

The Adventure Continues: Your First AWS Lambda Function

So, you've decided to join the ranks of cloud sorcerers with AWS Lambda. Let's create something magical, shall we?

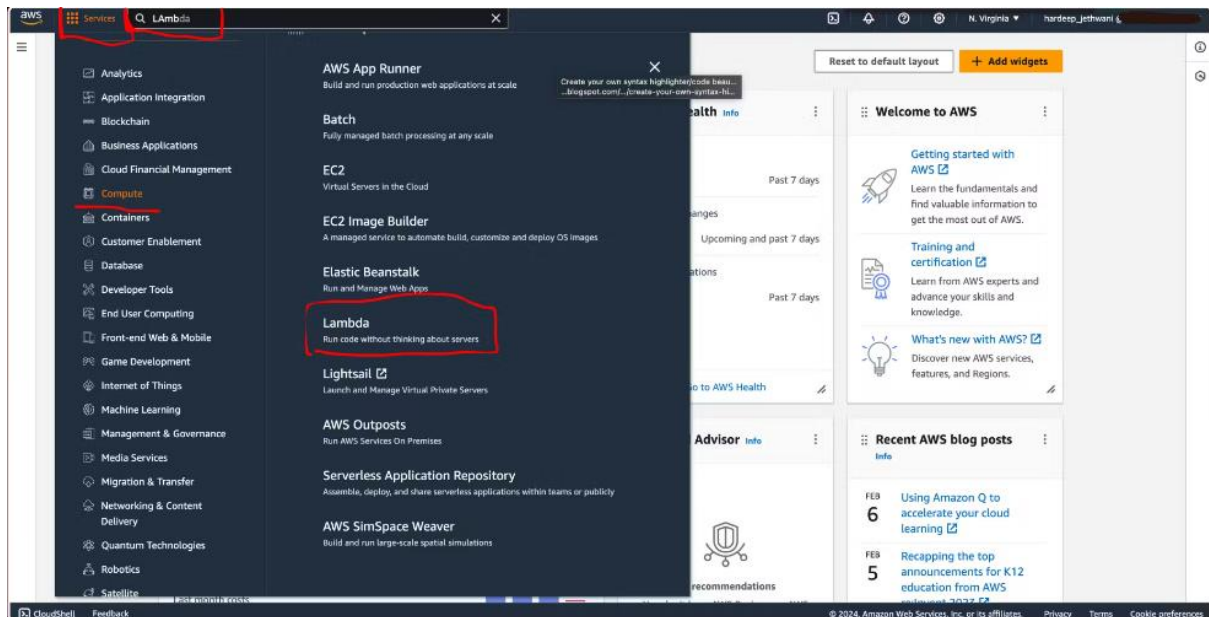
Step 1: The Summoning (Signing Up for AWS)

If you haven't already joined the AWS coven, it's time to sign up. Navigate to the [AWS Management Console](#) and pledge your allegiance. As a newcomer, you'll be granted access to the AWS Free Tier, which is like the cloud's version of a free trial potion.

Step 2: Entering the Secret Chamber (Navigating to the AWS Lambda Console)

Once you've crossed the threshold into the AWS realm:

