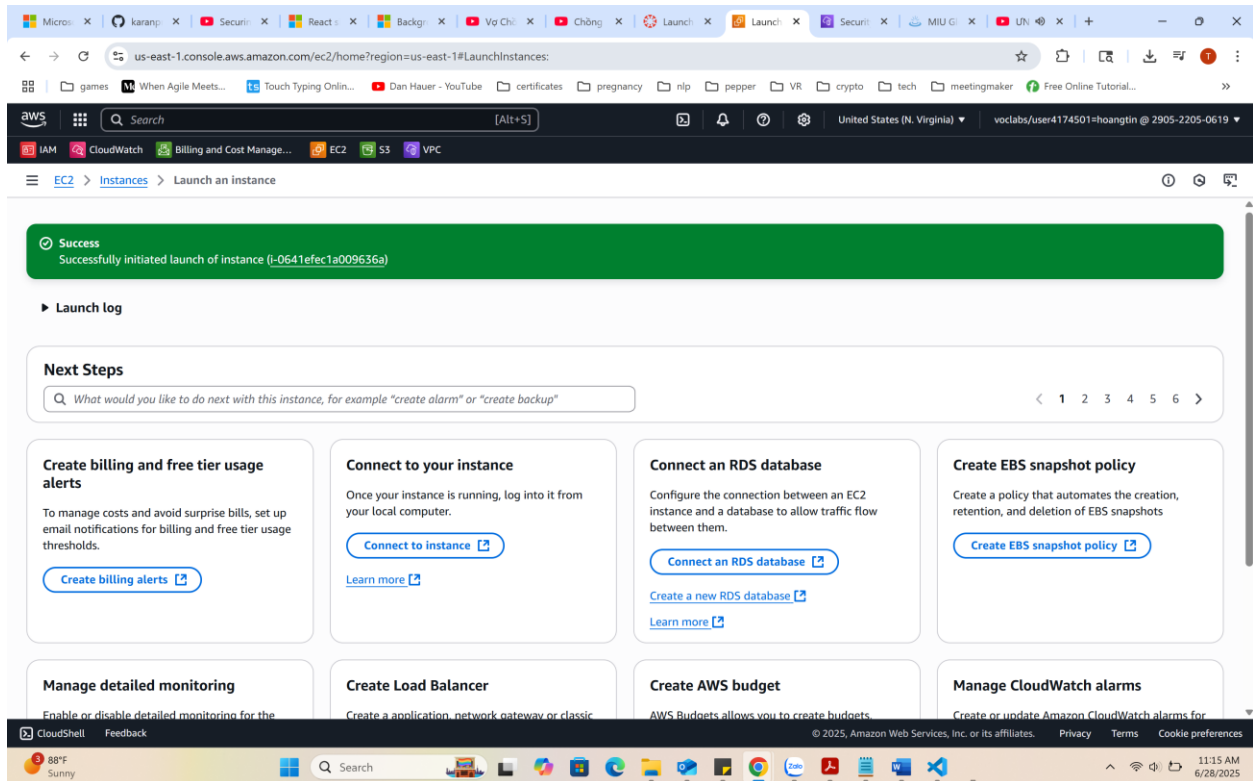
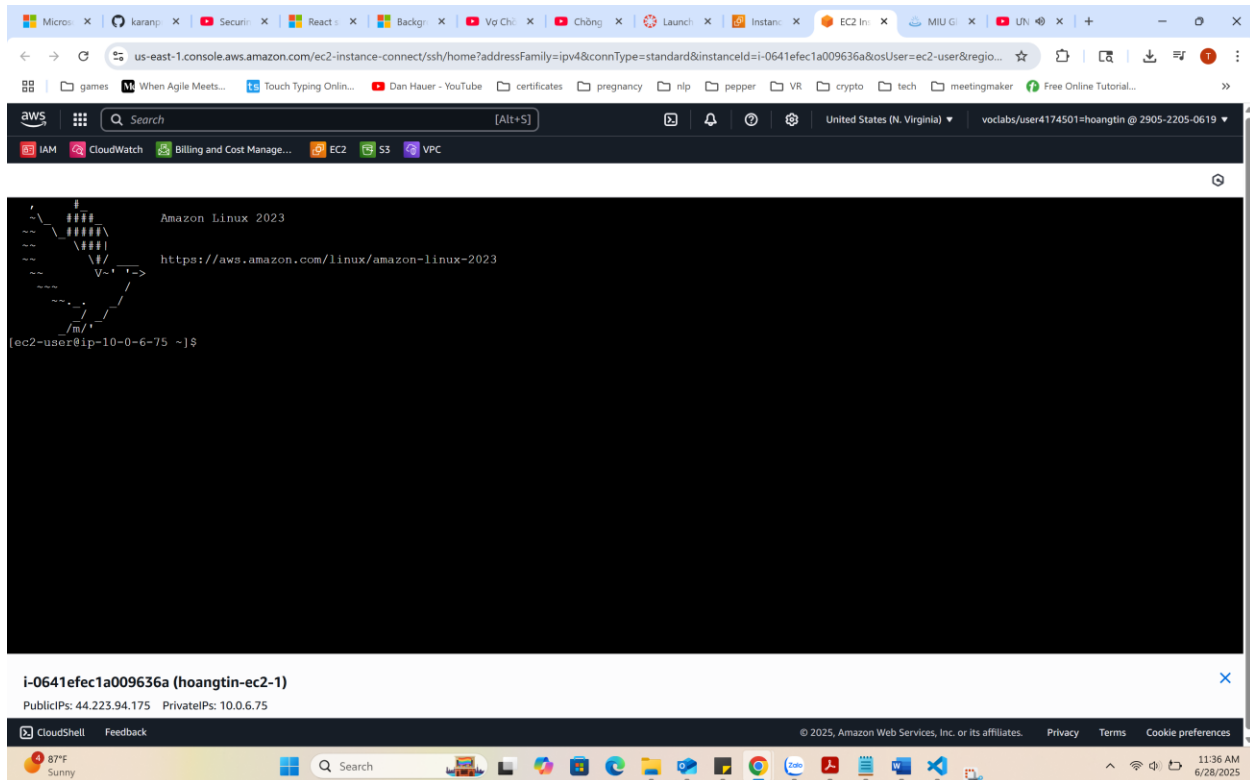


