Project 2

show integration between AWS Lambda and AWS API Gateway:

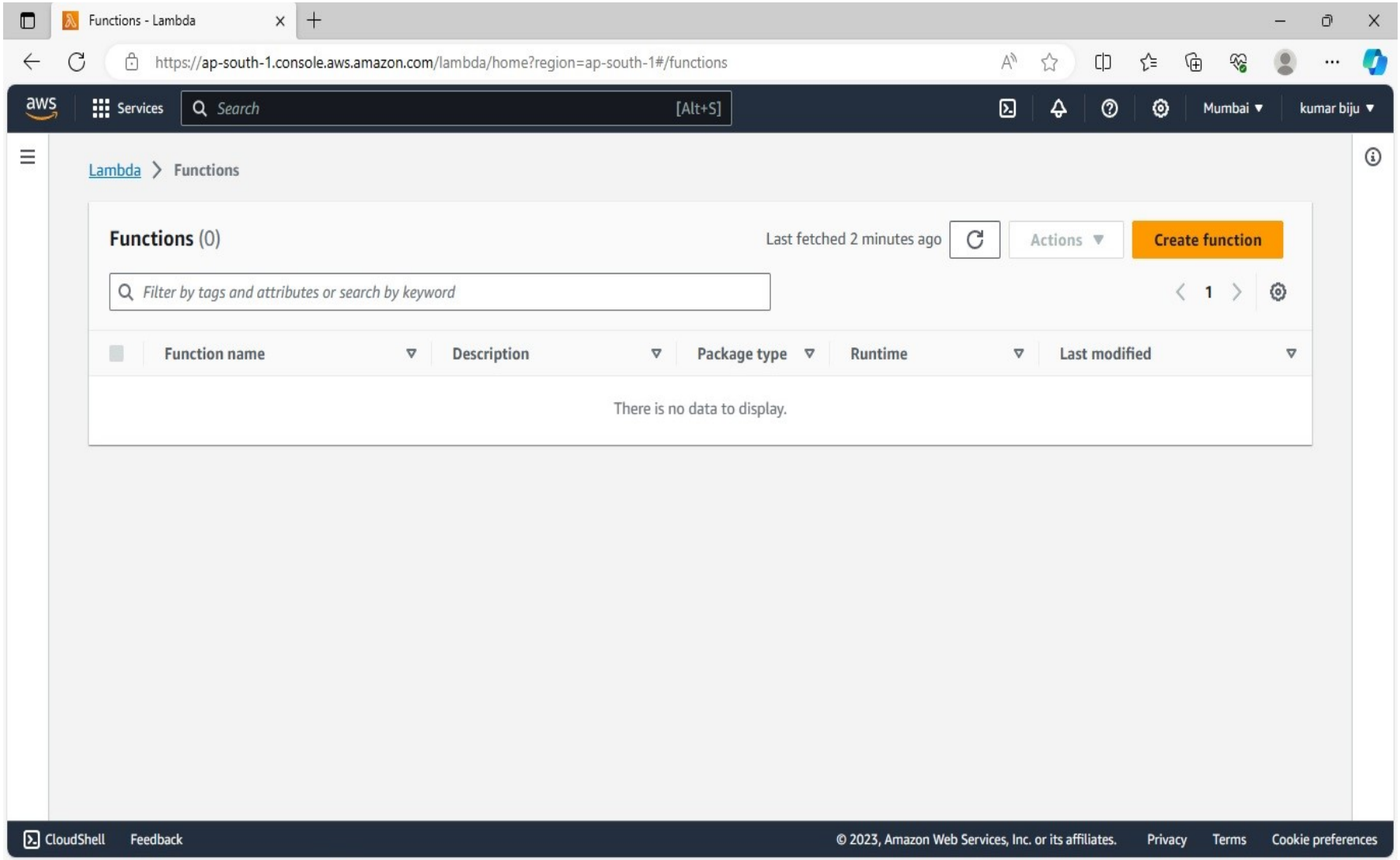
you should be calling 2 endpoints over the API Gateway.

1) Respond with hello world (Python/node.js)

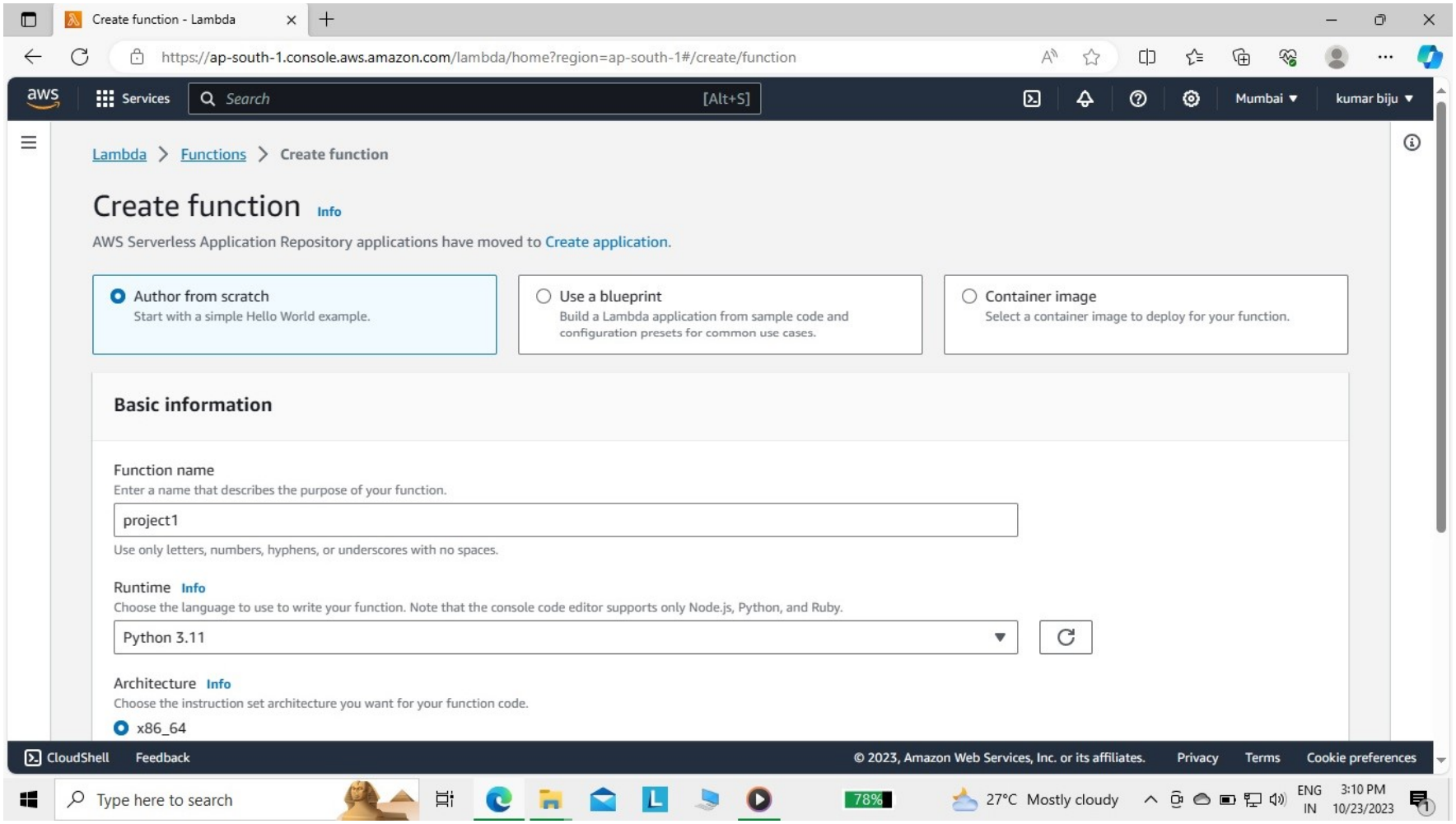
2) Respond with current date and time (Python/node.js)