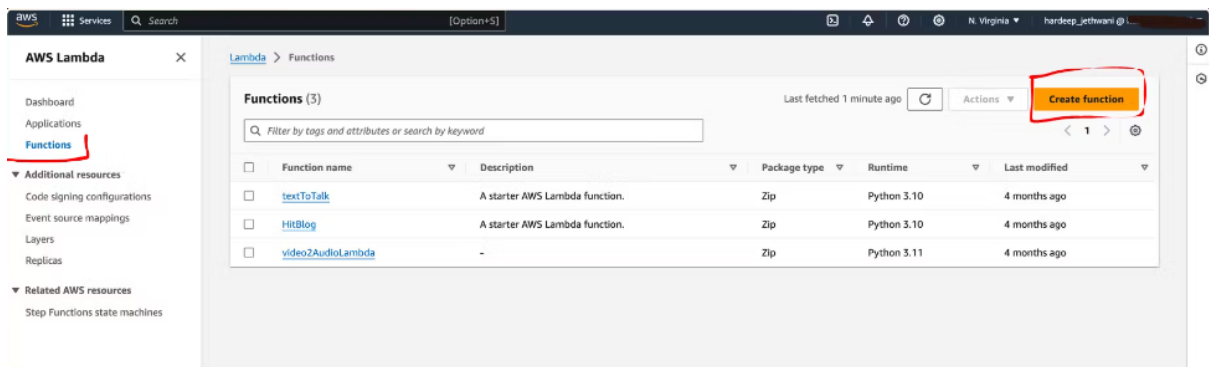
- Seek out "Services" in the top menu, as if looking for a hidden spellbook.
- Click on "Lambda" under "Compute" or you can directly search for "Lambda" in the search box—it's not guarded by a dragon, fortunately.



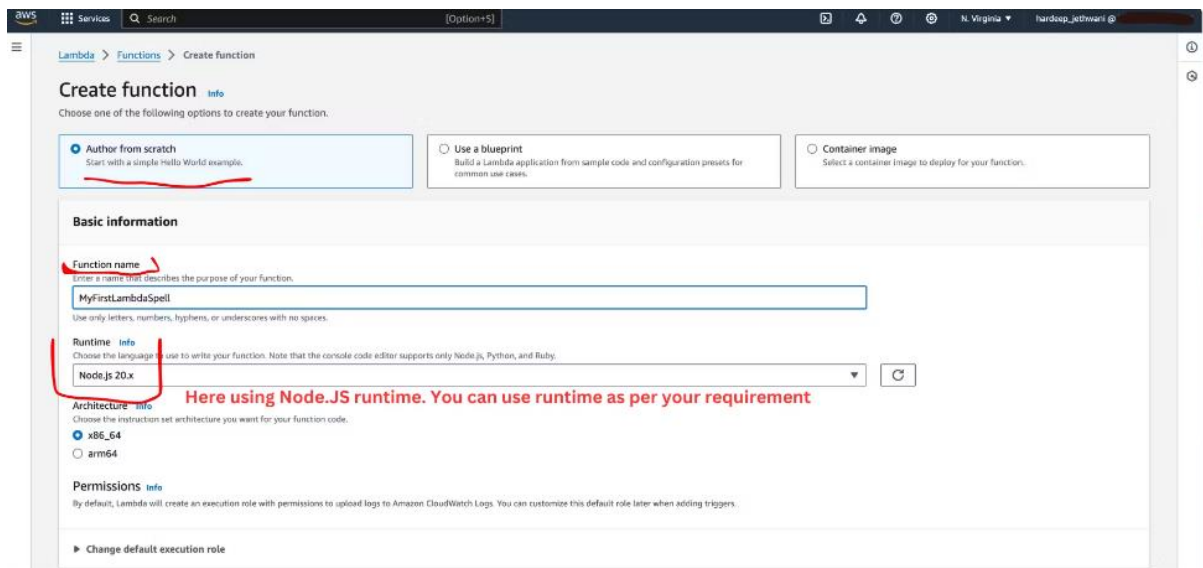
Step 3: The Incantation Begins (Creating a New Lambda Function)

Here, in the Lambda console:

- Hit “Create function” like you're summoning a familiar.



