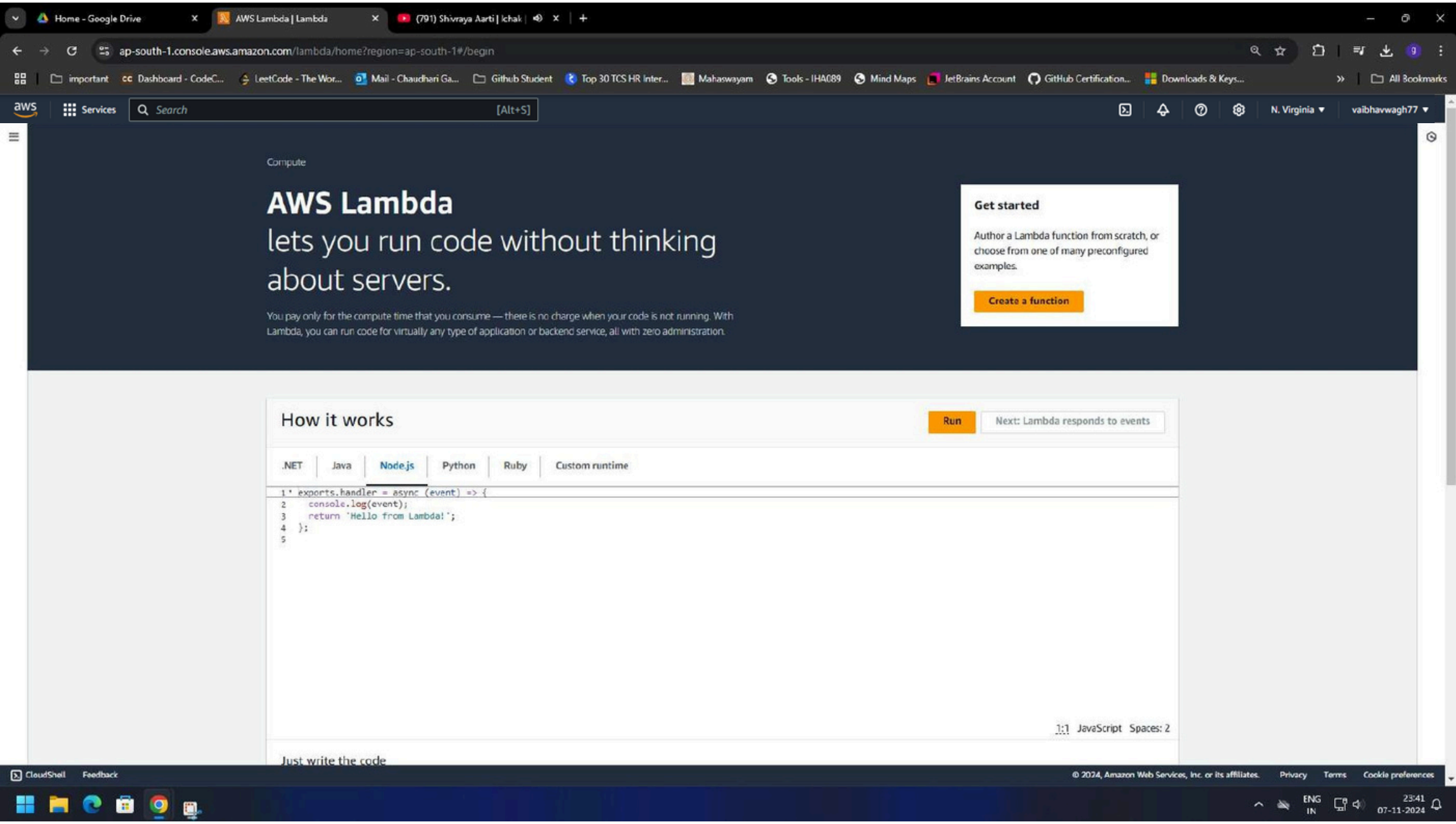
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AWS Lambda | Lambda
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ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/begin
aws
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Compute
AWS Lambda
lets you run code without thinking 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.