Architecture Diagram of AWS Lambda +AWS API

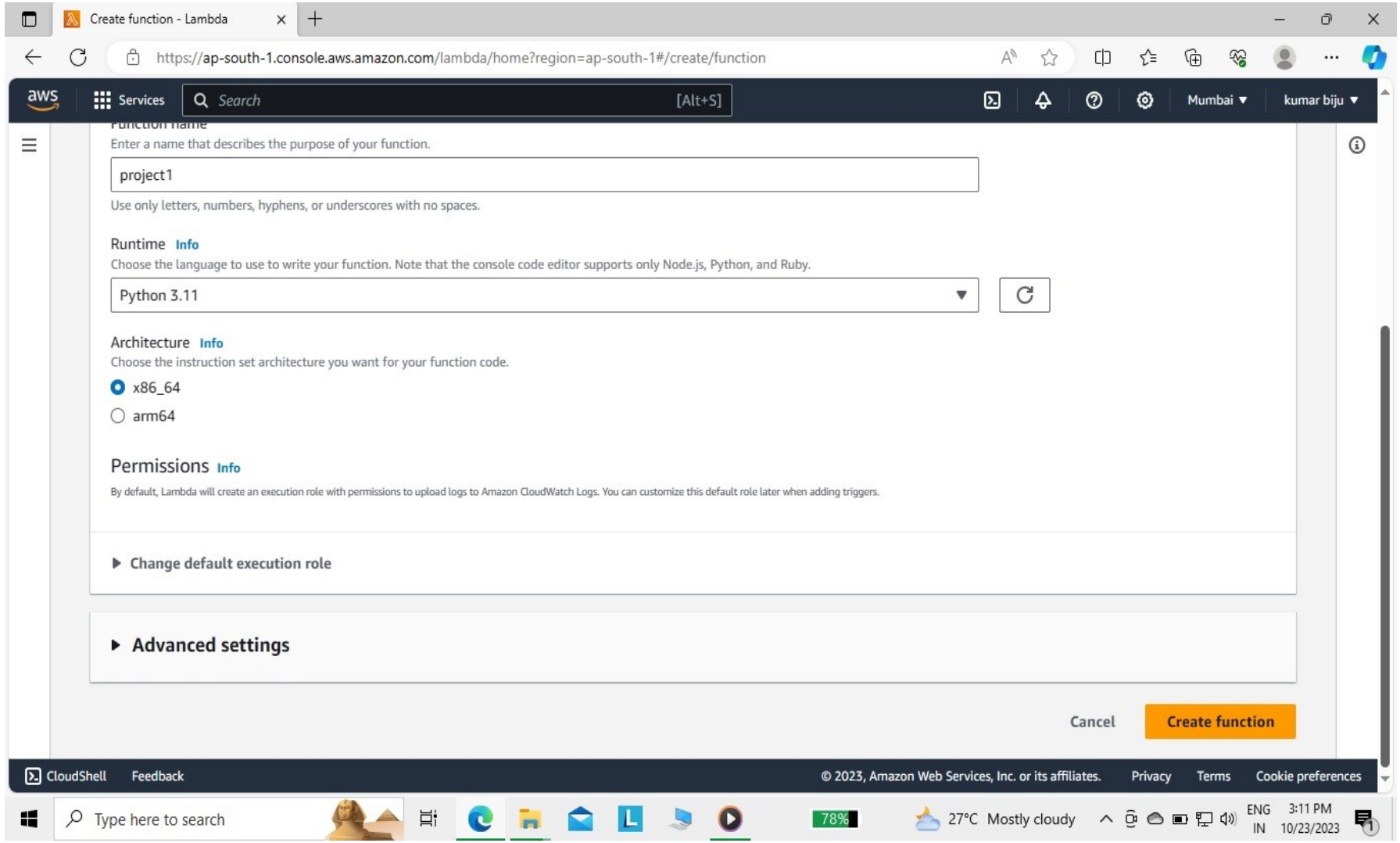
1.Create a Lambda Function



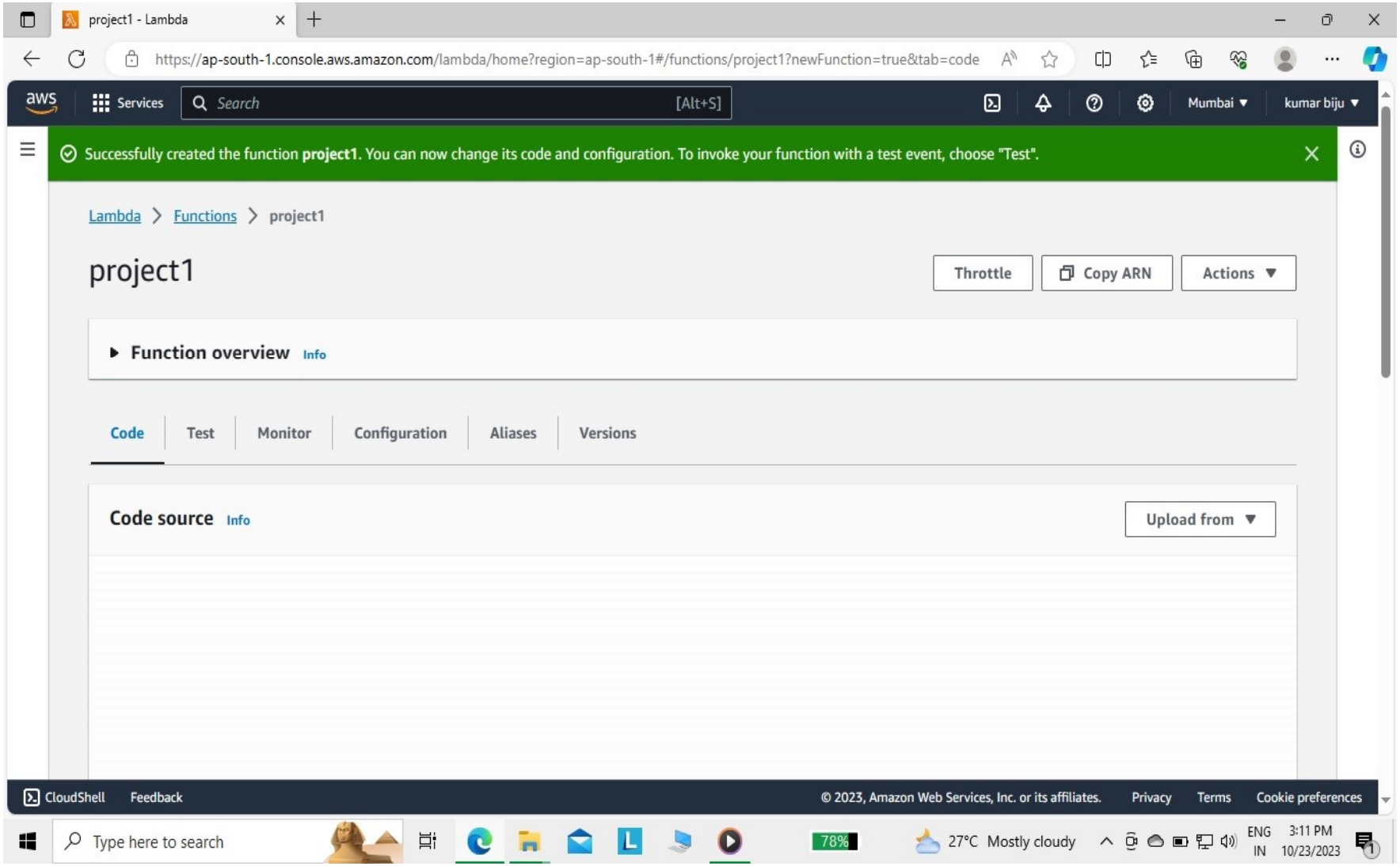
Go to search page and click lambda function and create a function and give a name project1



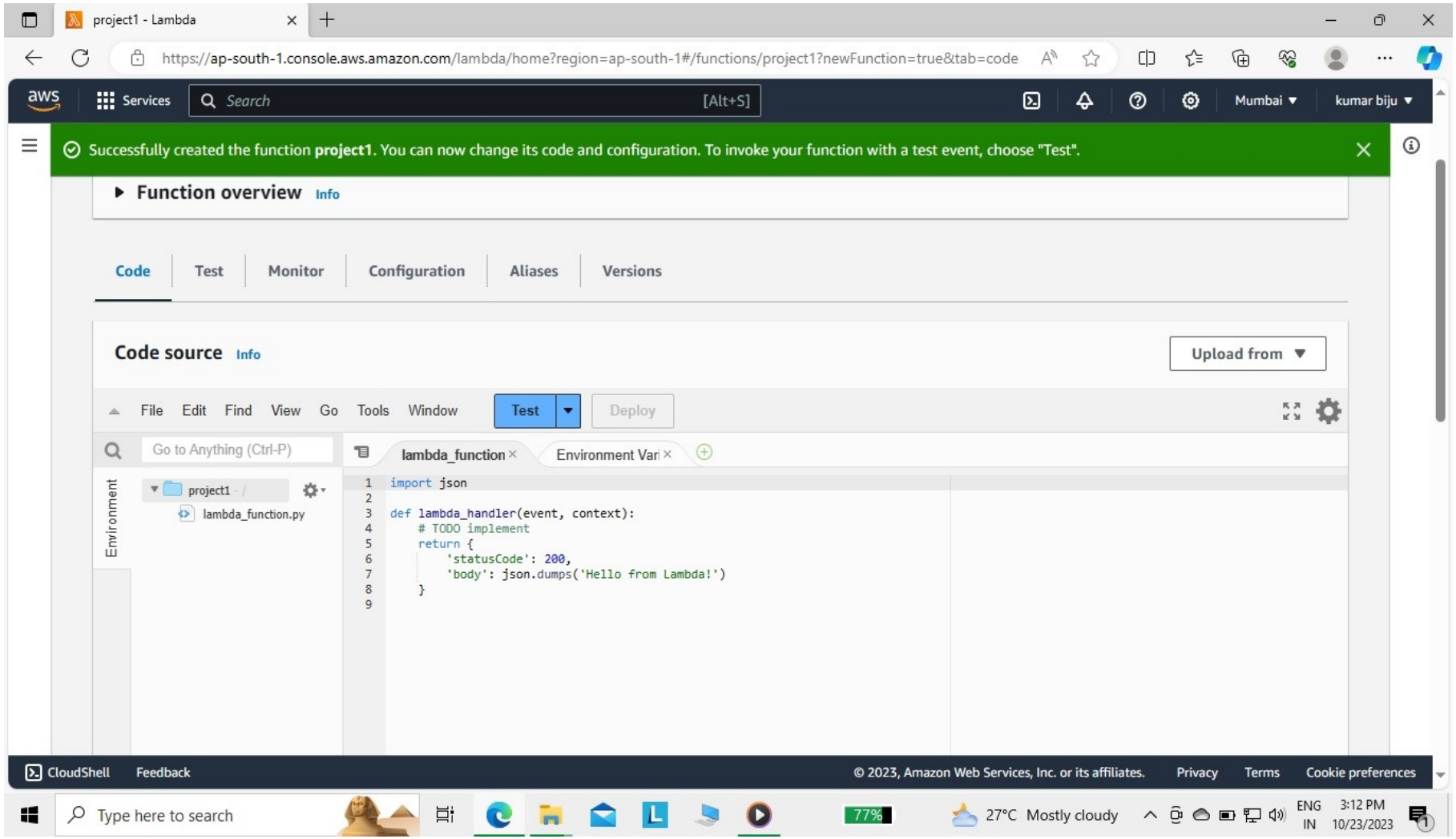
Now set configuration runtime and architecture