## Task 1 – IaaS (EC2) – Launch a simple web app on EC2

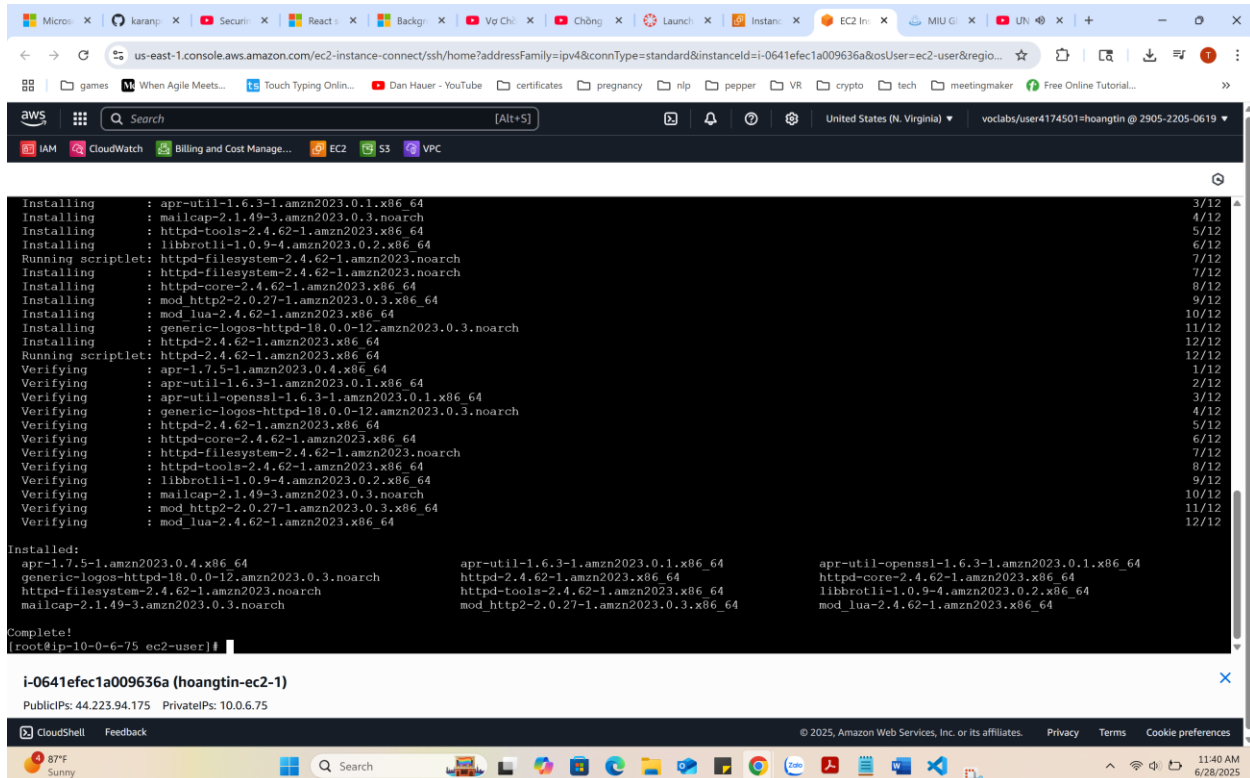
- Spin up an EC2 instance



- Connect to the instance.



