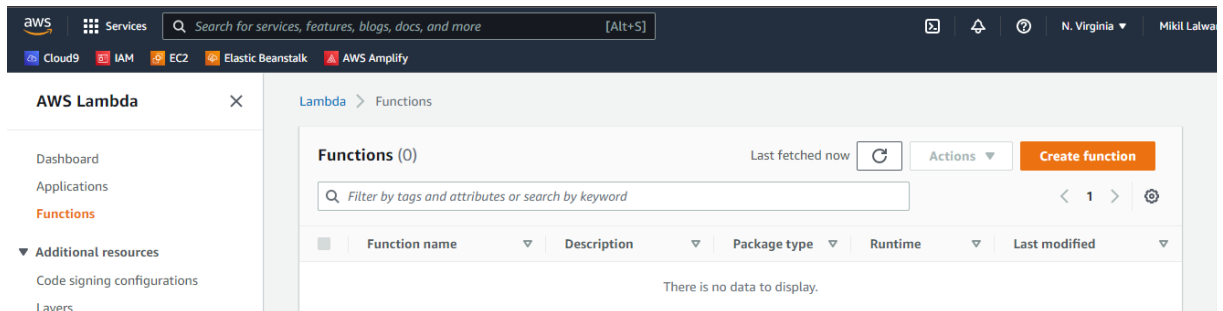


Steps-

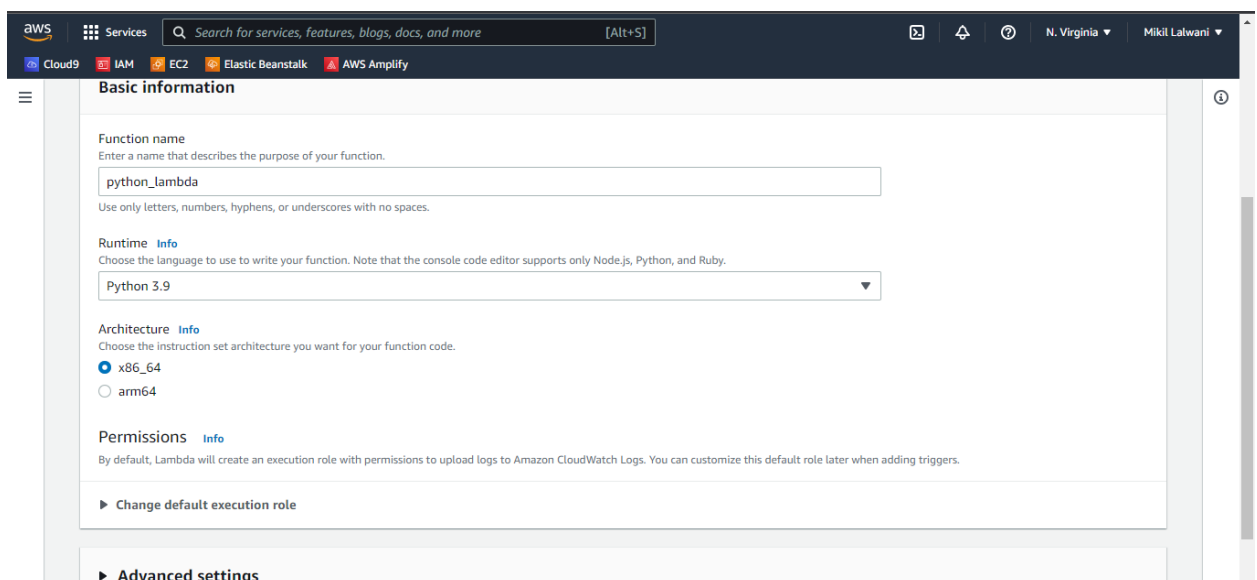
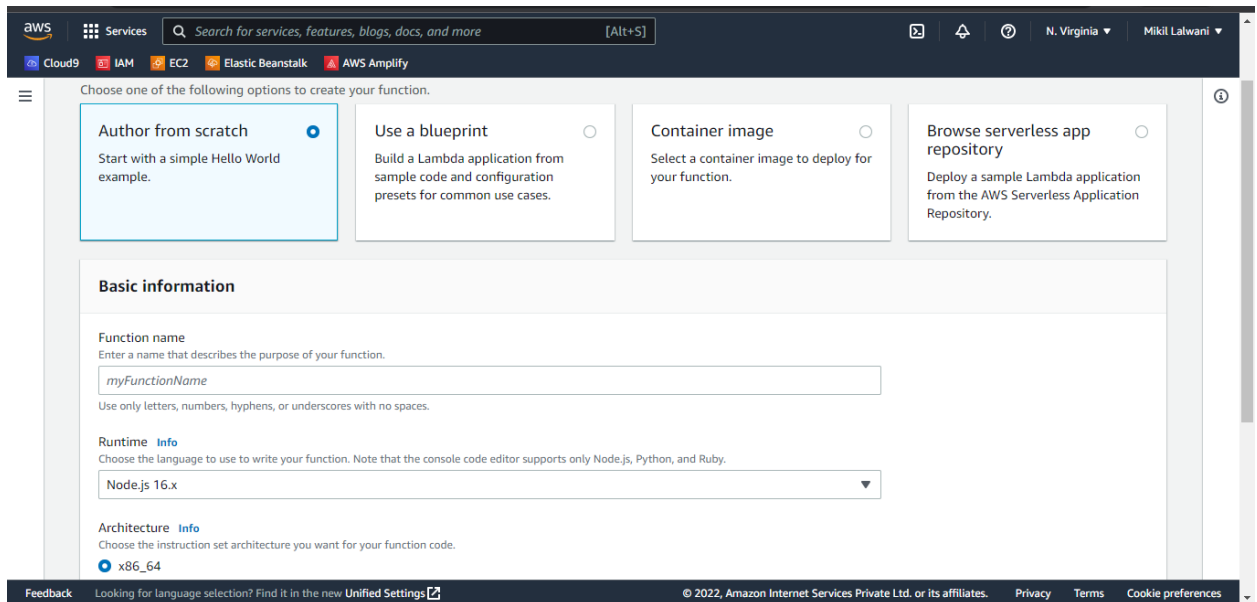
1. Open up the Lambda Console and click on the Create button.
Be mindful of where you create your functions since Lambda is region-dependent.