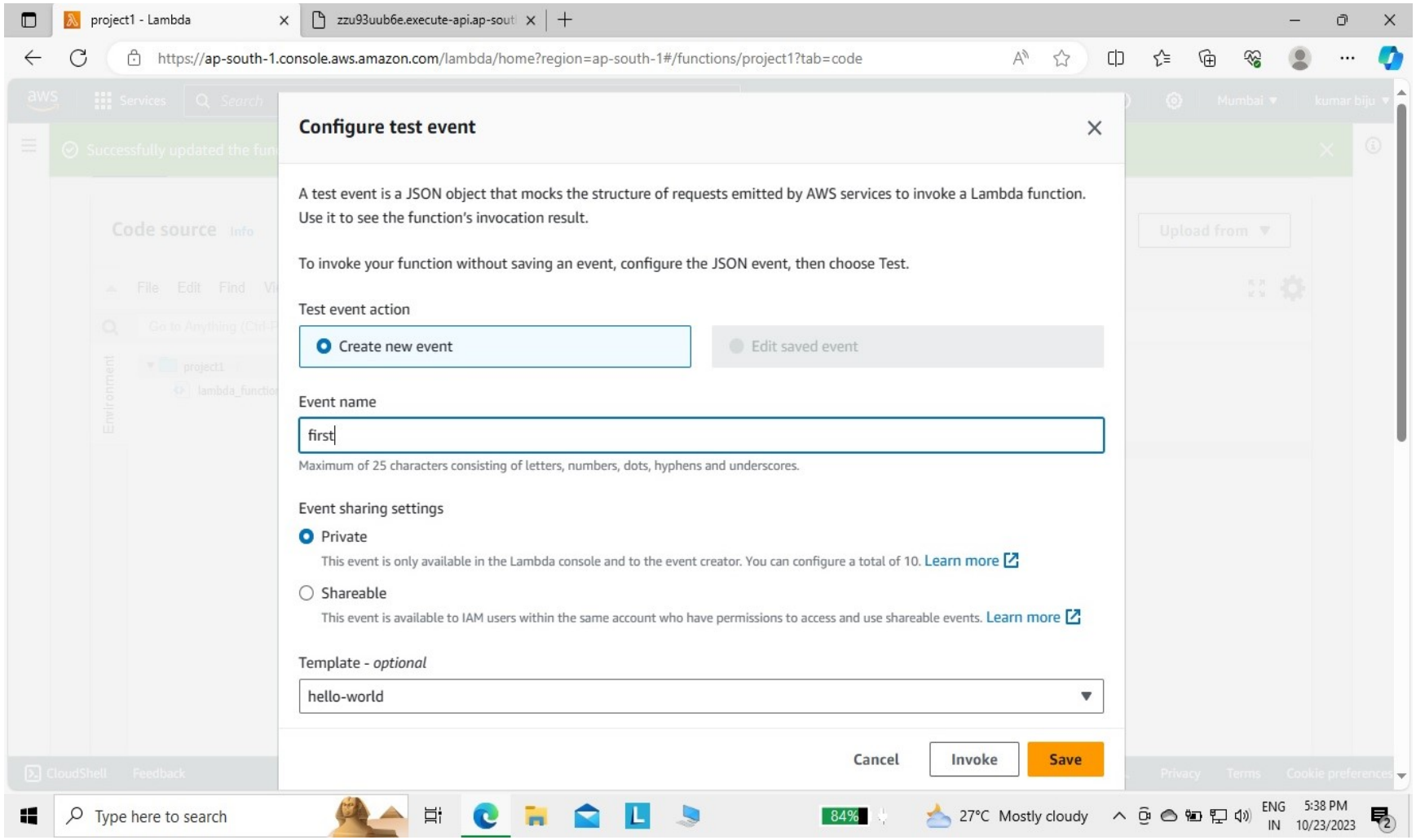
Now successfully create lambda function



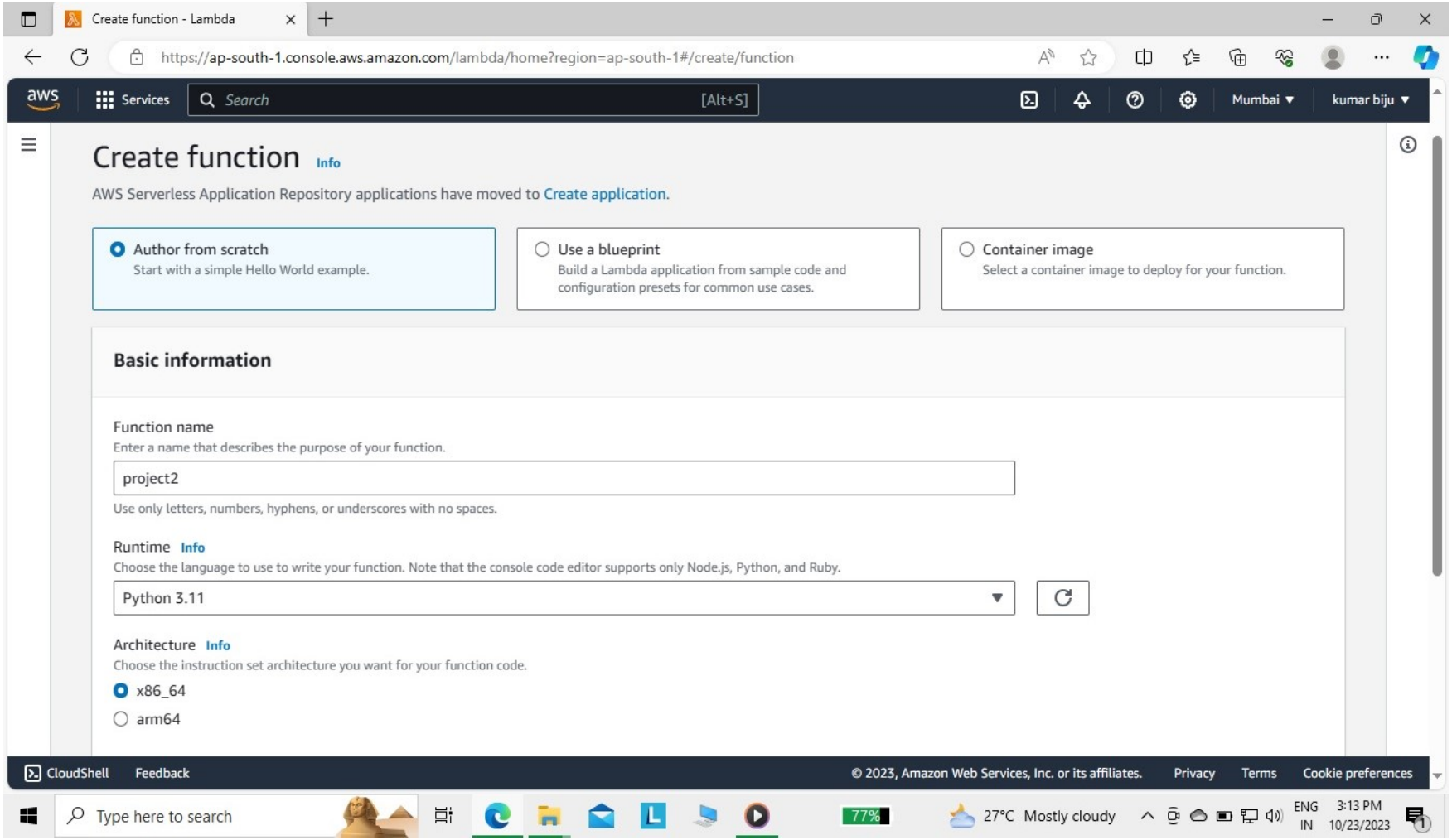
Now check the lambda function and write the python code



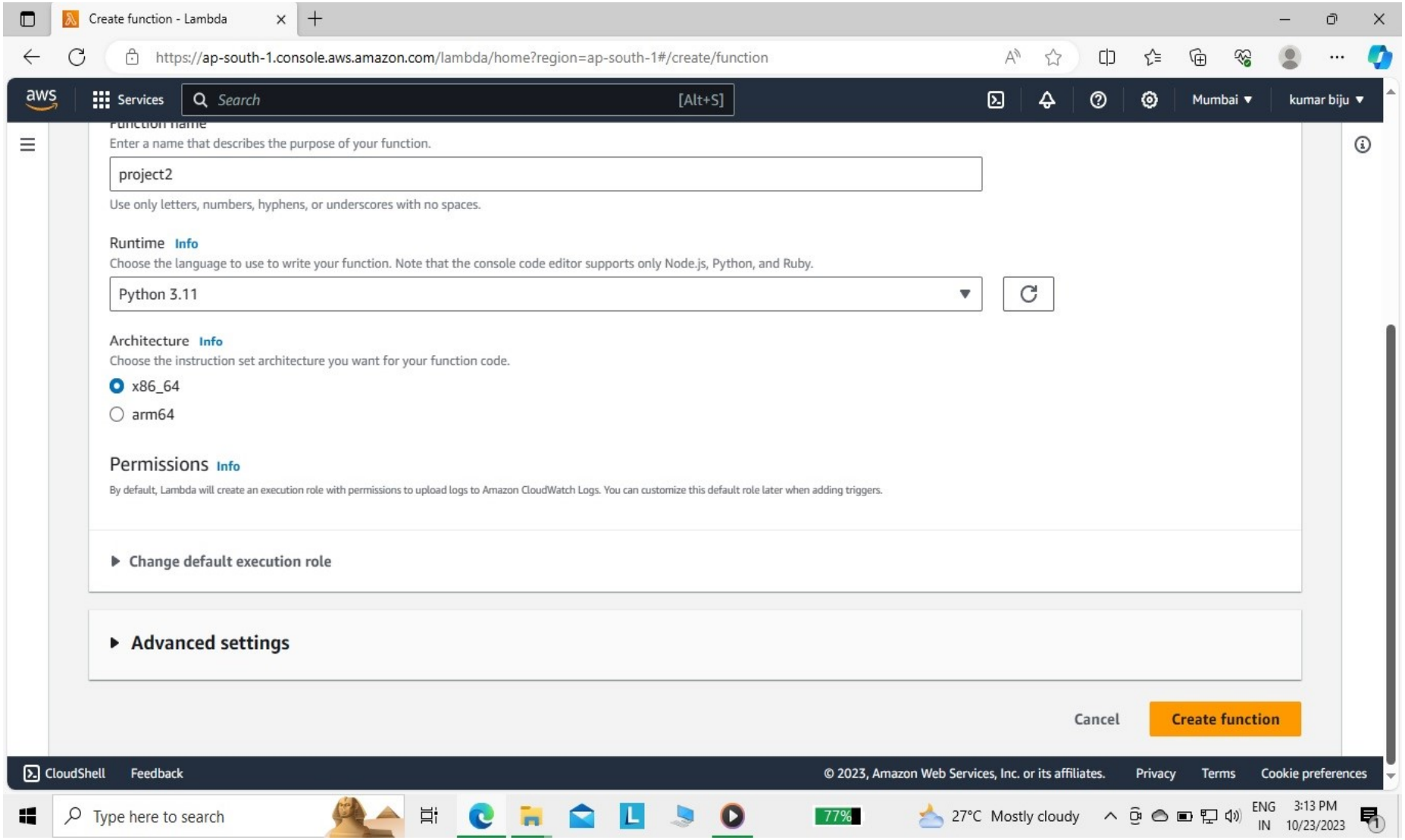
Click the deploy button and click the test then give a name test event