- Install an Apache web server and start it.



Microsof... x karang... x Secur... x React... x Backgr... x V... x Ch... x Launch... x Instanc... x EC2 In... x MIU G... x UN... x + -

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0641efec1a009636a&osUser=ec2-user&regio...

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IAM CloudWatch Billing and Cost Manage... EC2 S3 VPC

```
Installing      : httpd-tools-2.4.62-1.amzn2023.x86_64 5/12
Installing      : libbrotli-1.0.9-4.amzn2023.0.2.x86_64 6/12
Running scriptlet: httpd-filessystem-2.4.62-1.amzn2023.noarch 7/12
Installing      : httpd-filessystem-2.4.62-1.amzn2023.noarch 7/12
Installing      : httpd-core-2.4.62-1.amzn2023.x86_64 8/12
Installing      : mod_http2-2.0.27-1.amzn2023.0.3.x86_64 9/12
Installing      : mod_lua-2.4.62-1.amzn2023.x86_64 10/12
Installing      : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch 11/12
Installing      : httpd-2.4.62-1.amzn2023.x86_64 12/12
Running scriptlet: httpd-2.4.62-1.amzn2023.x86_64 12/12
Verifying      : apr-1.7.5-1.amzn2023.0.4.x86_64 1/12
Verifying      : apr-util-1.6.3-1.amzn2023.0.1.x86_64 2/12
Verifying      : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64 3/12
Verifying      : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch 4/12
Verifying      : httpd-2.4.62-1.amzn2023.x86_64 5/12
Verifying      : httpd-core-2.4.62-1.amzn2023.x86_64 6/12
Verifying      : httpd-filessystem-2.4.62-1.amzn2023.noarch 7/12
Verifying      : httpd-tools-2.4.62-1.amzn2023.x86_64 8/12
Verifying      : libbrotli-1.0.9-4.amzn2023.0.2.x86_64 9/12
Verifying      : mailcap-2.1.49-3.amzn2023.0.3.noarch 10/12
Verifying      : mod_http2-2.0.27-1.amzn2023.0.3.x86_64 11/12
Verifying      : mod_lua-2.4.62-1.amzn2023.x86_64 12/12

Installed:
apr-1.7.5-1.amzn2023.0.4.x86_64          apr-util-1.6.3-1.amzn2023.0.1.x86_64          apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch  httpd-2.4.62-1.amzn2023.x86_64          httpd-core-2.4.62-1.amzn2023.x86_64
httpd-filessystem-2.4.62-1.amzn2023.noarch      httpd-tools-2.4.62-1.amzn2023.x86_64          libbrotli-1.0.9-4.amzn2023.0.2.x86_64
mailcap-2.1.49-3.amzn2023.0.3.noarch          mod_http2-2.0.27-1.amzn2023.0.3.x86_64          mod_lua-2.4.62-1.amzn2023.x86_64

Complete!
[root@ip-10-0-6-75 ec2-user]# service httpd start
Redirecting to /bin/systemctl start httpd.service
[root@ip-10-0-6-75 ec2-user]#
```

i-0641efec1a009636a (hoangtin-ec2-1)

PublicPis: 44.223.94.175 PrivatePis: 10.0.6.75

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Hurricane update Now

44.223.94.175 x + -

Not secure 44.223.94.175

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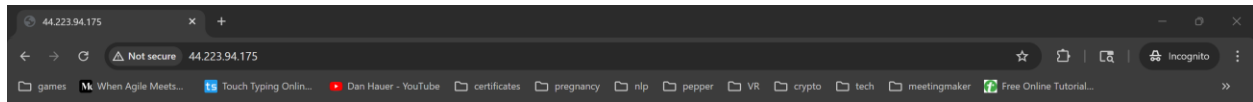
Incognito

It works!