Create a function
How it works
Run
Next: Lambda responds to events
.NET
Java
Node.js
Python
Ruby
Custom runtime
1 exports.handler = async (event) => {
2 console.log(event);
3 return 'Hello from Lambda!';
4 };
5
1:1 JavaScript Spaces: 2
Just write the code
CloudShell
Feedback
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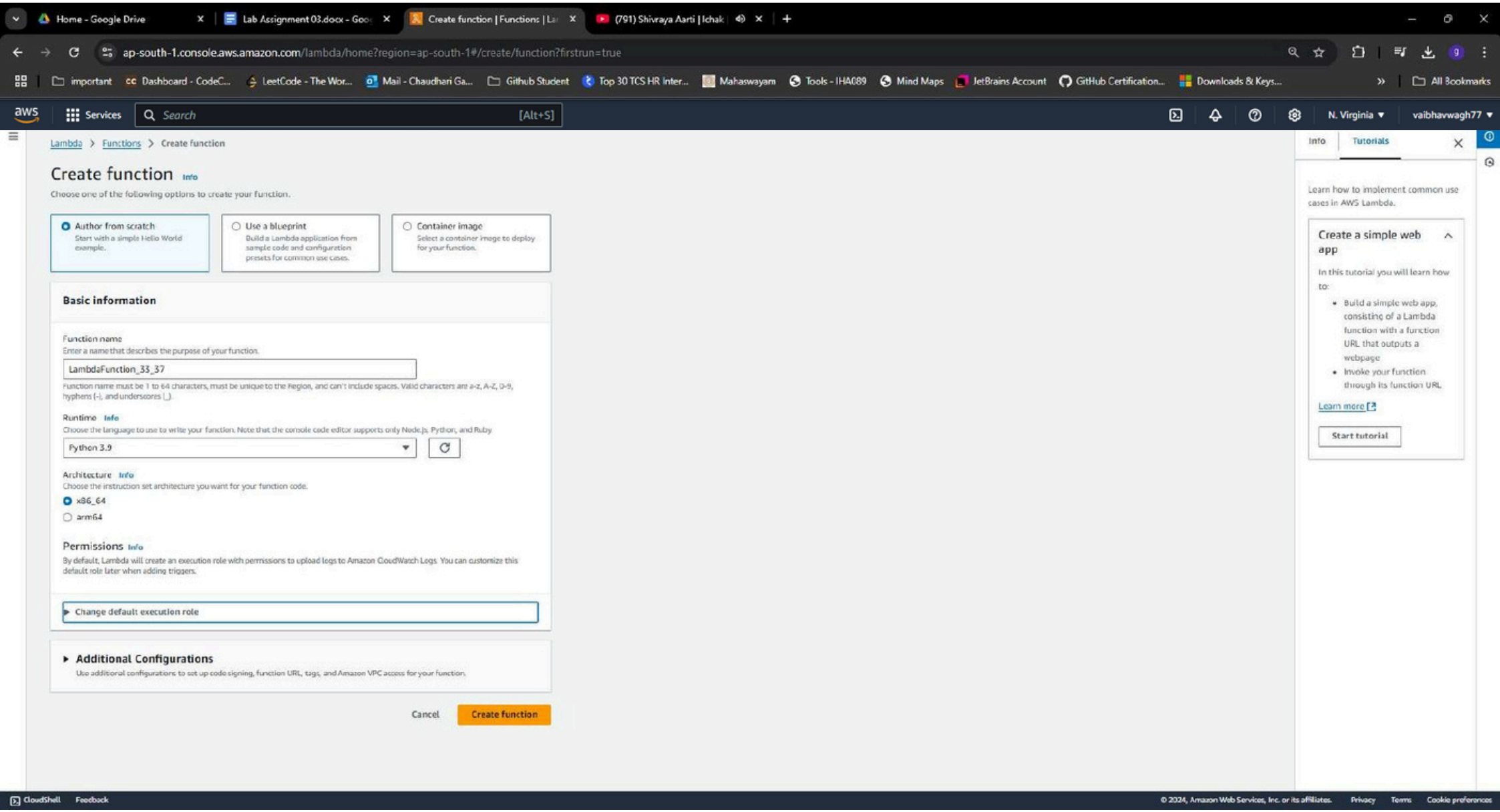
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Lab Assignment 03.docx - Goo
Create function | Functions | La
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ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/create/function?firstrun=true
important
Dashboard - CodeC...