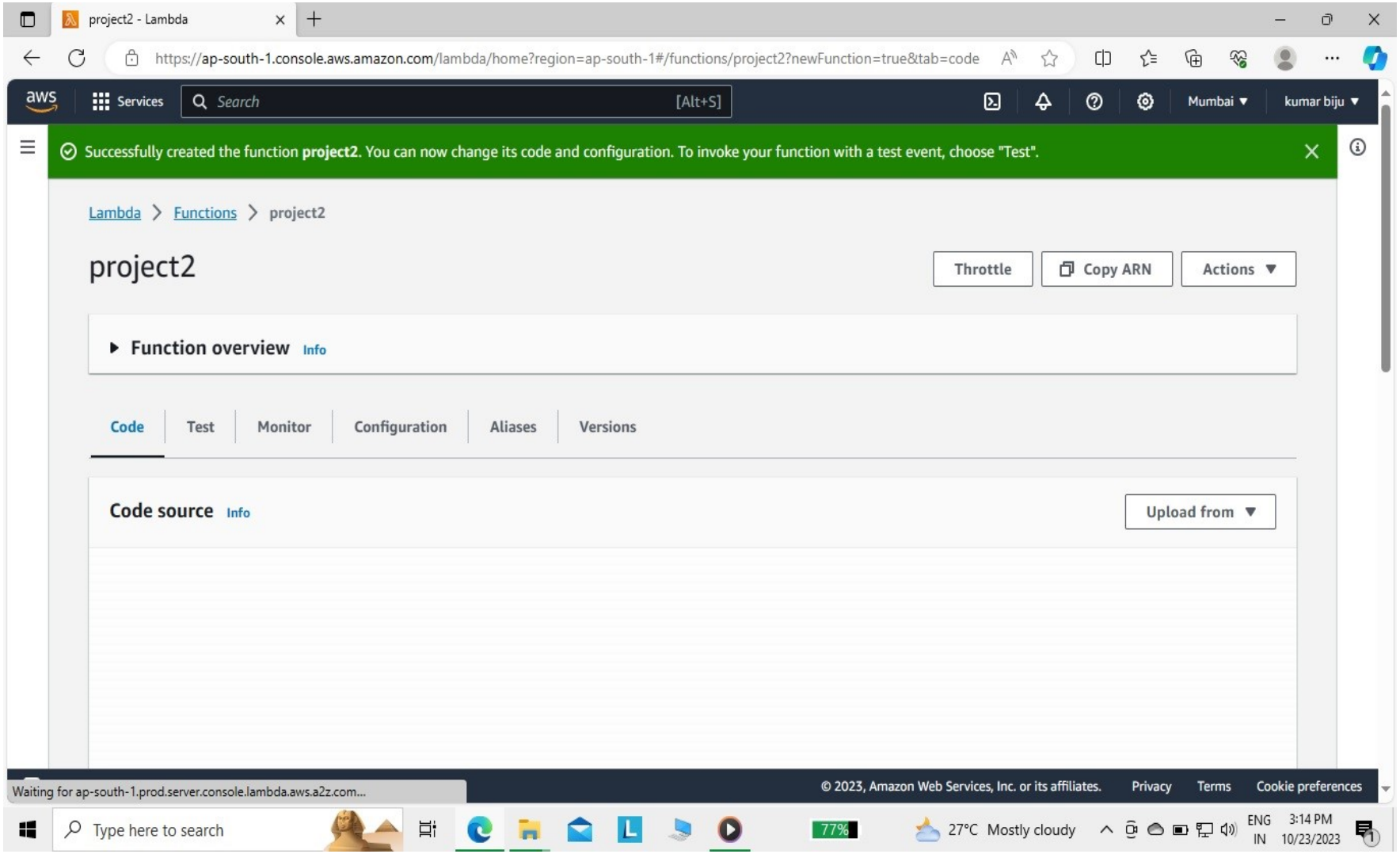
Click the again create function and give a name project 2