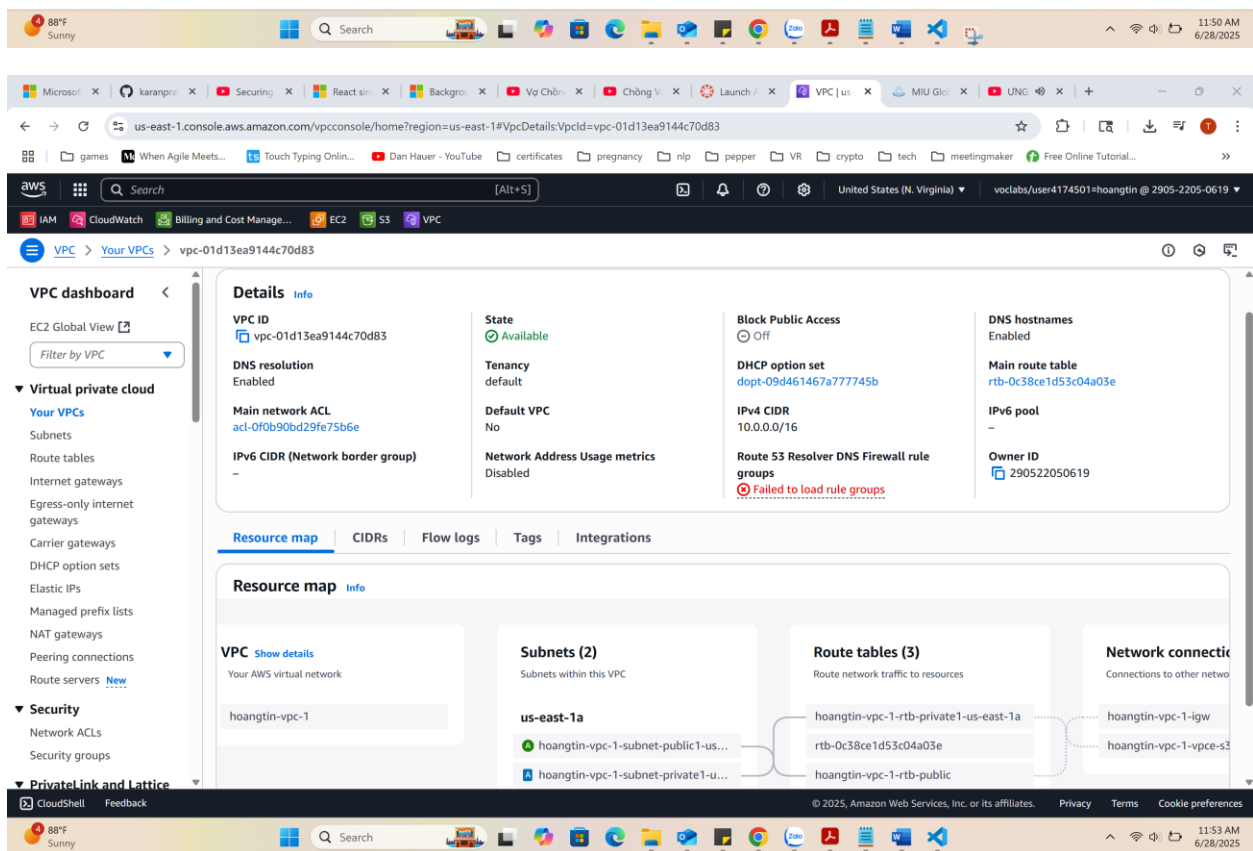
Hurricane update Now

Search

11:46 AM 6/28/2025



Hello Hoang Tin to CC AWS course



## Task 2 – FaaS (Lambda) – Simple API with Lambda function URL

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/hoangtin-lambda-func-1?newFunction=true&tab=code

Successfully created the function **hoangtin-lambda-func-1**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

### hoangtin-lambda-func-1

Throttle Copy ARN Actions

Export to Infrastructure Composer Download

**Function overview** Info

Diagram Template

hoangtin-lambda-func-1

Layers (0)

+ Add trigger + Add destination

Description

Last modified 4 minutes ago

Function ARN [arn:aws:lambda:us-east-1:290522050619:function:hoangtin-lambda-func-1](#)

Function URL Info <https://yjqhprq4psipswmkseuihxzdq0kebfw.lambda-url-us-east-1.on.aws/>

Code Test Monitor Configuration Aliases Versions

Code source Info Upload from

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88°F Sunny

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/hoangtin-lambda-func-1?subtab=url&tab=code

Successfully updated the function **hoangtin-lambda-func-1**.

### Code source

 Info Upload from

EXPLORER

HOANGTIN-LAMBDA-FUNC-1

index.mjs

DEPLOY

Deploy (Ctrl+Shift+U)

Test (Ctrl+Shift+I)

TEST EVENTS (NONE SELECTED)

