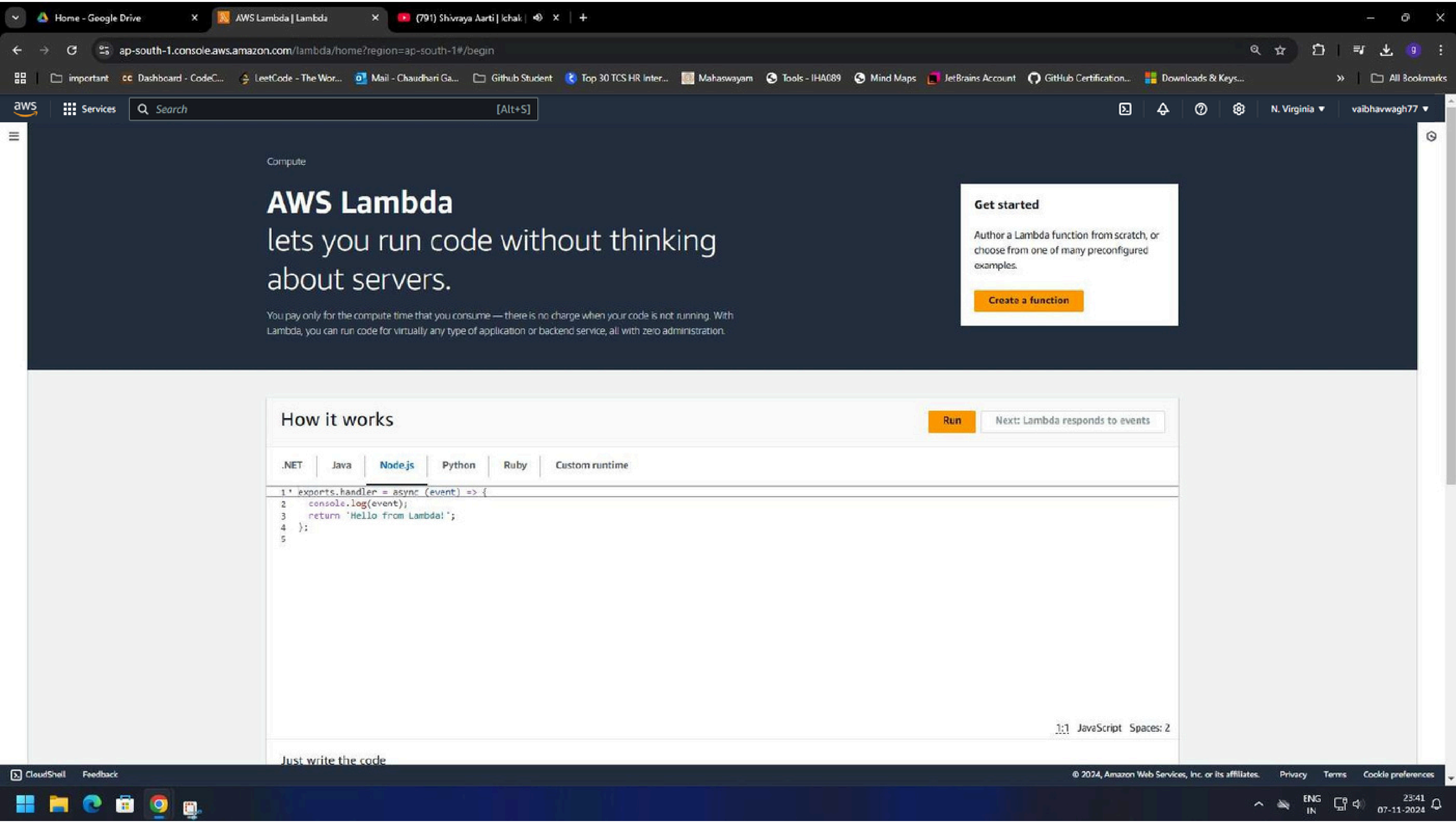


Compute

AWS Lambda

lets you run code without thinking about servers.

You pay only for the compute time that you consume — there is no charge when your code is not running. With Lambda, you can run code for virtually any type of application or backend service, all with zero administration.