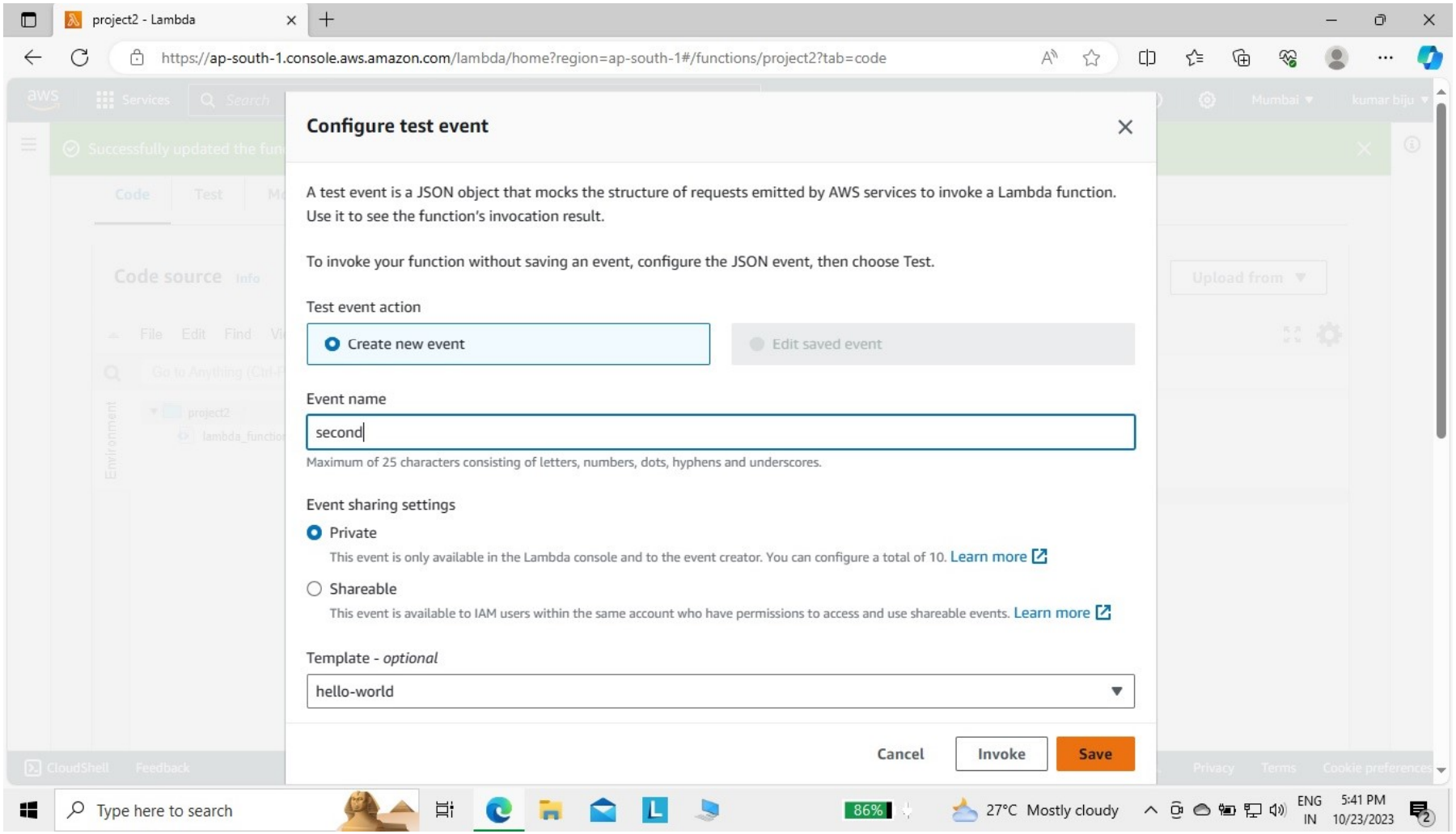
Set the configuration and runtime



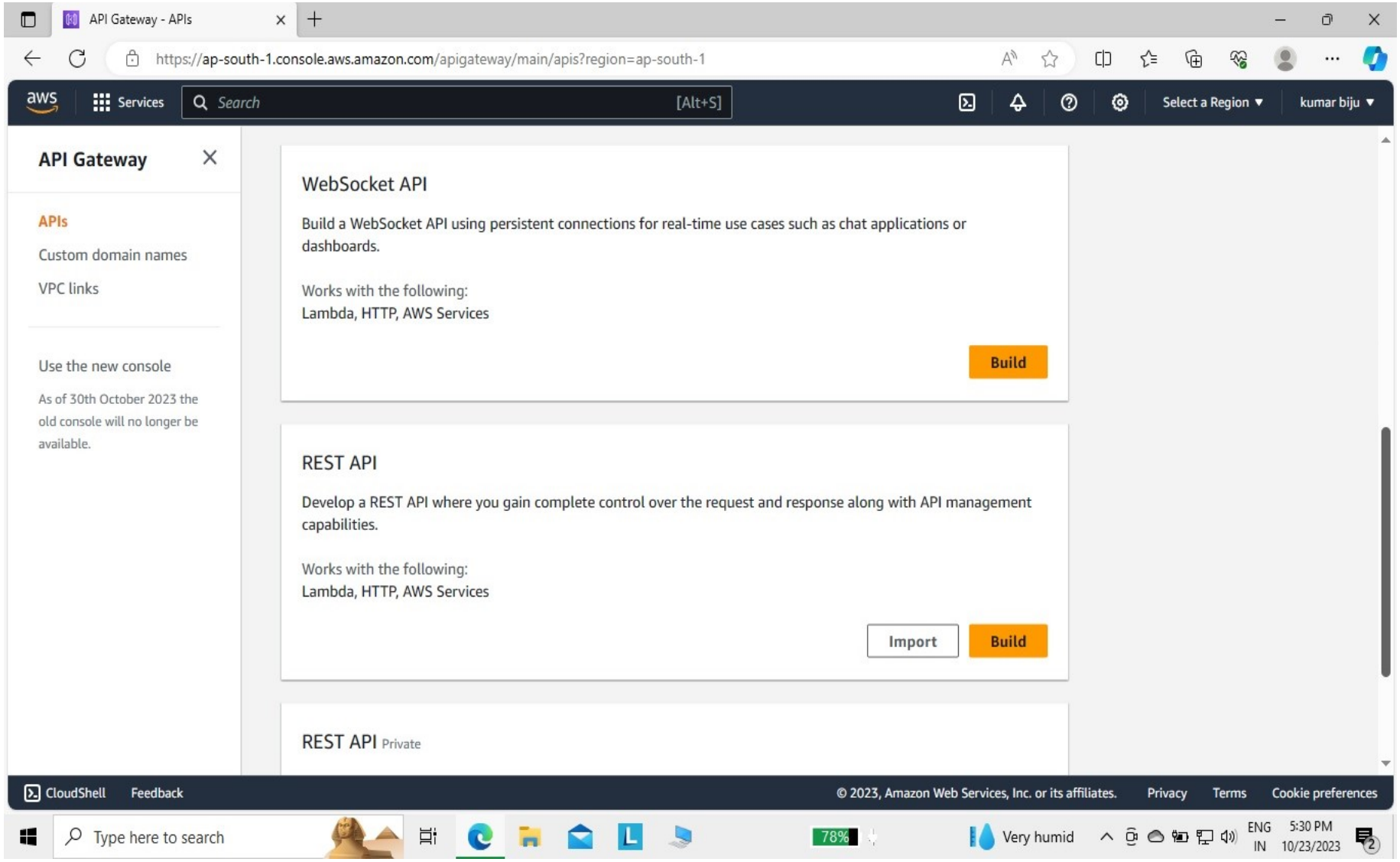
Successfully create lambda function



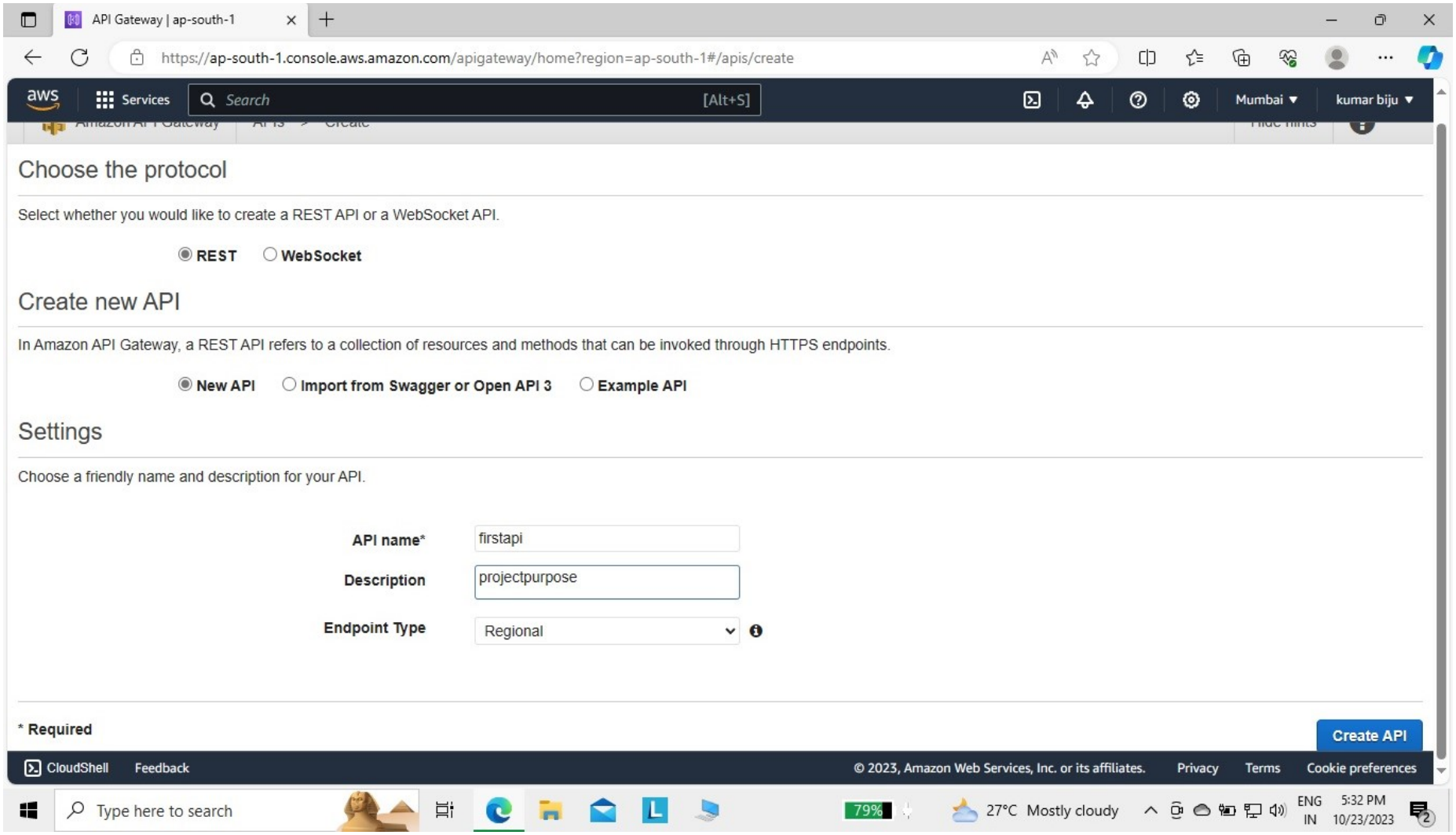
Now write code and deploy then click test event and give name second



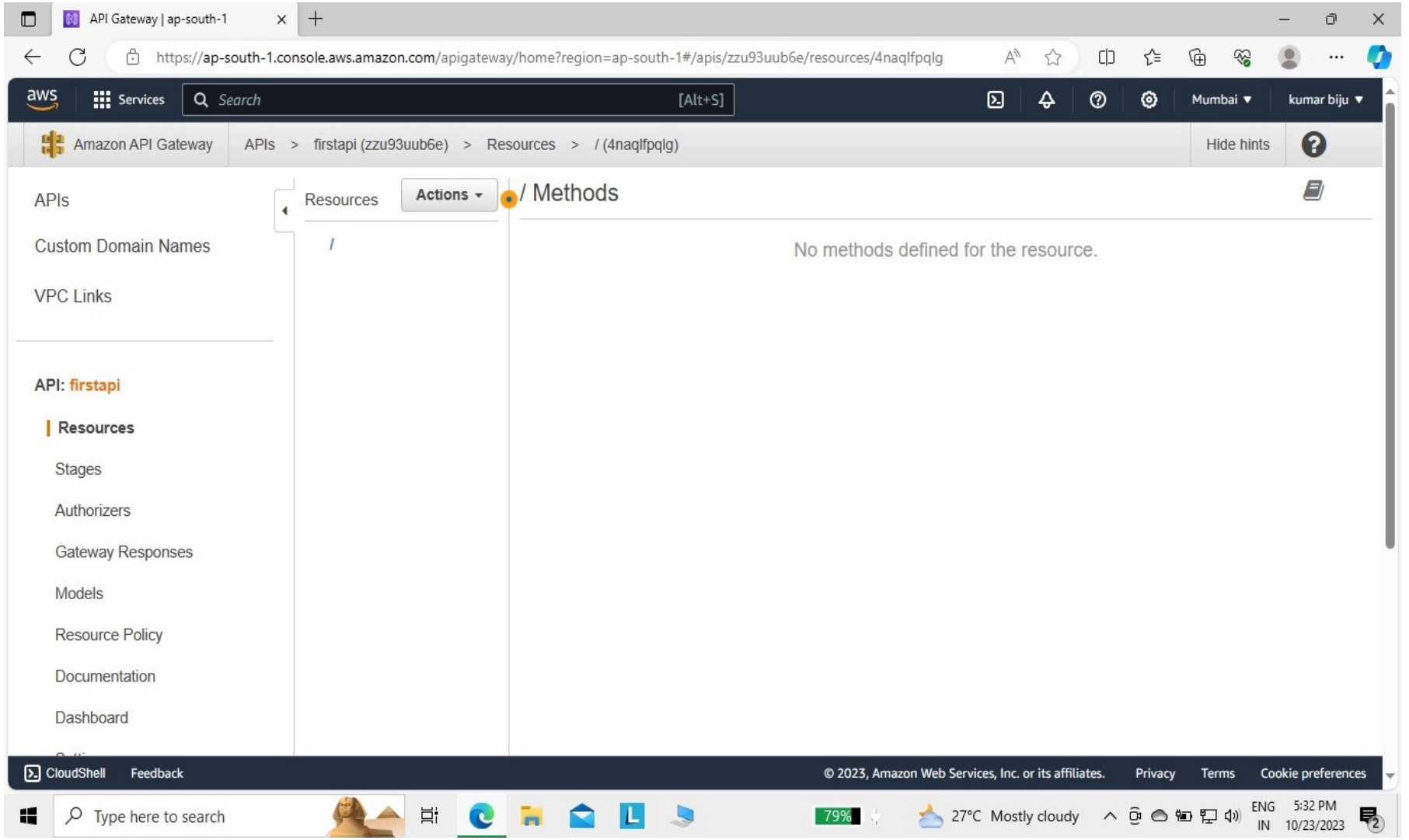
2. Create API


API Gateway - APIs
https://ap-south-1.console.aws.amazon.com/apigateway/main/apis?region=ap-south-1
aws
Services
Search
[Alt+S]
Select a Region
kumar biju
API Gateway
APIs
Custom domain names
VPC links
Use the new console
As of 30th October 2023 the old console will no longer be available.
WebSocket API
Build a WebSocket API using persistent connections for real-time use cases such as chat applications or dashboards.
Works with the following:
Lambda, HTTP, AWS Services
Build
REST API
Develop a REST API where you gain complete control over the request and response along with API management capabilities.
Works with the following:
Lambda, HTTP, AWS Services
Import
Build
REST API Private
CloudShell
Feedback
© 2023, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
78%
Very humid
ENG
IN
5:30 PM
10/23/2023

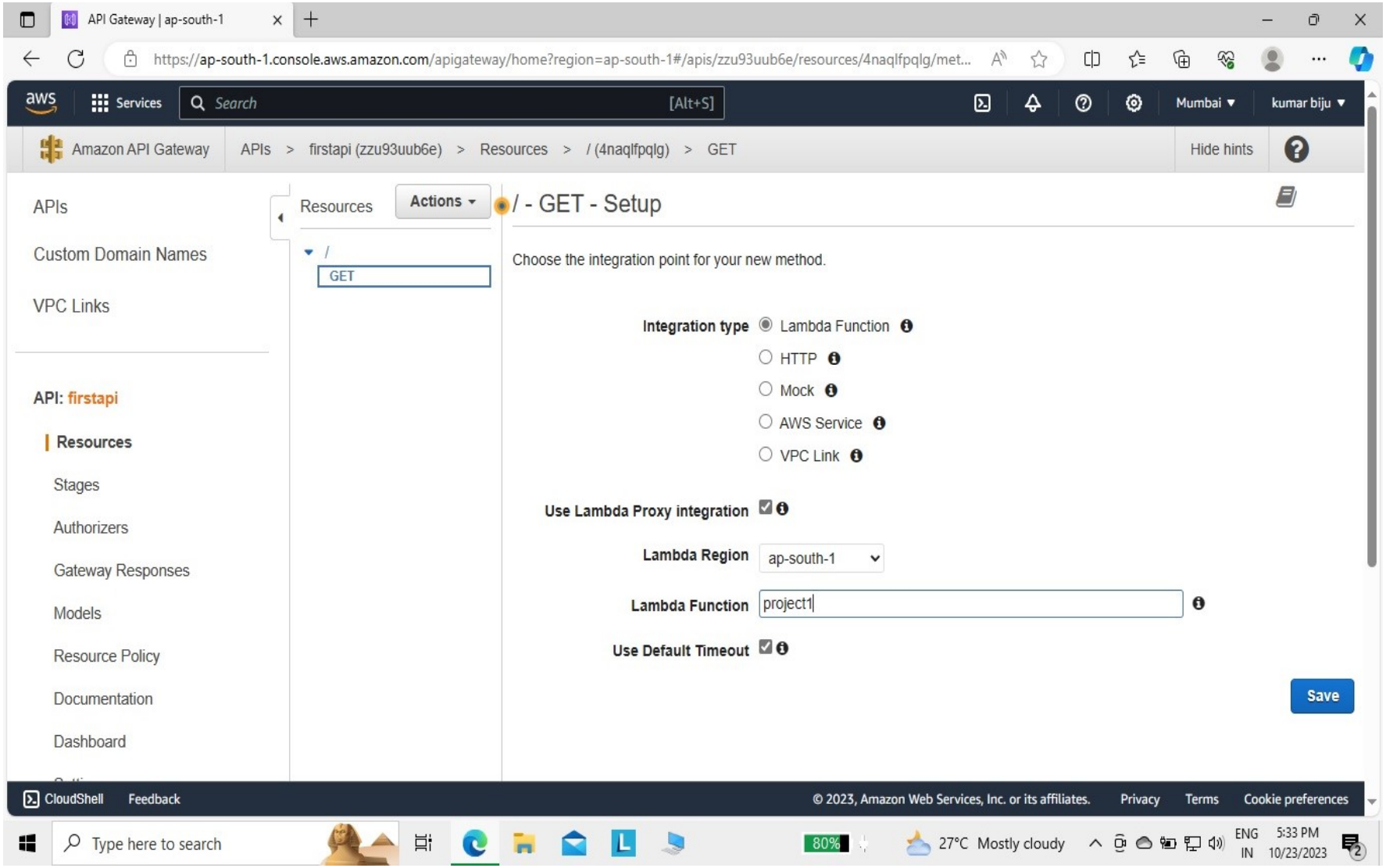
Go to search page click API and click the button REST API. Give a name API projectpurpose