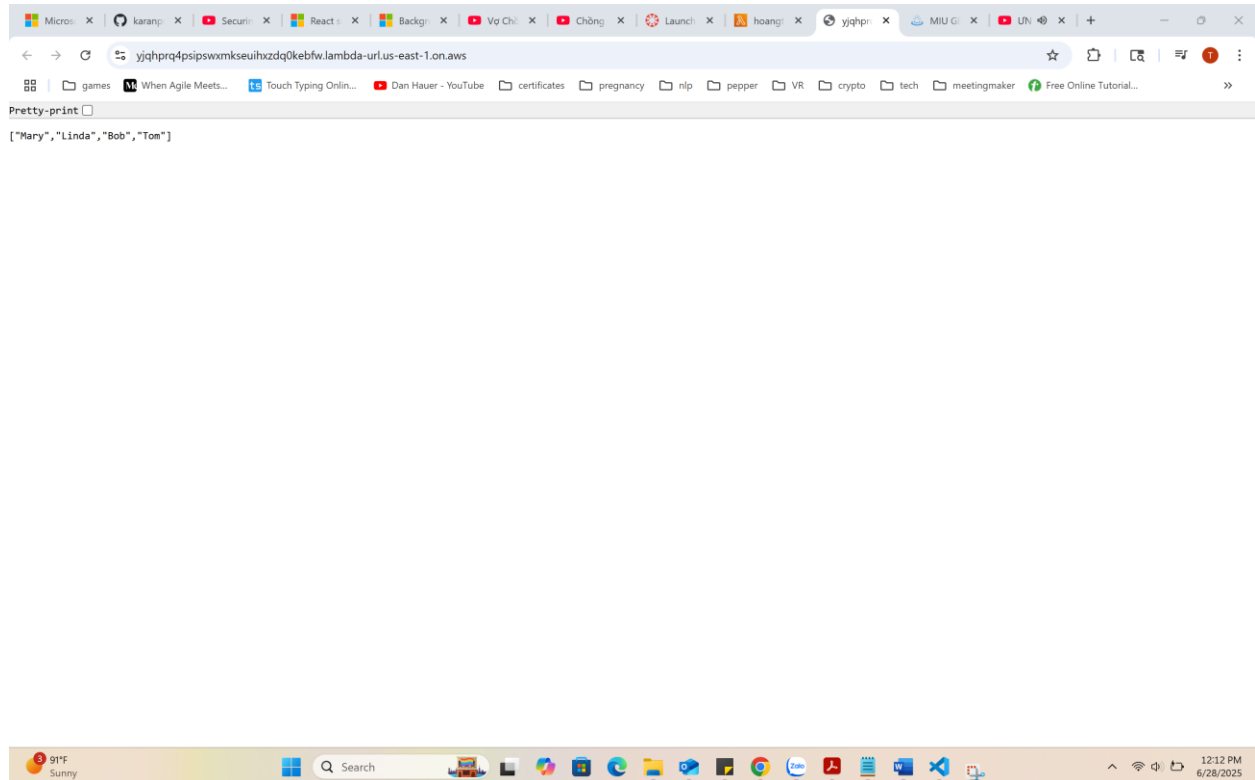
Create new test event

index.mjs

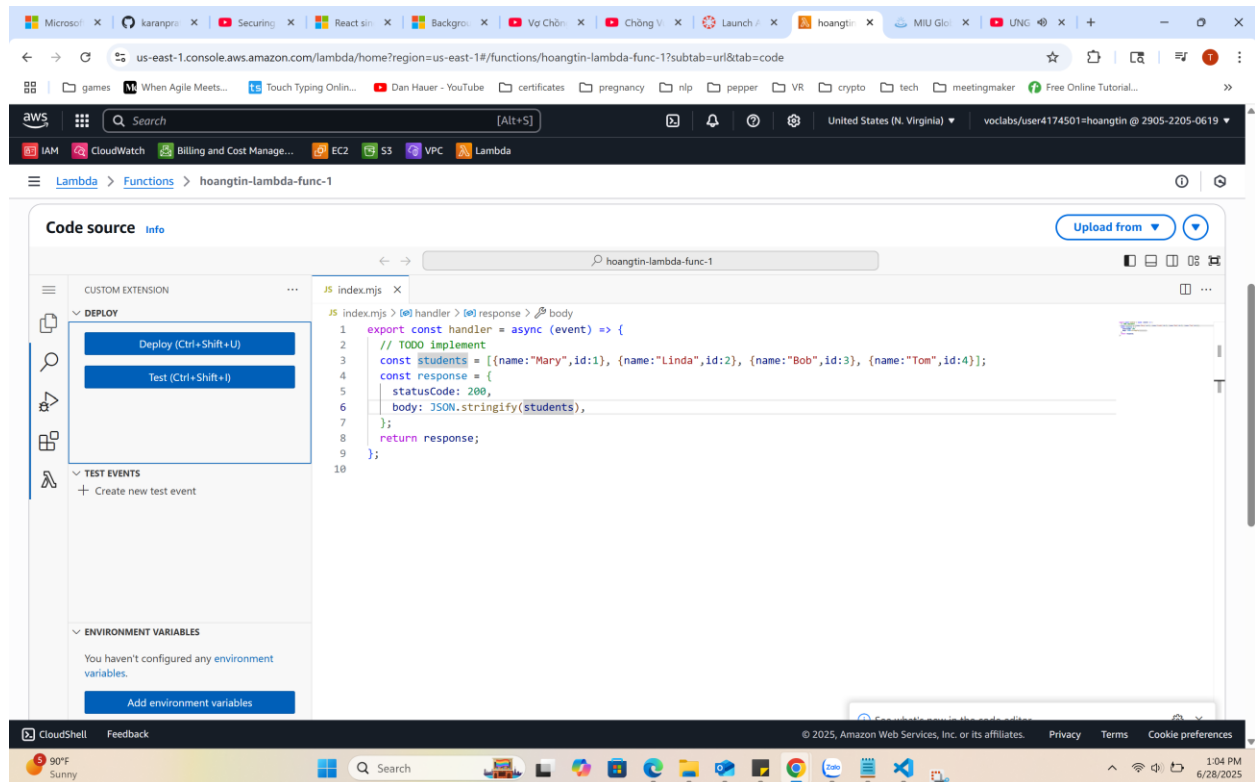
```
1 export const handler = async (event) => {
2   // TODO implement
3   const names = ["Mary", "Linda", "Bob", "Tom"];
4   const response = {
5     statusCode: 200,
6     body: JSON.stringify(names),
7   };
8   return response;
9 }
10
```