Get started

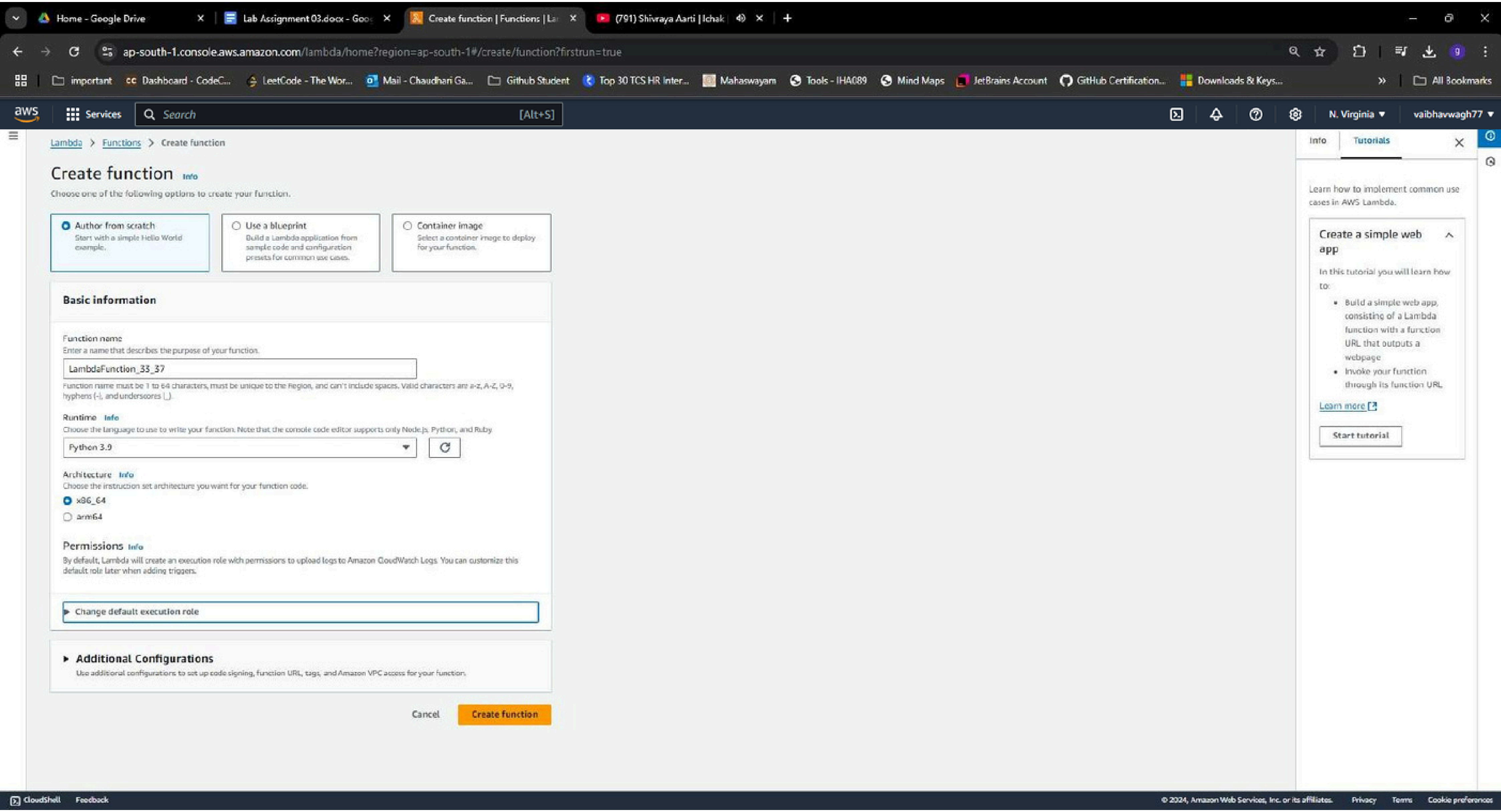
Author a Lambda function from scratch, or choose from one of many preconfigured examples.

How it works

```
exports.handler = async (event) => {
  console.log(event);
  return 'Hello from Lambda!';
};

```

Just write the code



Create function Info

Choose one of the following options to create your function.

● Author from scratch
Start with a simple Hello World example.

○ Use a blueprint
Build a Lambda application from sample code and configuration presets for common use cases.

○ Container image
Select a container image to deploy for your function.

Basic information

Function name
Enter a name that describes the purpose of your function.

LambdaFunction_33_37

Function name must be 1 to 64 characters, must be unique to the Region, and can't include spaces. Valid characters are a-z, A-Z, 0-9, hyphens (-), and underscores (_).

Runtime Info
Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby

Python 3.9

Architecture Info
Choose the instruction set architecture you want for your function code.

● x86_64
○ arm64

Permissions Info
By default, Lambda will create an execution role with permissions to upload logs to Amazon CloudWatch Logs. You can customize this default role later when adding triggers.

▶ Change default execution role

▶ Additional Configurations
Use additional configurations to set up code signing, function URL, tags, and Amazon VPC access for your function.