LeetCode - The Wor...
Mail - Chaudhari Ga...
Github Student
Top 30 TCS HR Inter...
Mahaswayam
Tools - IHA089
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Lambda > Functions > Create function
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
Info
Tutorials
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
CloudShell
Feedback
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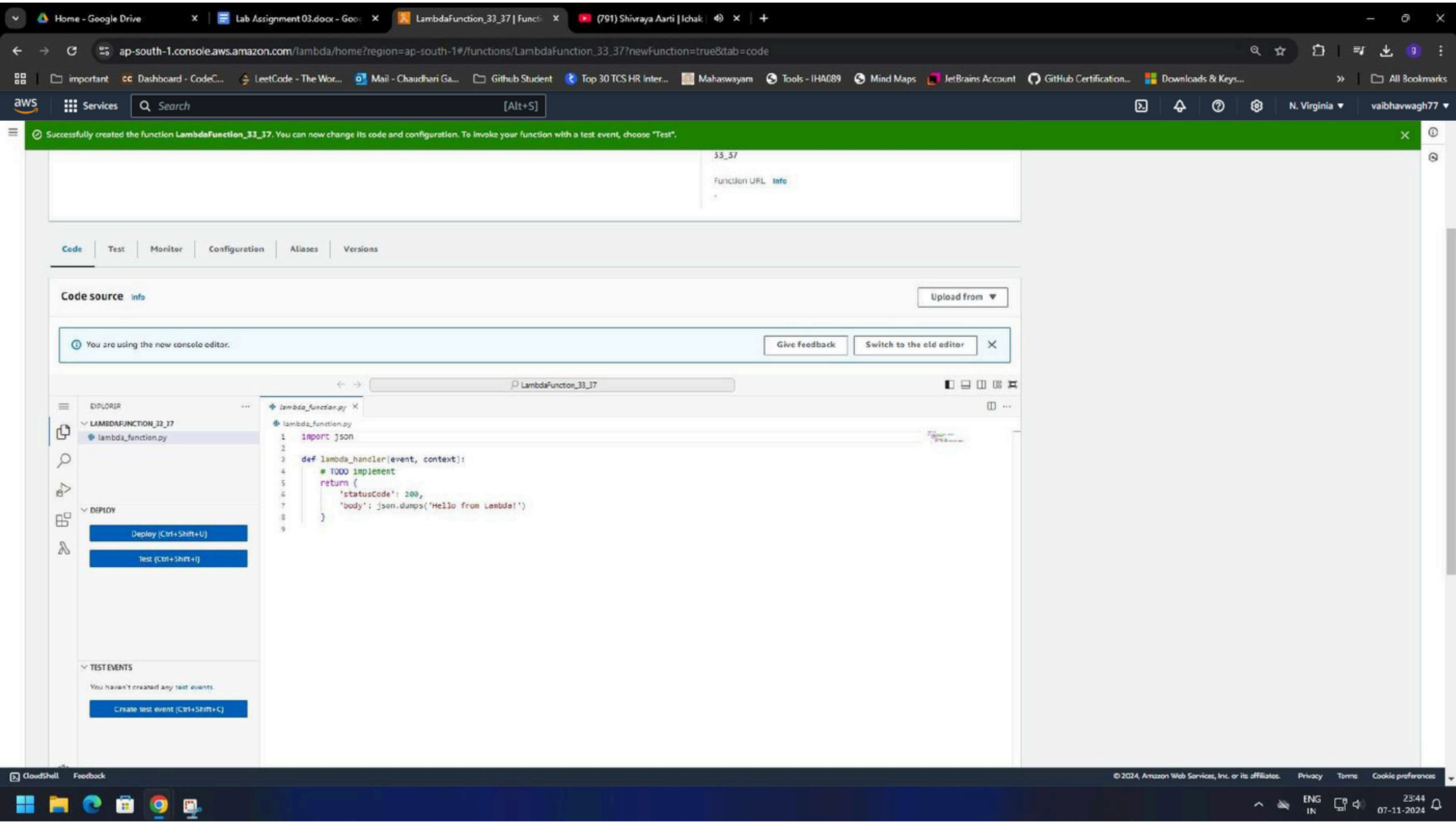
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LambdaFunction_33_37 | Funct
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ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/LambdaFunction_33_37?newFunction=true&tab=code
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Successfully created the function LambdaFunction_33_37. You can now change its code and configuration. To invoke your function with a test event, choose "Test".