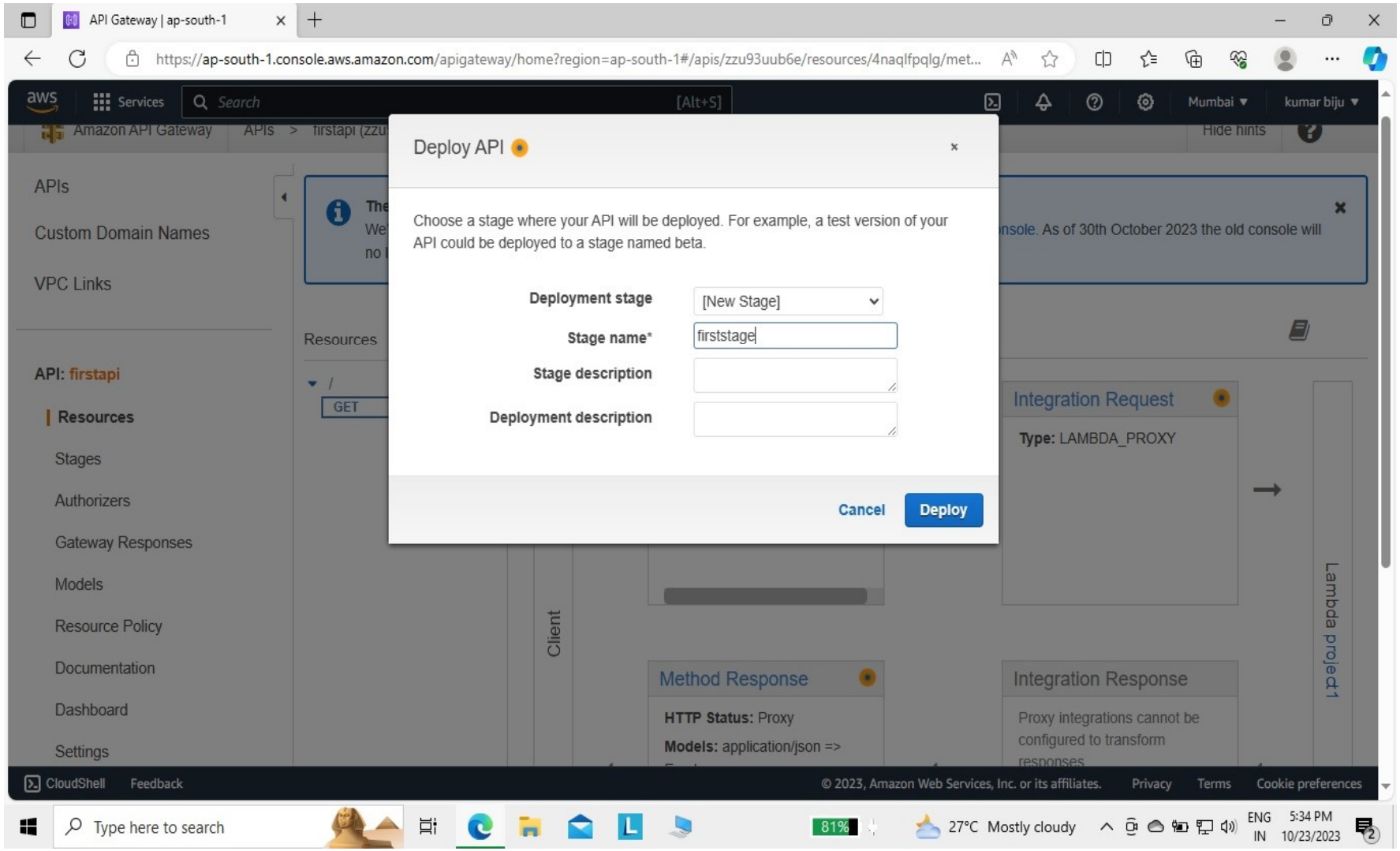
Now click the action button and set configuration