Cancel   Create function

Learn how to implement common use cases in AWS Lambda.

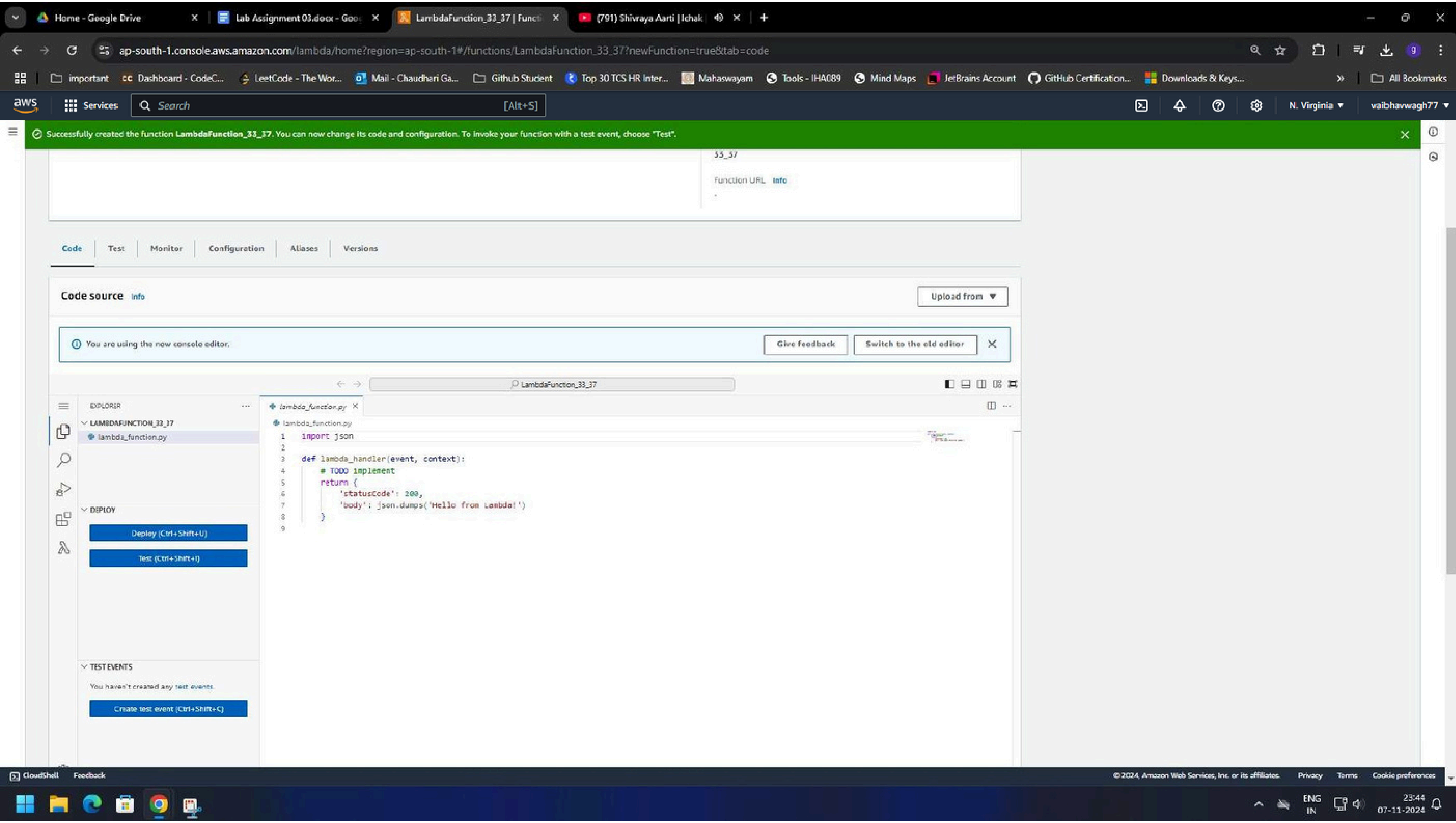
Create a simple web app

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

Learn more

Start tutorial



Successfully created the function **LambdaFunction_33_37**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

