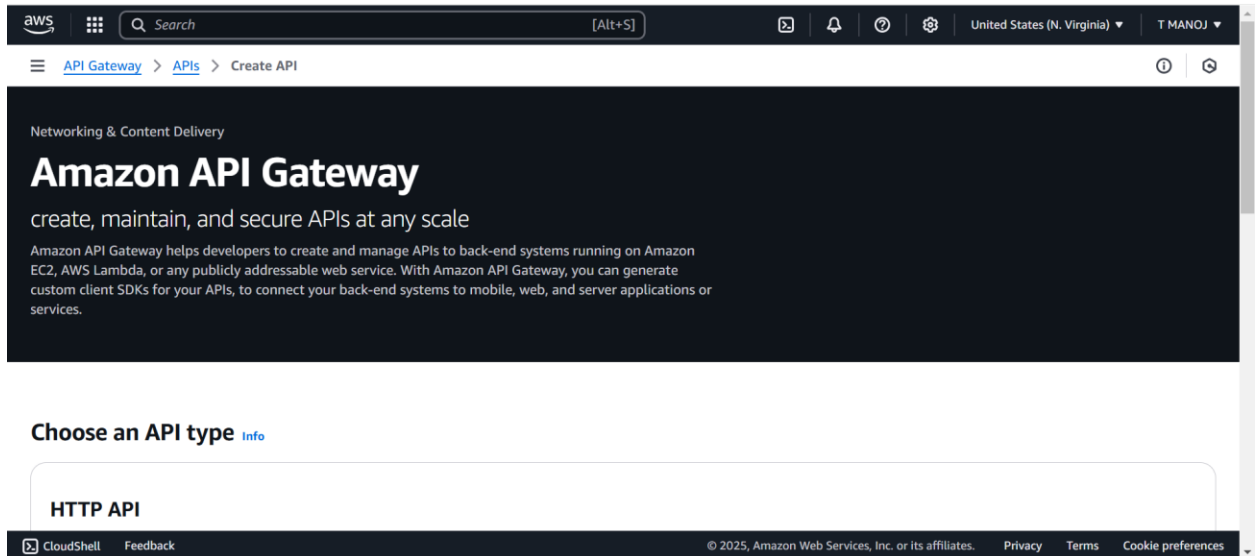
Step 1: Create an AWS Lambda Function

1. Go to AWS Lambda Console and click Create Function.
2. Choose Author from scratch, provide a function name, and select Python as the runtime.
3. Assign an execution role with permissions for API Gateway.
4. Write or upload the Python code for processing API requests.
5. Deploy the function.

Step 2: Create an API Gateway

1. Go to AWS API Gateway Console.
2. Click Create API and select REST API.
3. Choose New API, provide a name, and select Regional deployment.
4. Click Create API.

Step 3: Integrate API Gateway with Lambda

1. Under your API, click Create Resource and provide a resource name (e.g., `/getData`).
2. Click Create Method, select POST/GET, and click the checkmark.
3. Choose Lambda Function as the integration type.
4. Enter the Lambda function name and save.

Step 4: Deploy the API

1. Click Deploy API under Actions.
2. Create a new stage (e.g., dev).
3. Copy the Invoke URL for testing.

API actions ▼   **Deploy API**

Update documentation   Enable CORS

Resource ID
gw2t2bq8e8

Deploy API   ✕

Create or select a stage where your API will be deployed. You can use the deployment history to revert or change the active deployment for a stage. Learn more 🔗

Stage

| *New stage* ▼ |

Stage name

| API |

ⓘ A new stage will be created with the default settings. Edit your stage settings on the **Stage** page.

Deployment description

| API KEY |

Cancel   **Deploy**