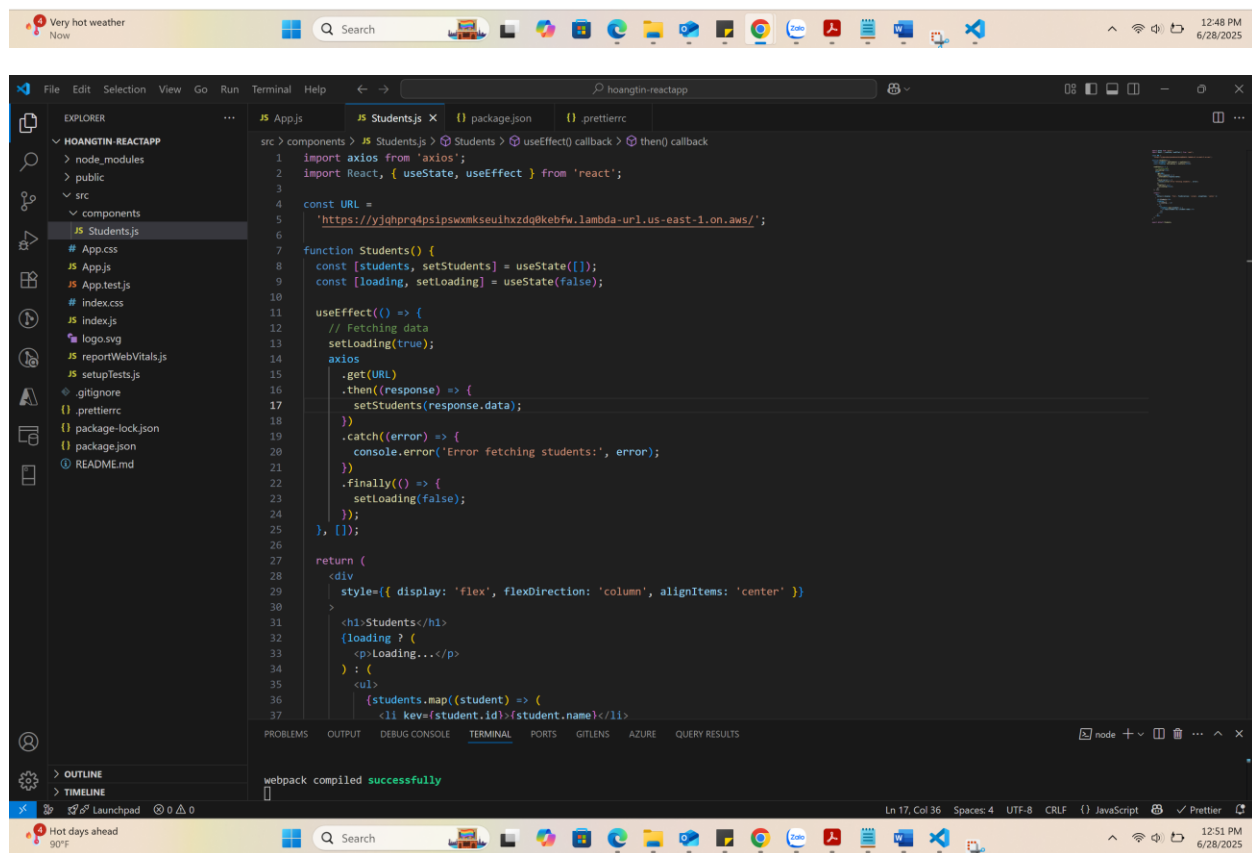
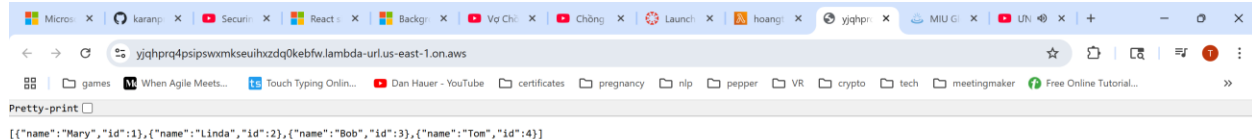
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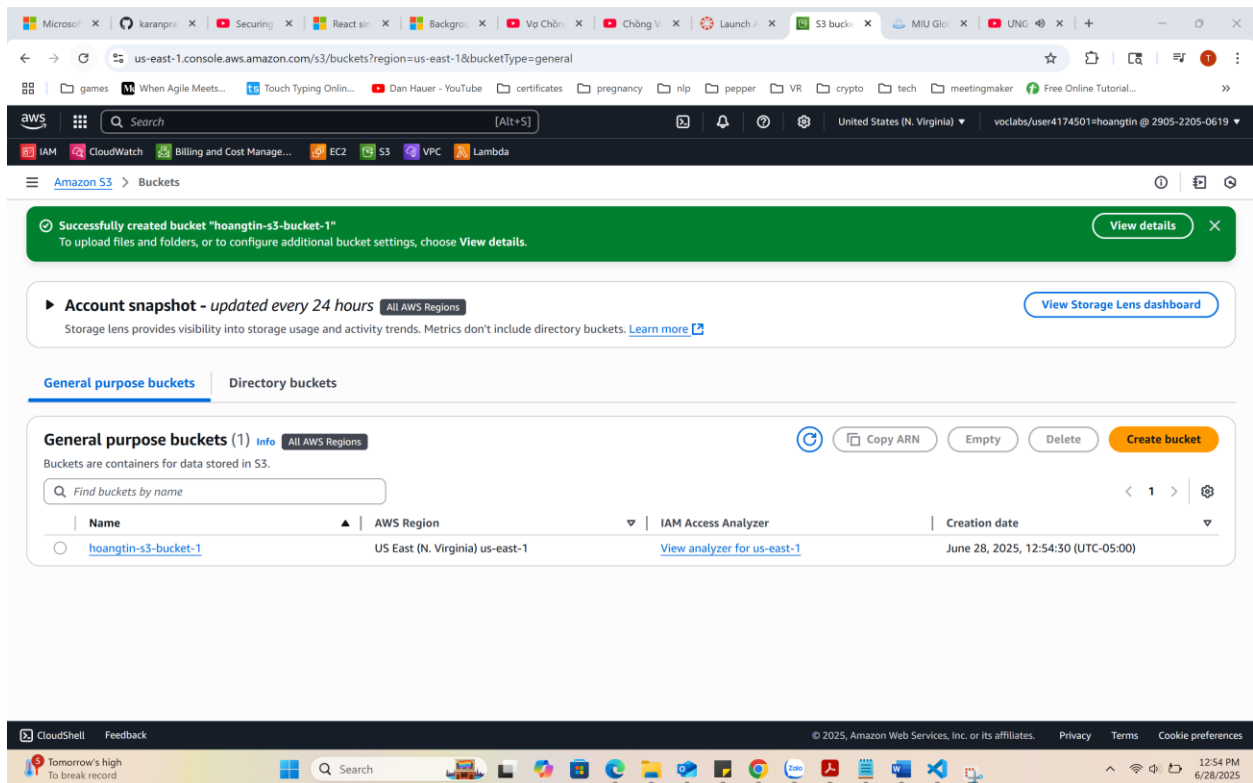