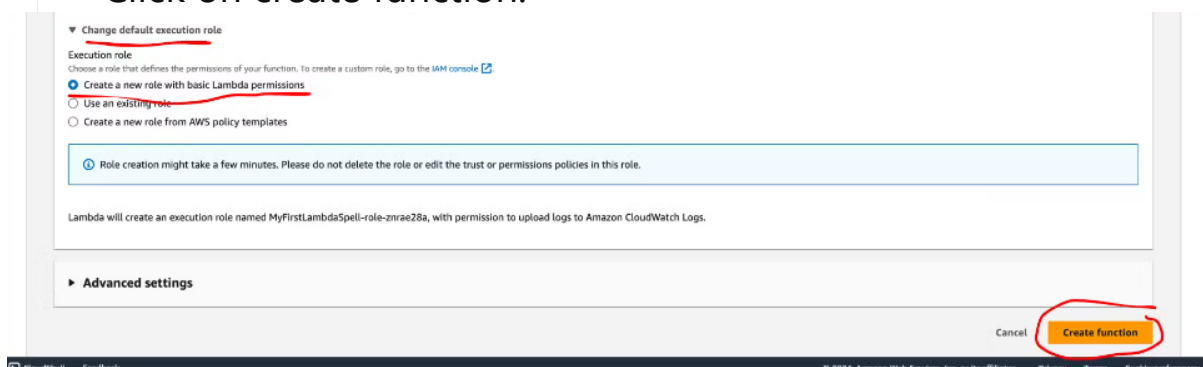
- Opt for “Author from scratch” because original spells are more potent.
- Give your function a mystical name, like “MyFirstLambdaSpell.”
- Choose a runtime; AWS Lambda is multilingual, from the ancient tongues of Node.js to the runes of Python. Here in this blog, I have made use of Node.JS runtime. You can choose runtime according to your needs.



Step 4: Bestowing Powers (Set Up Permissions)

Even wizards need permissions:

- Choose “Create a new role with basic Lambda permissions” unless you've already conjured one before.
- This role is like your function's magical amulet, granting it the power to perform tasks, like writing logs to Amazon CloudWatch.
- Click on create function.

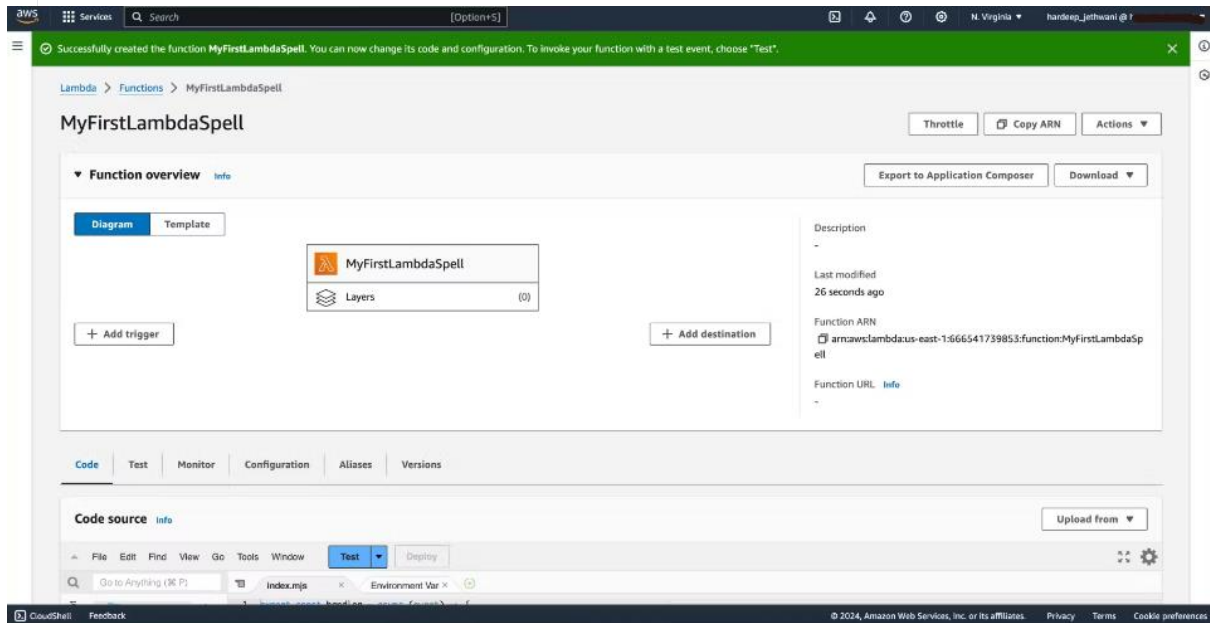


Step 5: The Spellcraft (Writing Your Function Code)

Now, for the heart of the spell:

- In the “Function code” section, an editor awaits your incantations.