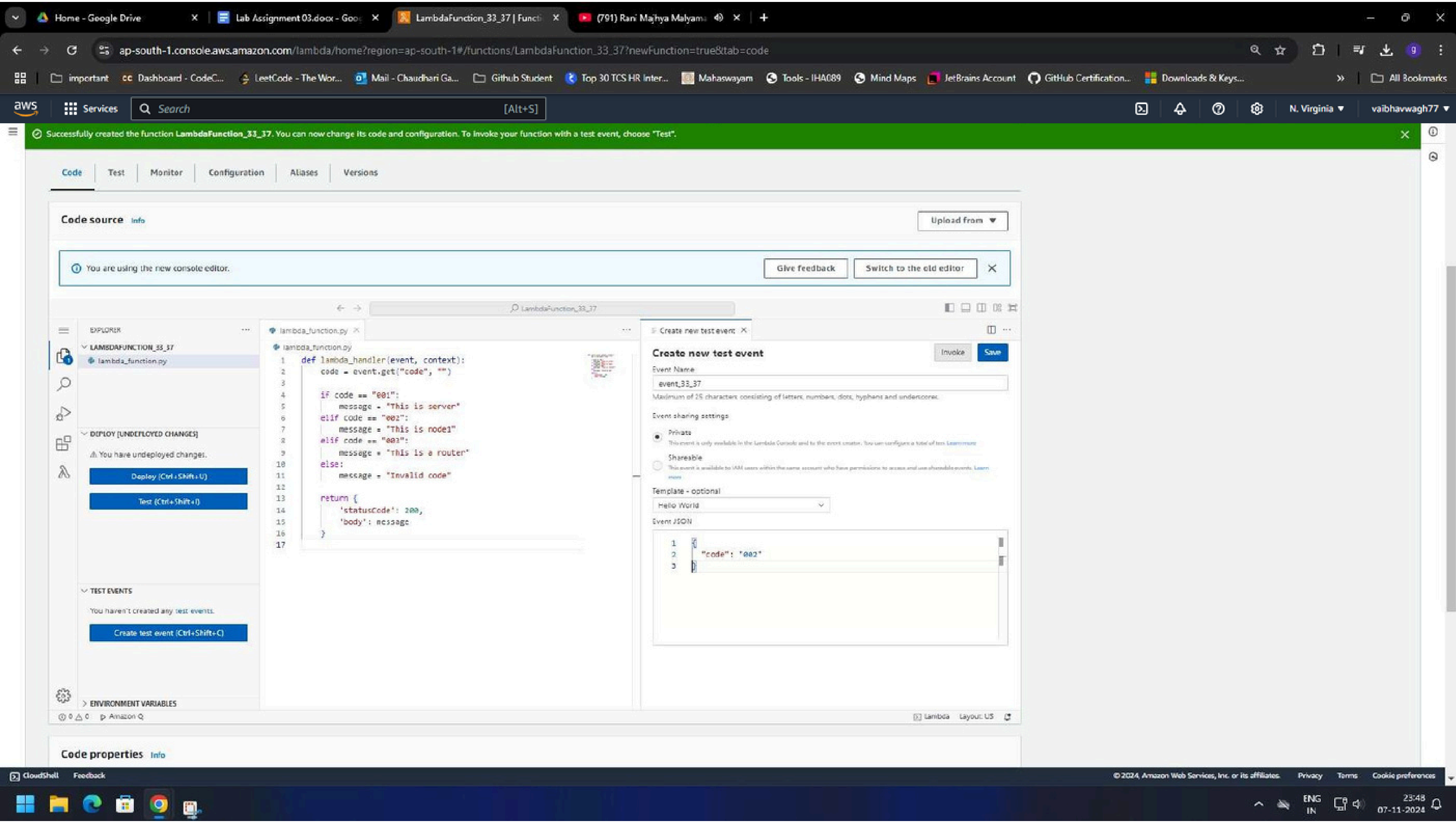
You are using the new console editor.

You haven't created any test events.

```python
import json

def lambda_handler(event, context):
    # TODO implement
    return {
        'statusCode': 200,
        'body': json.dumps('Hello from Lambda!')
    }

```



Successfully created the function **LambdaFunction_33_37**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

Code source

You are using the new console editor.

lambda_function.py

```python
def lambda_handler(event, context):
    code = event.get("code", "")

    if code == "001":
        message = "This is server"
    elif code == "002":
        message = "This is node1"
    elif code == "003":
        message = "This is a router"
    else:
        message = "Invalid code"

    return {
        'statusCode': 200,
        'body': message
    }
```

DEPLOY [UNDEPLOYED CHANGES]

⚠ You have undeployed changes.

TEST EVENTS

You haven't created any test events.