2. Choose to create a function from scratch or use a blueprint, i.e templates defined by AWS for you with all configuration presets required for the most common use cases.

Then, choose a runtime env for your function, under the dropdown, you can see all the options AWS supports, Python, Nodejs, .NET and Java being the most popular ones.

After that, choose to create a new role with basic Lambda permissions if you don't have an existing one.



Click on the Create button.

3. This process will take a while to finish and after that, you'll get a message that your function was successfully created.
4. To change the configuration, open up the Configuration tab, and under General Configuration, choose Edit.
Here, you can enter a description and change Memory and Timeout. I've changed the Timeout period to 1 sec since that is sufficient for now.

Code
Test
Monitor
Configuration
Aliases
Versions

General configuration
Triggers
Permissions
Destinations
Function URL

General configuration Info

Edit

Description	Memory	Ephemeral storage
-	128 MB	512 MB
Timeout		
0 min 3 sec		

Basic settings Info

Description - optional

Memory Info

Your function is allocated CPU proportional to the memory configured.

128 MB

Set memory to between 128 MB and 10240 MB

Ephemeral storage Info

You can configure up to 10 GB of ephemeral storage (/tmp) for your function. [View pricing](#)

512 MB

Set ephemeral storage (/tmp) to between 512 MB and 10240 MB.