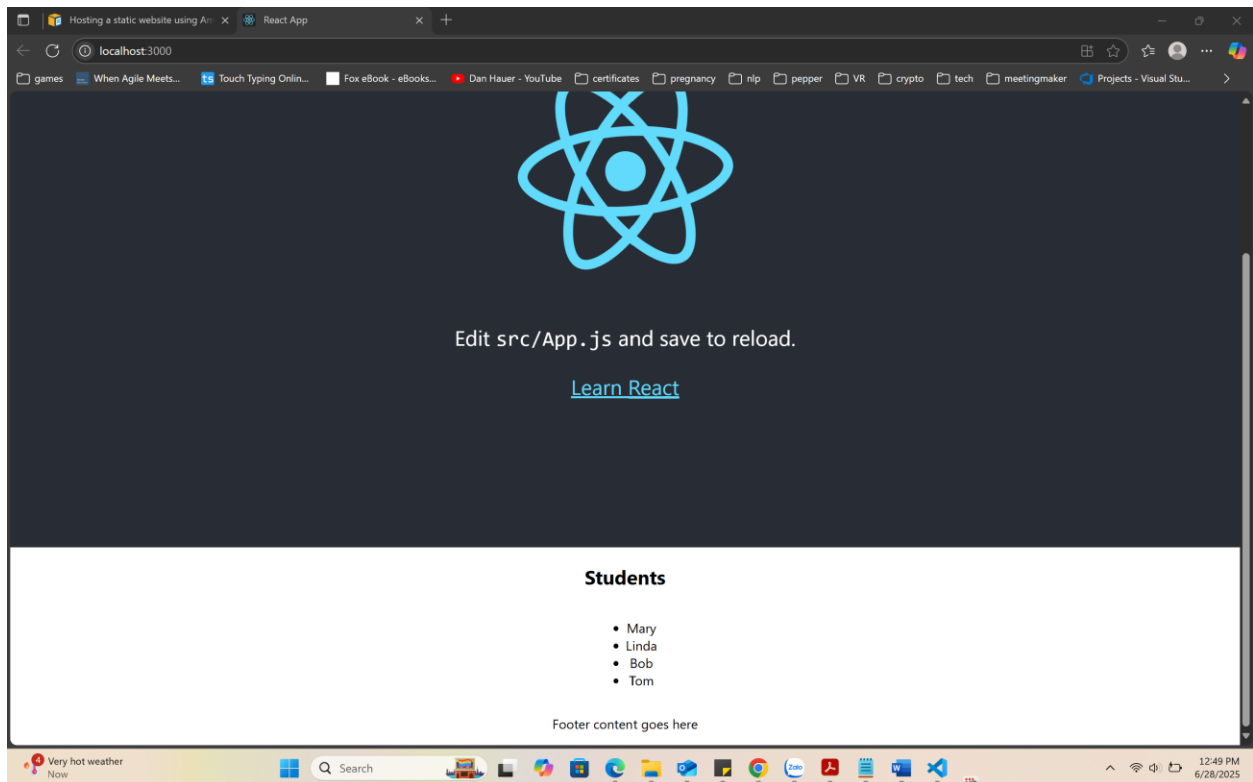
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## Task 3 – Deploying a static website in S3