Create new test event

Event Name: event_33_37

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

Event sharing settings

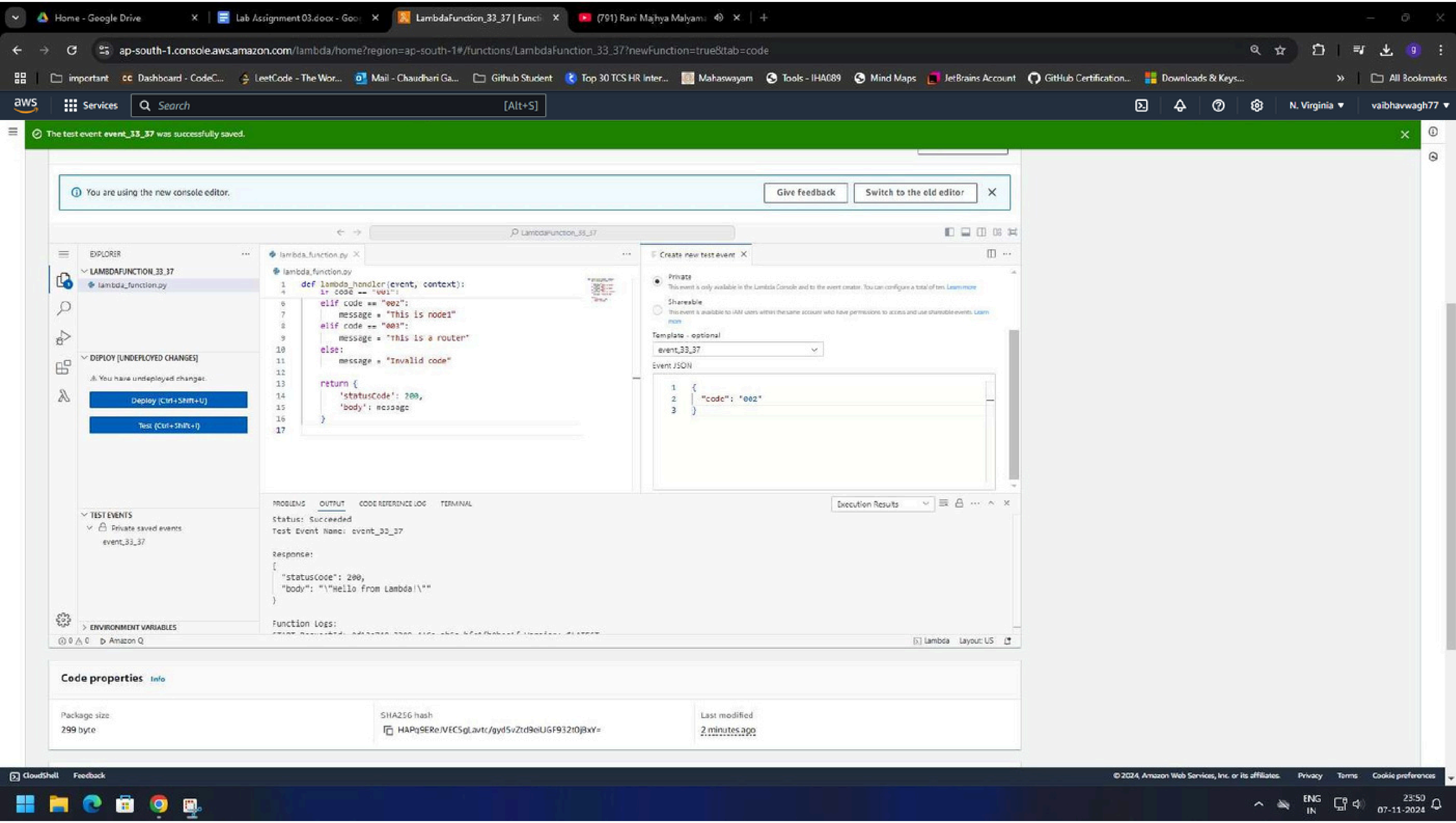
● Private
This event is only available in the Lambda Console and to the event creator. You can configure a total of ten. Learn more

○ 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

```json
{
  "code": "002"
}
```



The test event **event_33_37** was successfully saved.

You are using the new console editor.

⚠ You have undeployed changes.

lambda_function.py

```
def lambda_handler(event, context):
    if code == "001":
    elif code == "002":
        message = "This is node1"
    elif code == "003":
        message = "This is a router"
    else:
        message = "Invalid code"

    return {
        'statusCode': 200,
        'body': message
    }
```

● Private

This event is only available in the Lambda Console and to the event creator. You can configure a total of ten. 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

```
{
  "code": "002"
}
```

```
Status: Succeeded
Test Event Name: event_33_37

Response:
{
  "statusCode": 200,
  "body": "\"Hello from Lambda!\""
}

Function Logs:
```

Code properties Info

Package size	SHA256 hash	Last modified
299 byte	HAPq9ERe/VEC5gLavtc/gyd5vZtd9eiUGF932t0jBxY=	2 minutes ago