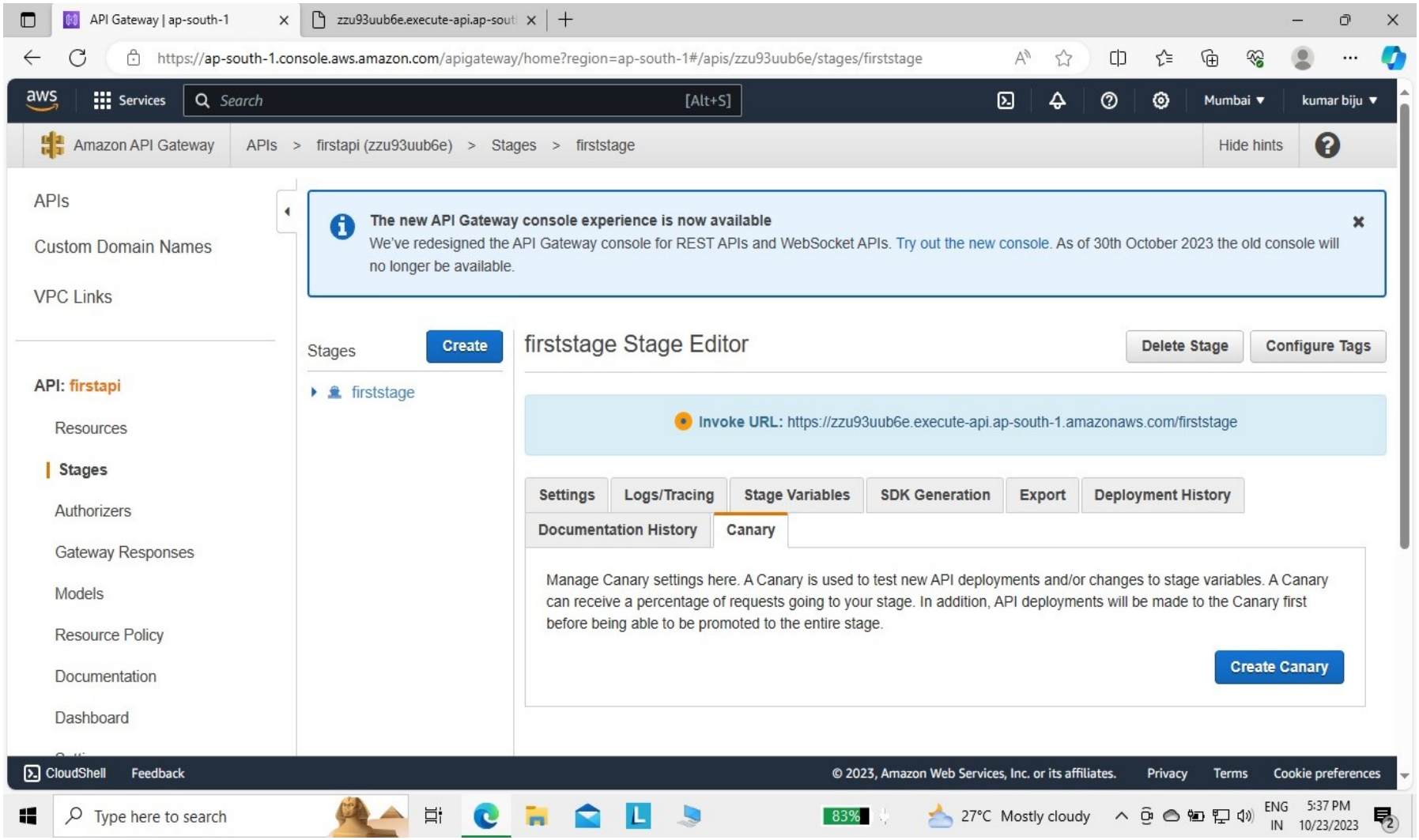
Setup the GET and click the save button



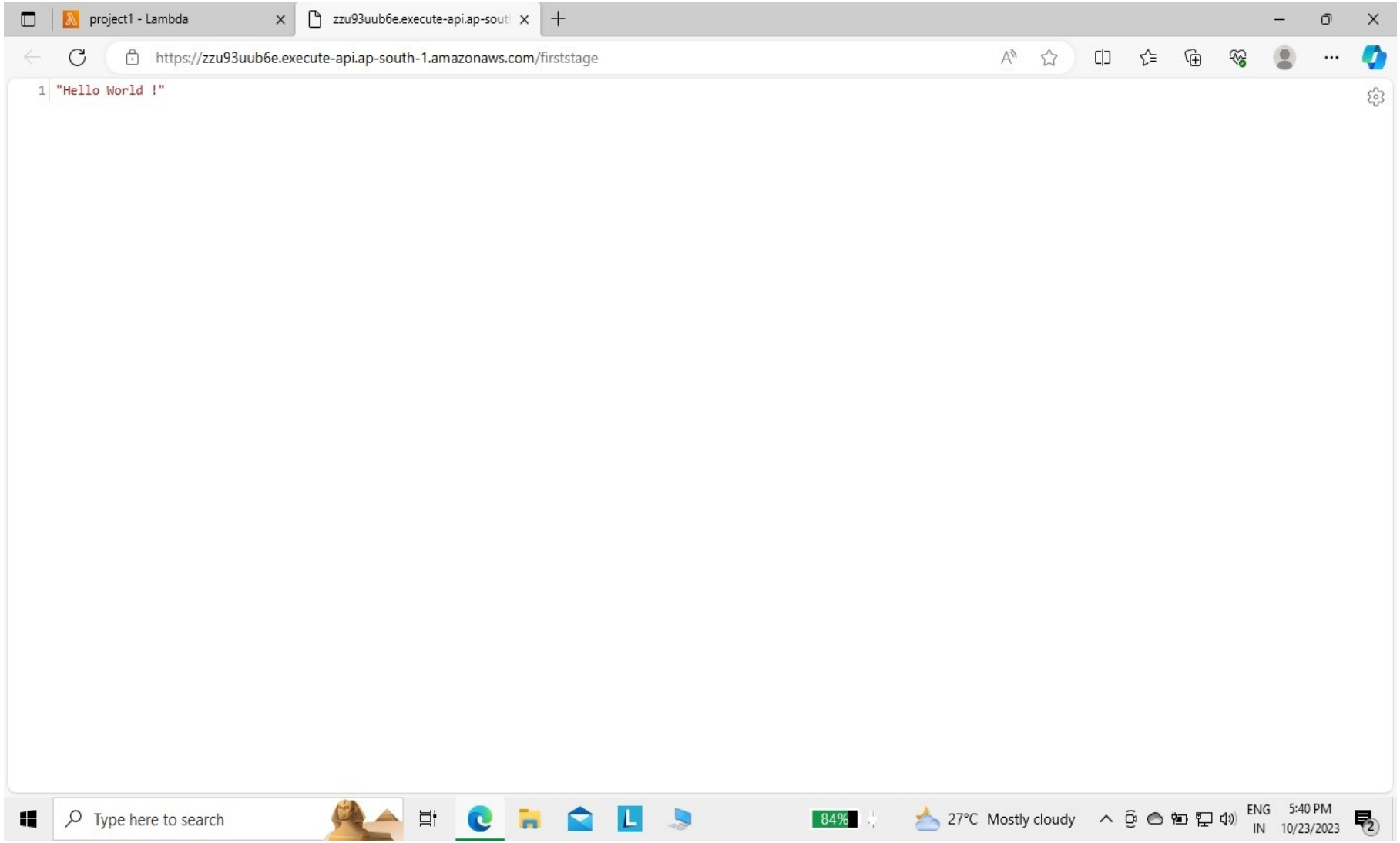
Click the deploy button and give a stage name firststage



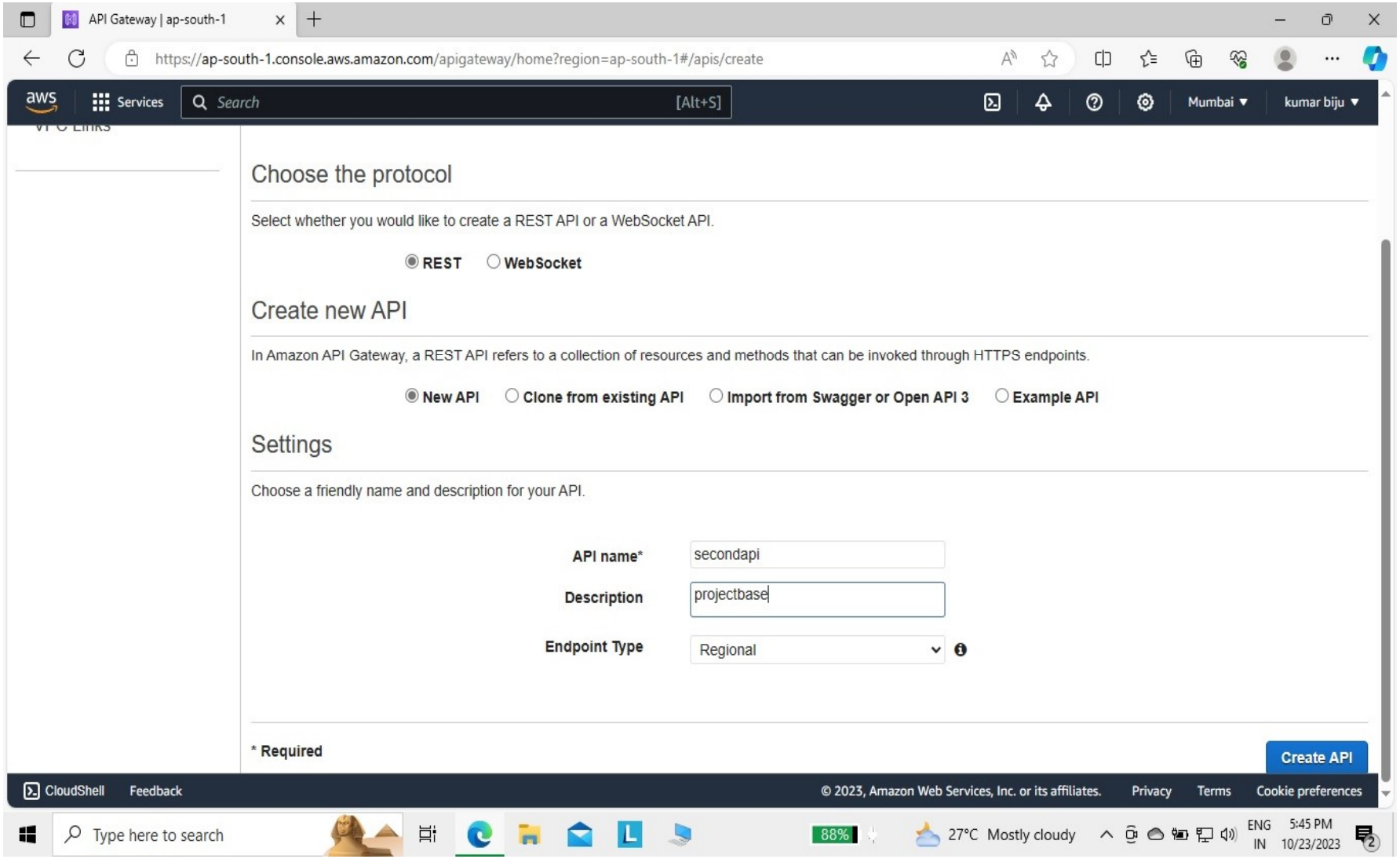
Successfully create deploy stage now click the URL button to new tab