- For a simple charm, let's write a function that echoes "Hello, World" from the ethers.



Example in Node.js:

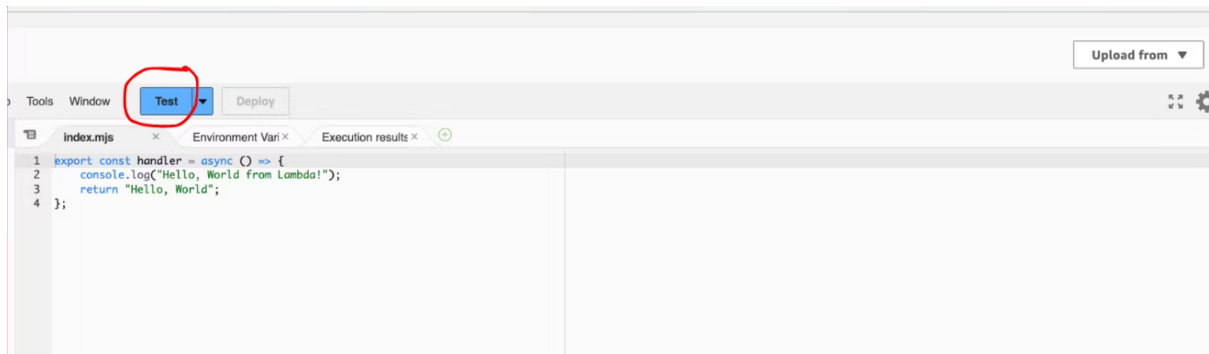
```
export const handler = async (event) => {
  console.log("Hello, World from Lambda!");
  return "Hello, World";
};
```