Timeout

0 min 1 sec

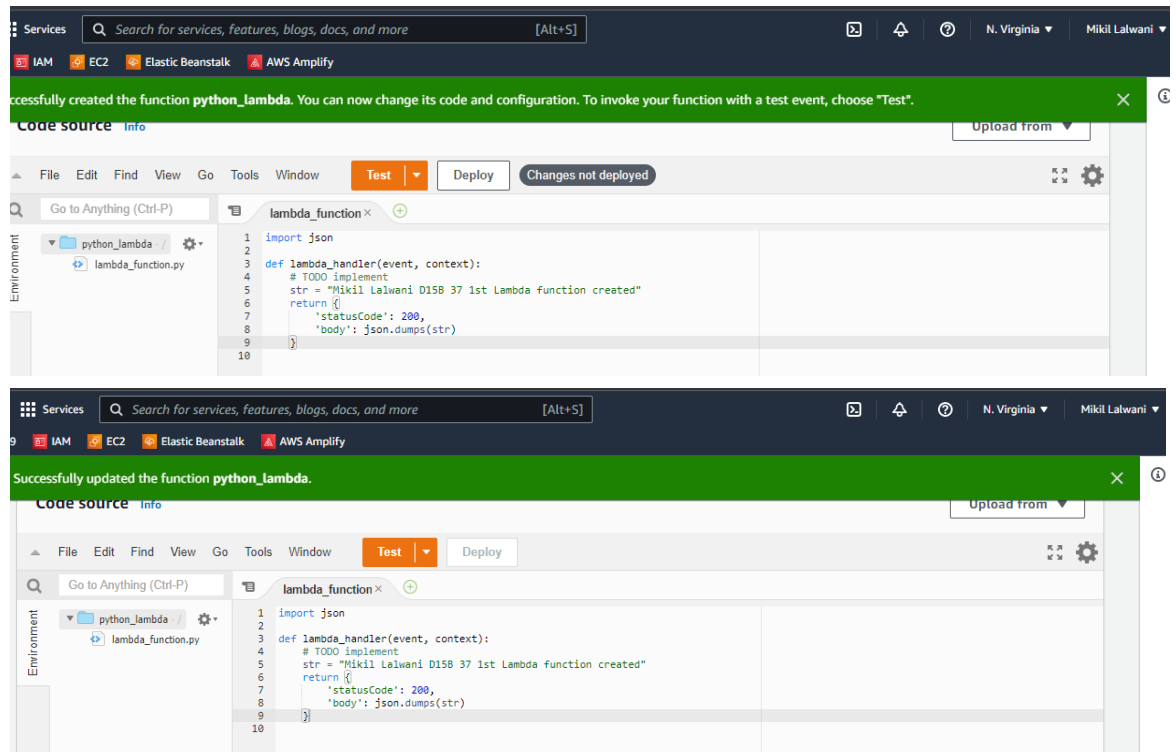
Execution role

Choose a role that defines the permissions of your function. To create a custom role, go to the [IAM console](#).

☒ Use an existing role
☐ Create a new role from AWS policy templates

- You can make changes to your function inside the code editor. You can also upload a zip file of your function or upload one from an S3 bucket if needed.

Press Ctrl + S to save the file and click Deploy to deploy the changes.



6. Click on Test and you can change the configuration, like so. If you do not have anything in the request body, it is important to specify two curly braces as valid JSON, so make sure they are there.

Configure test event

A test event is a JSON object that mocks the structure of requests emitted by AWS services to invoke a Lambda function. Use it to see the function's invocation result.

To invoke your function without saving an event, configure the JSON event, then choose Test.

Test event action

☒ Create new event

☐ Edit saved event

Event name

testevent

Maximum of 25 characters consisting of letters, numbers, dots, hyphens and underscores.

Event sharing settings

☒ Private

This event is only available in the Lambda console and to the event creator. You can configure a total of 10. [Learn more](#)

☐ Shareable

This event is available to IAM users within the same account who have permissions to access and use shareable events. [Learn more](#)

Template - optional

hello-world

Event JSON

Format JSON

7. Now click on Test and you should be able to see the results.

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

Mikil Lalwani

Cloud9

IAM

EC2

Elastic Beanstalk

AWS Amplify

The test event **testevent** was successfully saved.

Code source

Info

Upload from

File

Edit

Find

View

Go

Tools

Window

Test

Deploy

Go to Anything (Ctrl-P)

Environment

python_lambda

lambda_function.py

Execution results

lambda_function

Execution result

Status: Succeeded

Max memory used: 36 MB

Time: 2.90 ms

Test Event Name

testevent

Response

{

"statusCode": 200,

"body": "\Mikil Lalwani 0158 37 1st Lambda function created\""

}

Function Logs

START RequestId: 111dadcd-dd21-4dc8-a03c-4974af8daccl Version: \$LATEST

END RequestId: 111dadcd-dd21-4dc8-a03c-4974af8daccl

REPORT RequestId: 111dadcd-dd21-4dc8-a03c-4974af8daccl Duration: 2.90 ms Billed Duration: 3 ms Memory Size: 128 MB Max Memory Used: 36 MB

Request ID

111dadcd-dd21-4dc8-a03c-4974af8daccl