Function URL Info
Code
Test
Monitor
Configuration
Aliases
Versions
Code source Info
Upload from
You are using the new console editor.
Give feedback
Switch to the old editor
LambdaFunction_33_37
EXPLORER
LAMBDAFUNCTION_33_37
lambda_function.py
import json
def lambda_handler(event, context):
# TODO implement
return {
'statusCode': 200,
'body': json.dumps('Hello from Lambda!')
}
DEPLOY
Deploy (Ctrl+Shift+U)
Test (Ctrl+Shift+I)
TEST EVENTS
You haven't created any test events
Create test event (Ctrl+Shift+C)
CloudShell
Feedback
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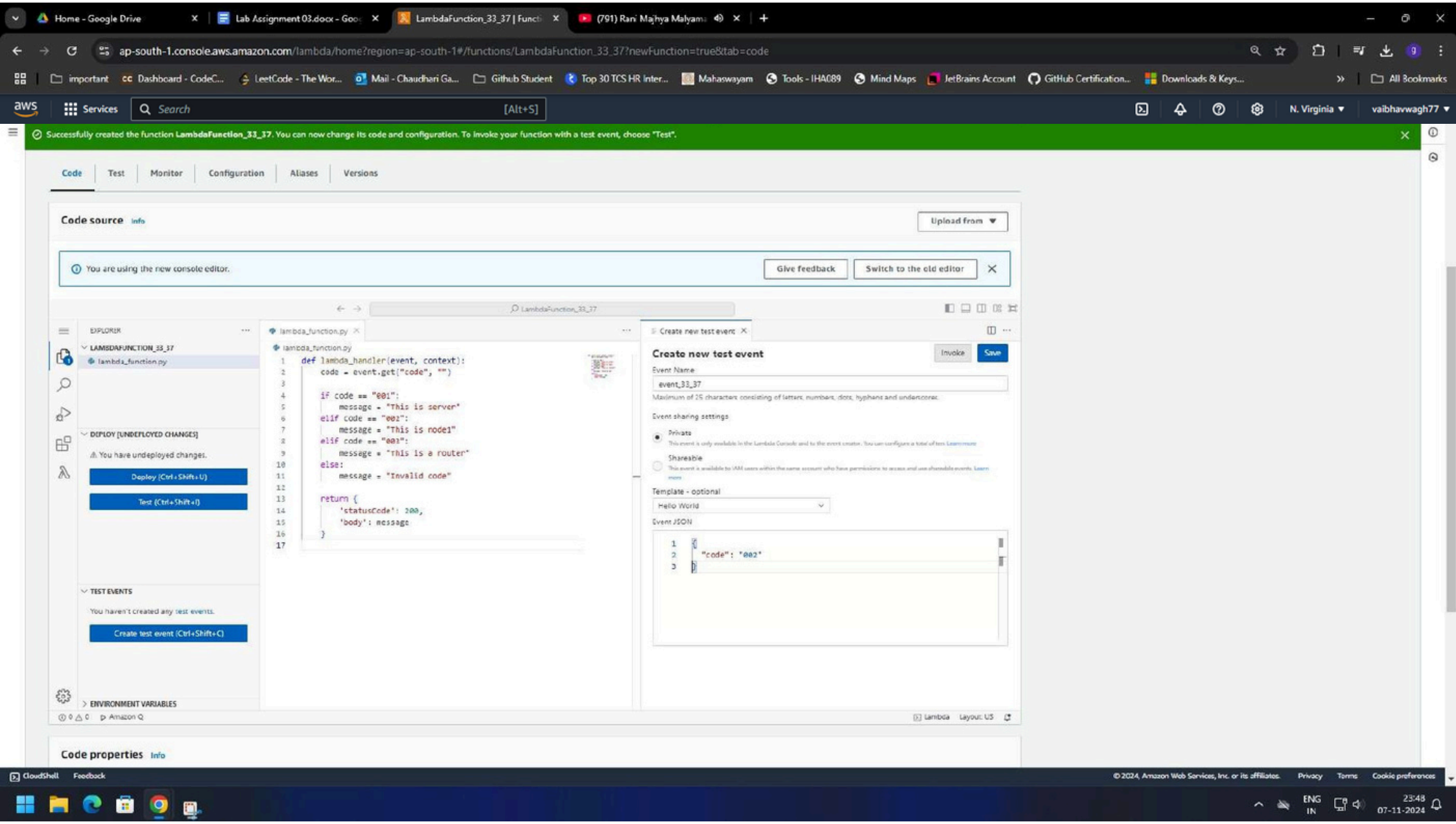
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LambdaFunction_33_37 | Funct
(791) Rani Majhya Malyam
ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/LambdaFunction_33_37?newFunction=true&tab=code
important
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Successfully 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
Test
Monitor
Configuration
Aliases
Versions
Code source Info