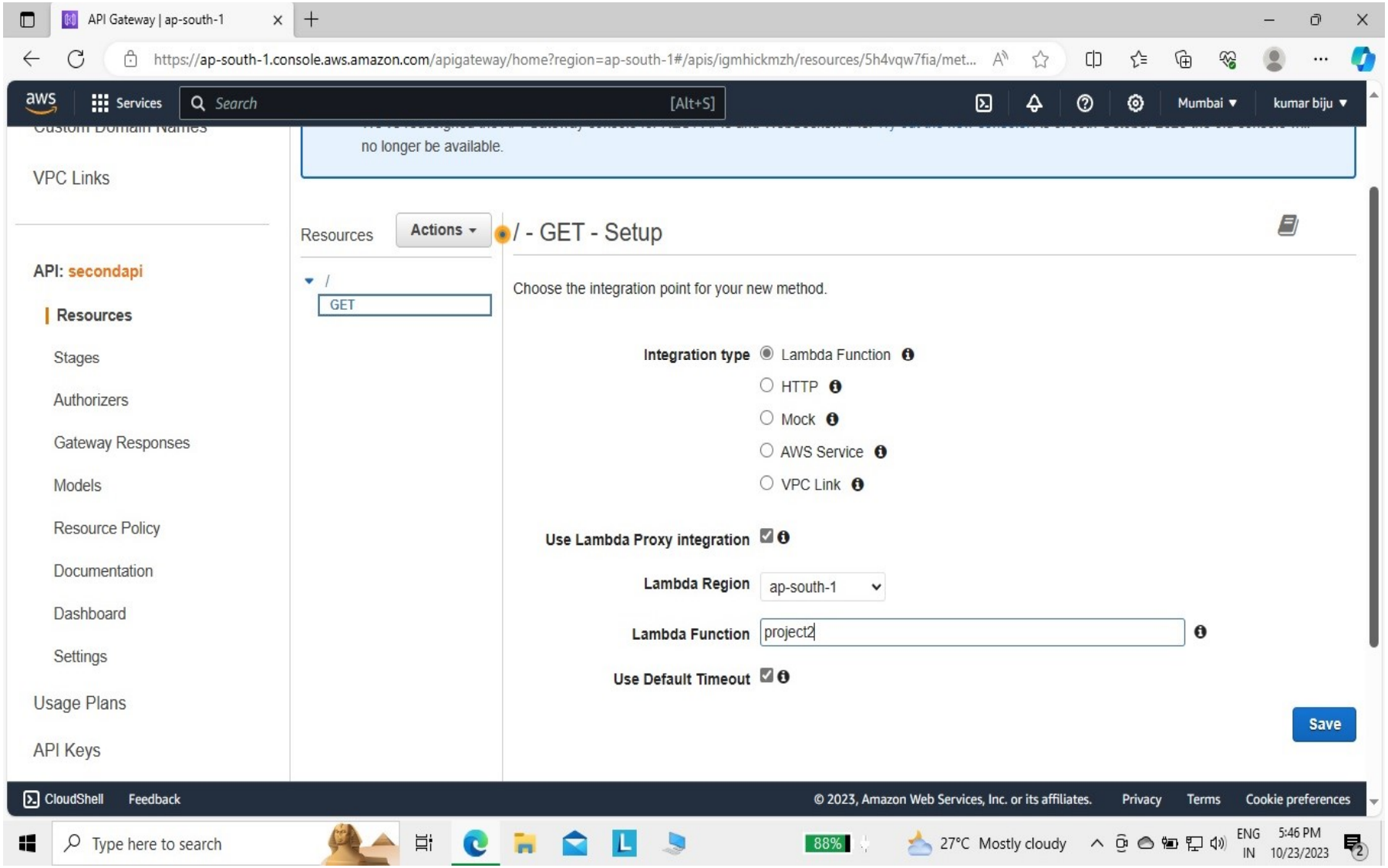
Website is successfully is running



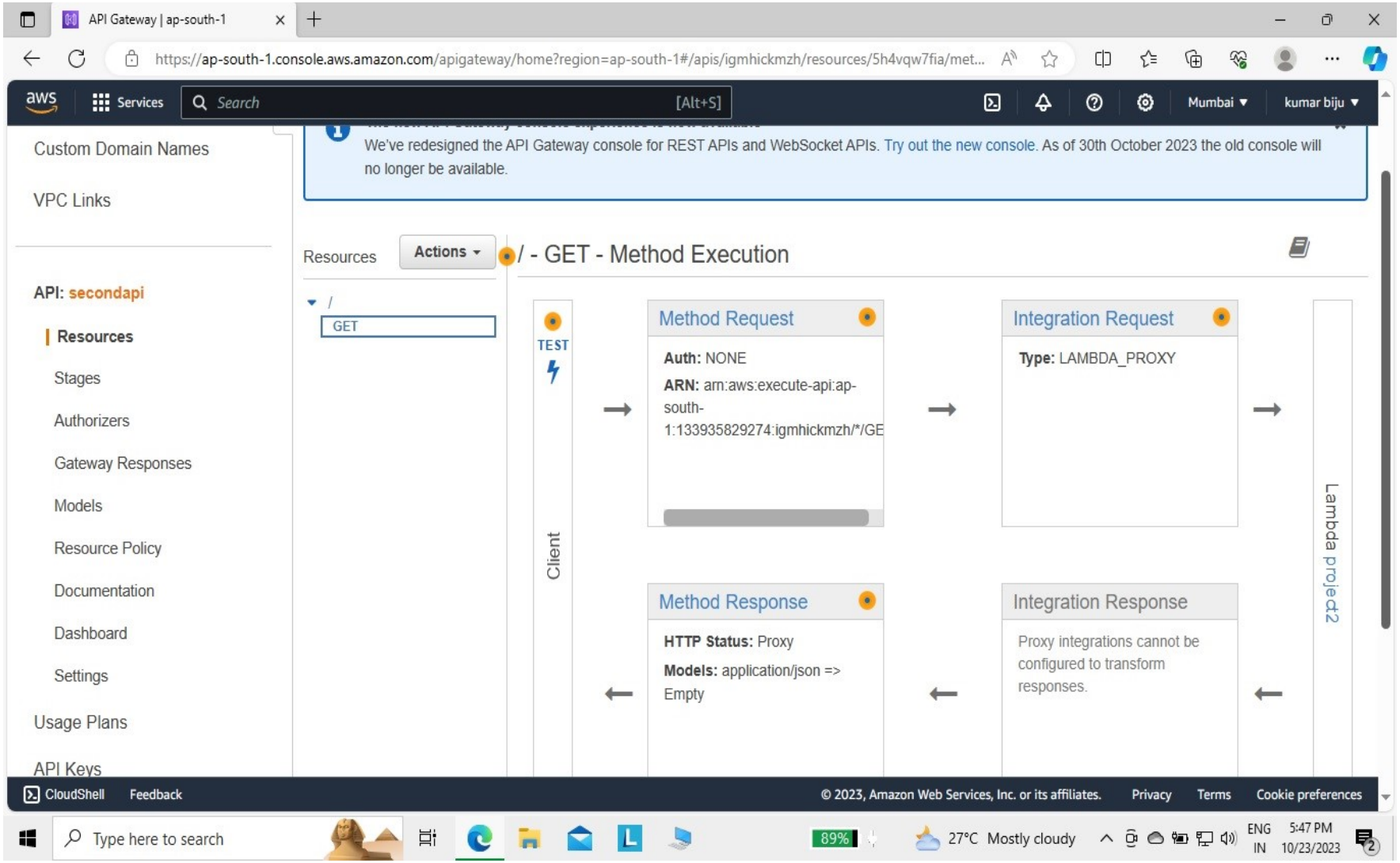
Click the new API and give a name project2



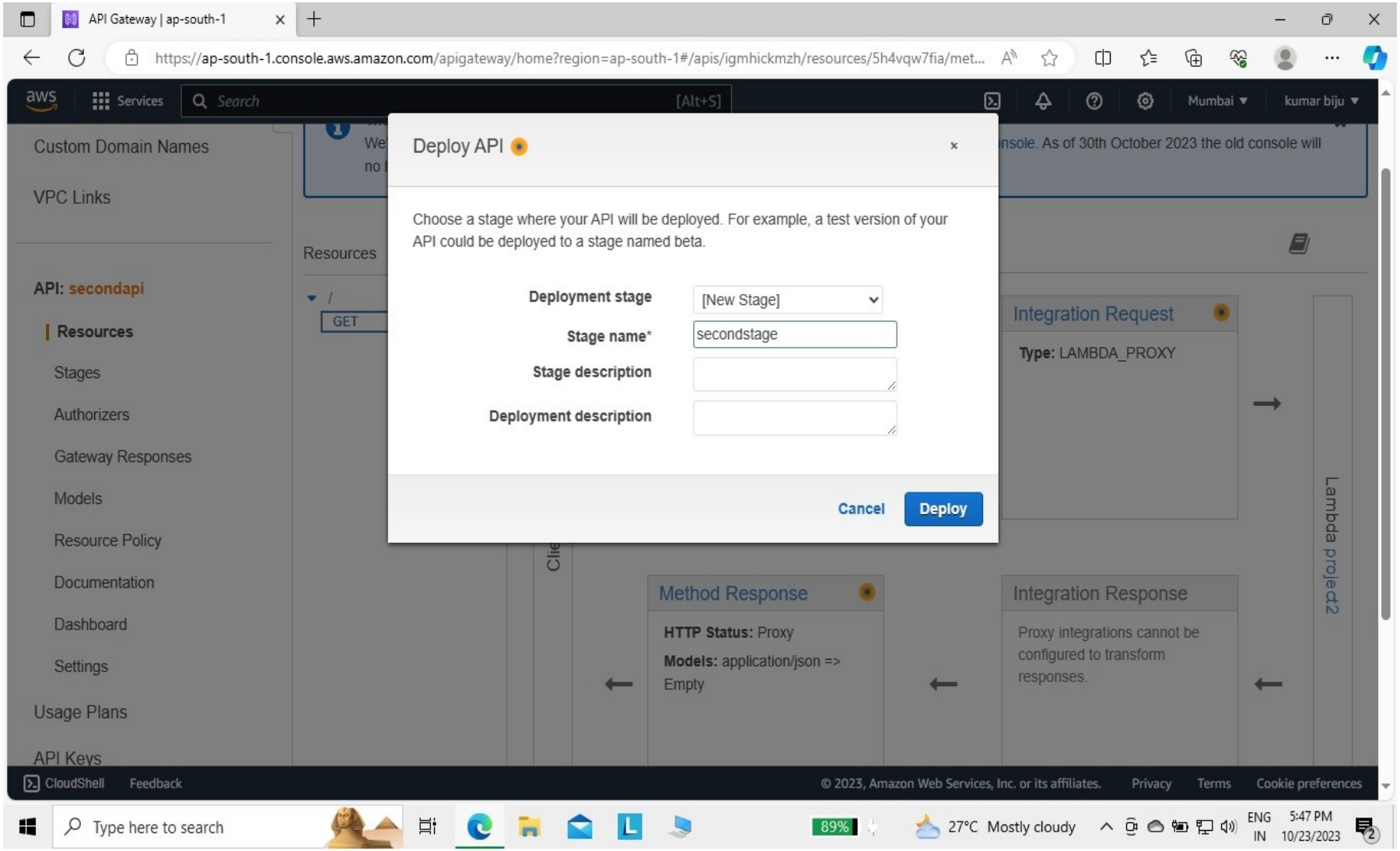
Setup the configuration and save the button



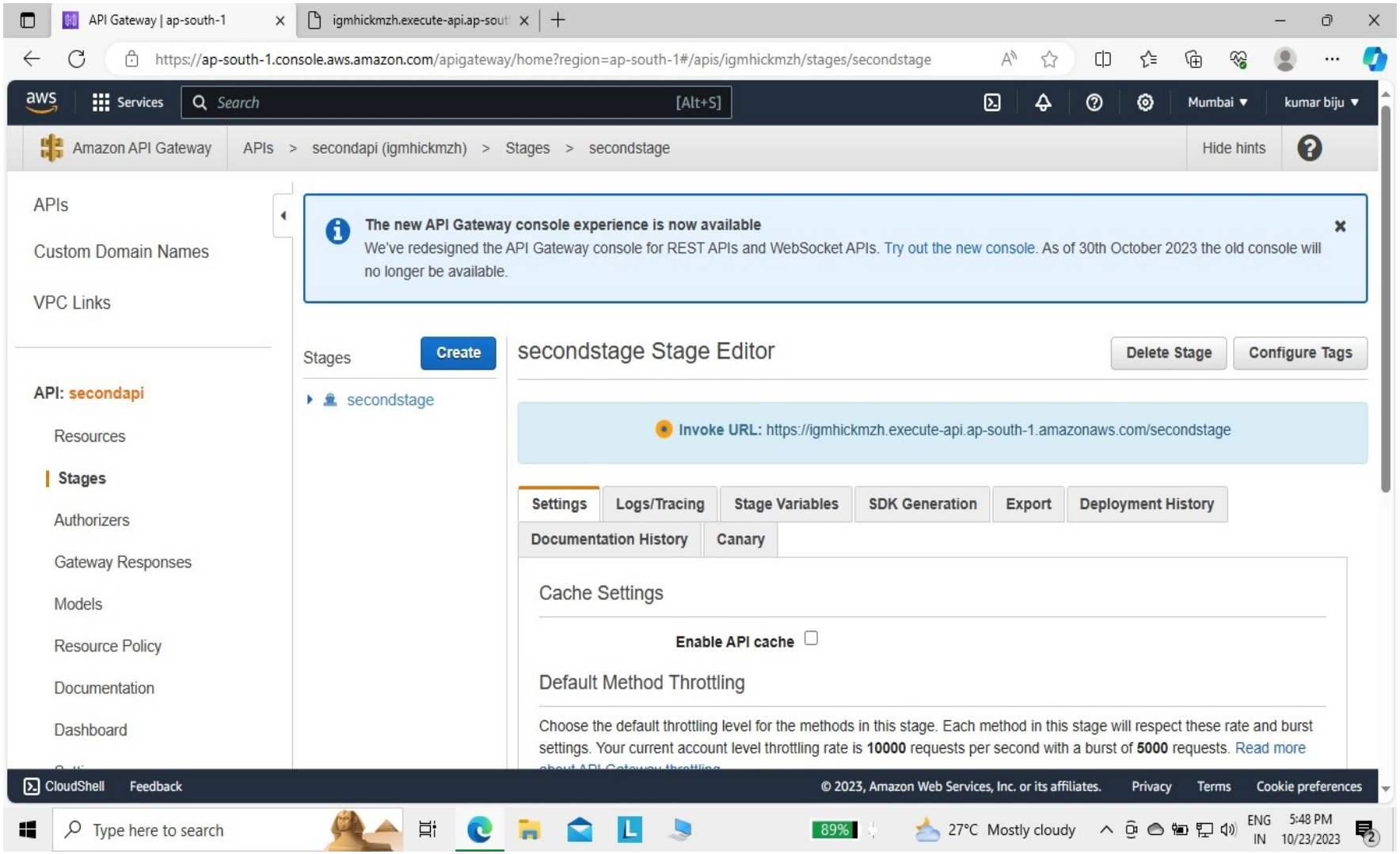
Click the deploy button the REST API



Give a stage name secondstage



Successfully create deploy stage and click the URL button and open new tab



Successfully website is running