- Don't miss packing your potion by hitting on the "Deploy" button

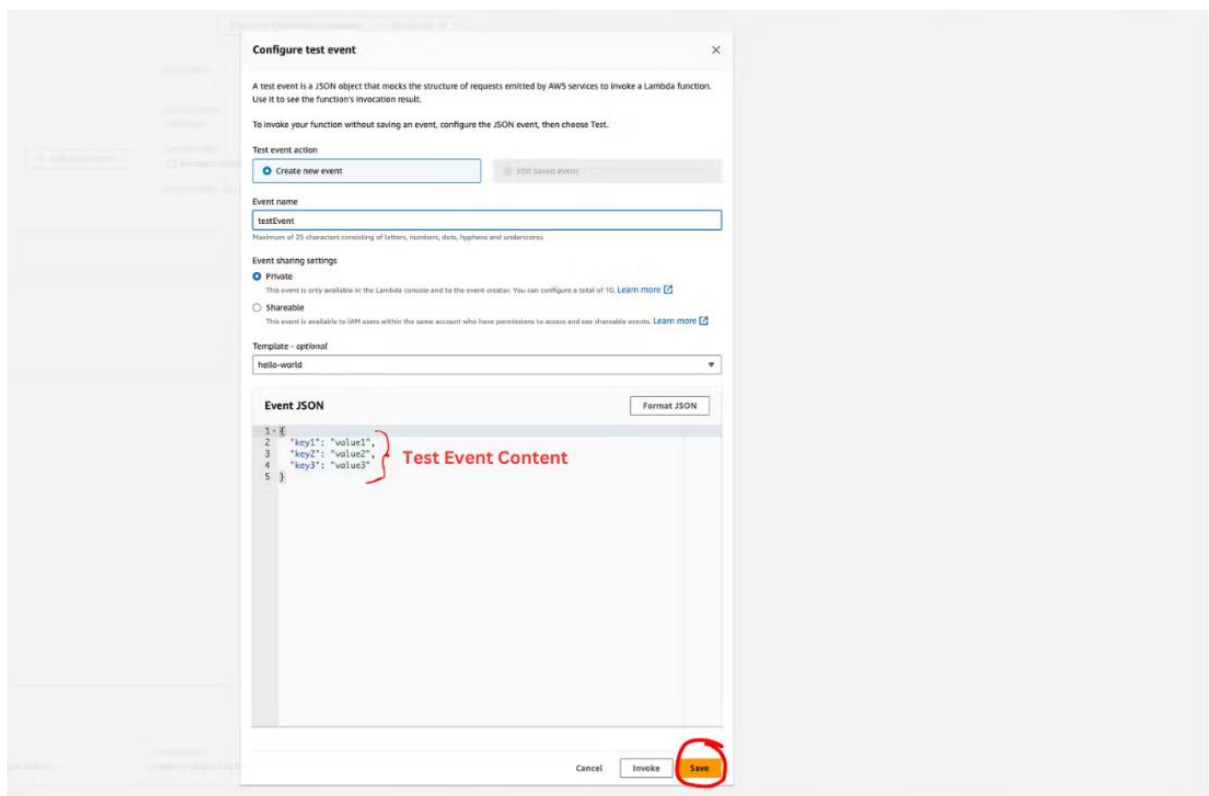
Step 6: Testing the Lambda Function (Configure Your Test Event)

Before unleashing your spell:

- Hit "Test" to create a test event. The default potion (test request content) recipe should be sufficient, as we are not using any of the parameters in our Lambda function as of now.

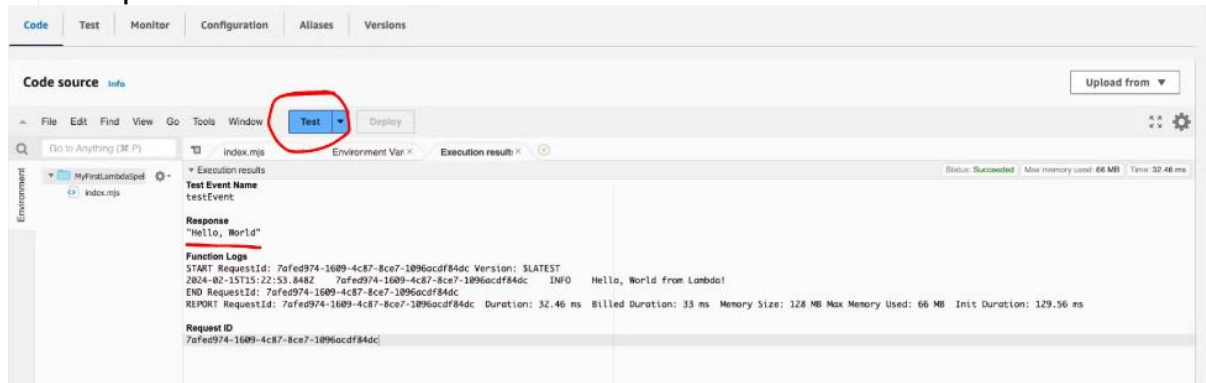


- Name your test Event, something like "testEvent" (you can name anything as per your convenience) and save it



Step 7: Releasing the Magic (Testing Your Lambda Function)

- With your potion ready, click “Test” once more.
- If the stars align and your console returns “Hello, World,” your spell has worked!



Step 8: Beyond the Veil (Explore More)

You've taken your first step into a larger world:

- Experiment with different spells and incantations.
- Consider binding your Lambda spell to other mystical AWS services.