Upload from
You are using the new console editor.
Give feedback
Switch to the old editor
EXPLORER
LAMBDAFUNCTION_33_37
lambda_function.py
DEPLOY [UNDEPLOYED CHANGES]
You have undeployed changes.
Deploy (Ctrl+Shift+U)
Test (Ctrl+Shift+I)
TEST EVENTS
You haven't created any test events.
Create test event (Ctrl+Shift+C)
ENVIRONMENT VARIABLES
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
}
Create new test event
Create new test event
Invoke
Save
Event Name
event_33_37
Maximum of 25 characters consisting of letters, numbers, dots, hyphens and underscores.
Event sharing settings
Private
Shareable
Template - optional
Hello World
Event JSON
{
"code": "002"
}
Code properties Info
CloudShell
Feedback
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23:48
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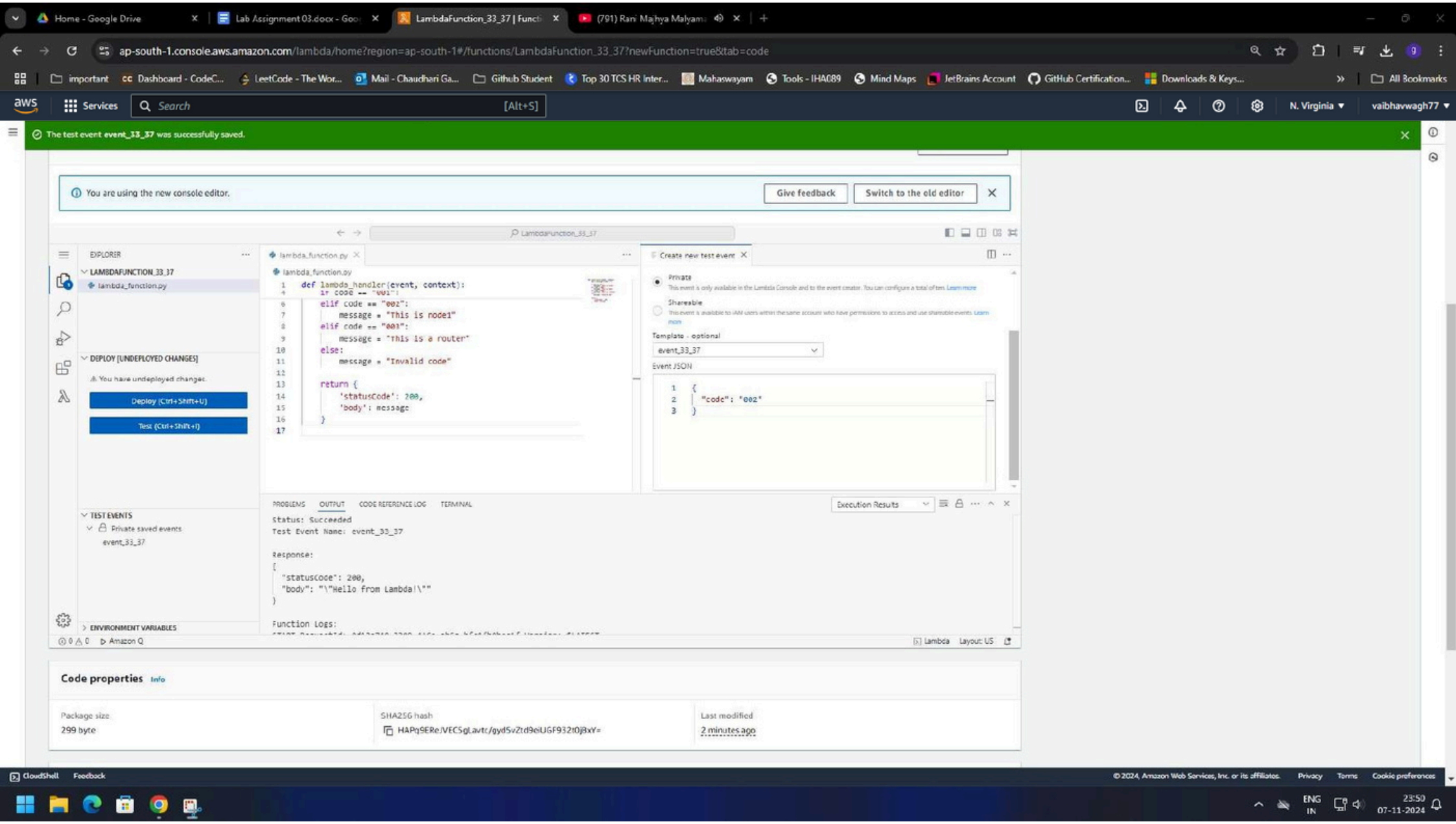
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LambdaFunction_33_37 | Functi
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ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/LambdaFunction_33_37?newFunction=true&tab=code
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The test event event_33_37 was successfully saved.
You are using the new console editor.
Give feedback
Switch to the old editor
EXPLORER
LAMBDAFUNCTION_33_37
lambda_function.py
DEPLOY [UNDEPLOYED CHANGES]
You have undeployed changes.
Deploy (Ctrl+Shift+U)
Test (Ctrl+Shift+I)
TEST EVENTS
Private saved events
event_33_37
ENVIRONMENT VARIABLES
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
}
Create new test event
Private
Shareable
Template - optional
event_33_37
Event JSON
{
"code": "002"
}
PROBLEMS
OUTPUT
CODE REFERENCE LOG
TERMINAL
Execution Results
Status: Succeeded
Test Event Name: event_33_37
Response:
{
"statusCode": 200,
"body": "\"Hello from Lambda!\""
}
Function Logs:
Amazon Q
Lambda
Layout: US
Code properties
Info
Package size
299 byte
SHA256 hash
HAPq9ERe/VECSgLavtc/gyd5vZtd9eiUGF932t0jBxY=
Last modified
2 minutes ago
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