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us-east-1.console.aws.amazon.com/s3/upload/hoangtin-s3-bucket-1?region=us-east-1&bucketType=general

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IAM CloudWatch Billing and Cost Manage... EC2 S3 VPC Lambda

Upload succeeded  
For more information, see the Files and folders table.

Upload: status Close

After you navigate away from this page, the following information is no longer available.

Summary

Destination s3://hoangtin-s3-bucket-1	Succeeded 15 files, 1.3 MB (100.00%)	Failed 0 files, 0 B (0%)
--	---	-----------------------------

Files and folders | Configuration

Files and folders (15 total, 1.3 MB)

Find by name

Name	Folder	Type	Size	Status	Error
asset-manifest.json	-	application/json	605.0 B	Succeeded	-
favicon.ico	-	image/x-icon	3.8 KB	Succeeded	-
index.html	-	text/html	644.0 B	Succeeded	-
index302.html	-	text/html	6.3 KB	Succeeded	-

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us-east-1.console.aws.amazon.com/s3/buckets/hoangtin-s3-bucket-1?region=us-east-1&bucketType=general&tab=permissions

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Amazon S3 > Buckets > hoangtin-s3-bucket-1

Successfully edited bucket policy.

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

```
{
  "Version": "2012-10-17",
  "Id": "Policy1650912821527",
  "Statement": [
    {
      "Sid": "Stmnt1650912820312",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::hoangtin-s3-bucket-1/*"
    }
  ]
}
```

Copy

Object Ownership [Info](#) Edit

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Microsoft Edge browser window showing the AWS console page for the bucket 'hoangtin-s3-bucket-1'. The page displays the 'Static website hosting' configuration, which is enabled. A green notification bar at the top states 'Successfully edited static website hosting.' The configuration details include: Requester pays (Disabled), Static website hosting (Enabled), Hosting type (Bucket hosting), and Bucket website endpoint (http://hoangtin-s3-bucket-1.s3-website-us-east-1.amazonaws.com). A blue button 'Create Amplify app' is visible. Below the configuration, a CloudShell terminal window is open, showing the command 'npm run build' and its output, which includes the React logo and instructions to edit src/App.js and save to reload.

CloudShell terminal window showing the command 'npm run build' and its output. The output includes the React logo and instructions to edit src/App.js and save to reload. Below the terminal, a list of students is displayed: Mary, Linda, Bob, and Tom. The footer content is indicated as 'Footer content goes here'.