

## Instalar AmplifyCLI

```
C:\Users\maria>npm install -g @aws-amplify/cli

added 26 packages in 2m

7 packages are looking for funding
  run `npm fund` for details

C:\Users\maria>amplify configure
Follow these steps to set up access to your AWS account:

Sign in to your AWS administrator account:
https://console.aws.amazon.com/
Press Enter to continue


Specify the AWS Region
? region: us-west-2
Follow the instructions at
https://docs.amplify.aws/cli/start/install/#configure-the-amplify-cli

to complete the user creation in the AWS console
https://console.aws.amazon.com/iamv2/home#/users/create
Press Enter to continue
```

Configurar el Amplify CLI y como nombre de usuario es: amplify-[primer letra de nombre y primer apellido].

IAM > Usuarios > Mmendozar

Mmendozar Eliminar





Resumen		
ARN  arn:aws:iam::815693172179:user/Mmendozar	Acceso a la consola Desactivada	Clave de acceso 1 AKIA332Y2BXJTV32JZ7B - Active <small>Nunca usado. Creado hoy.</small>
Creado June 13, 2023, 16:35 (UTC-06:00)	Último inicio de sesión en la consola -	Clave de acceso 2 No habilitado

**Permisos** | Grupos | Etiquetas | Credenciales de seguridad | Access Advisor

**Políticas de permisos (1)** Recargar Eliminar Agregar permisos ▼

Los permisos se definen mediante políticas asociadas al usuario directamente o a través de grupos.

Todos los tipos ▼ < 1 > ⚙️

<input type="checkbox"/>	Nombre de la política 	Tipo ▼	Adjuntado a través de 
<input type="checkbox"/>	  AdministratorAcce...	Administrada por AWS	Directamente

```

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https://console.aws.amazon.com/iamv2/home#/users/create
Press Enter to continue

Enter the access key of the newly created user:
? accessKeyId:  *****
? secretAccessKey:  *****
This would update/create the AWS Profile in your local machine
? Profile Name:  amplify-mmendozar

Successfully set up the new user.

```

Crear un nuevo proyecto angular con el nombre: amplify--[primer letra de nombre y primer apellido].

```

PS D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas> npx -p @angular/cli ng new amplify-mmendozar
Need to install the following packages:
  @angular/cli@16.1.0
Ok to proceed? (y) y
? Would you like to add Angular routing? Yes
? Which stylesheet format would you like to use? CSS
CREATE amplify-mmendozar/angular.json (2755 bytes)
CREATE amplify-mmendozar/package.json (1048 bytes)
CREATE amplify-mmendozar/README.md (1070 bytes)
CREATE amplify-mmendozar/tsconfig.json (901 bytes)
CREATE amplify-mmendozar/.editorconfig (274 bytes)
CREATE amplify-mmendozar/.gitignore (548 bytes)
CREATE amplify-mmendozar/tsconfig.app.json (263 bytes)
CREATE amplify-mmendozar/tsconfig.spec.json (273 bytes)
CREATE amplify-mmendozar/.vscode/extensions.json (130 bytes)
CREATE amplify-mmendozar/.vscode/launch.json (470 bytes)
CREATE amplify-mmendozar/.vscode/tasks.json (938 bytes)
CREATE amplify-mmendozar/src/main.ts (214 bytes)
CREATE amplify-mmendozar/src/favicon.ico (948 bytes)
CREATE amplify-mmendozar/src/index.html (302 bytes)
CREATE amplify-mmendozar/src/styles.css (80 bytes)
CREATE amplify-mmendozar/src/app/app-routing.module.ts (245 bytes)
CREATE amplify-mmendozar/src/app/app.module.ts (393 bytes)
CREATE amplify-mmendozar/src/app/app.component.html (23115 bytes)
CREATE amplify-mmendozar/src/app/app.component.spec.ts (1024 bytes)
CREATE amplify-mmendozar/src/app/app.component.ts (221 bytes)
CREATE amplify-mmendozar/src/app/app.component.css (0 bytes)
CREATE amplify-mmendozar/src/assets/.gitkeep (0 bytes)
✓ Packages installed successfully.
warning: in the working copy of '.editorconfig', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.vscode/extensions.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.vscode/launch.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.vscode/tasks.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'angular.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'package-lock.json', LF will be replaced by CRLF the next time Git touches it

```

Crear un Amplify Backend, ingresar el nombre del proyecto: amplify--[primer letra de nombre y primer apellido]

```
PS D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar> amplify init
Note: It is recommended to run this command from the root of your app directory
? Enter a name for the project amplifymmendozar
The following configuration will be applied:

Project information
| Name: amplifymmendozar
| Environment: dev
| Default editor: Visual Studio Code
| App type: javascript
| Javascript framework: angular
| Source Directory Path: src
| Distribution Directory Path: dist
| Build Command: npm.cmd run-script build
| Start Command: ng serve

? Initialize the project with the above configuration? Yes
Using default provider awscloudformation
? Select the authentication method you want to use: AWS profile

For more information on AWS Profiles, see:
https://docs.aws.amazon.com/cli/latest/userguide/cli-configure-profiles.html

? Please choose the profile you want to use Mmendozar
Adding backend environment dev to AWS Amplify app: dli6molmru2ekk

Deployment completed.
Deploying root stack amplifymmendozar [ ===== ] 2/4
  amplify-amplifymmendozar-dev-... AWS::CloudFormation::Stack CREATE_IN_PROGRESS Tue Jun 13 2023
    UnauthRole AWS::IAM::Role CREATE_COMPLETE Tue Jun 13 2023
    AuthRole AWS::IAM::Role CREATE_COMPLETE Tue Jun 13 2023
    DeploymentBucket AWS::S3::Bucket CREATE_IN_PROGRESS Tue Jun 13 2023

/ Help improve Amplify CLI by sharing non sensitive configurations on failures (y/N) : yes
Deployment state saved successfully.
/ Initialized provider successfully.
✓ Initialized your environment successfully.

Your project has been successfully initialized and connected to the cloud!
```

Conecta con la base de datos GraphQL, pegar pantalla donde insertes restaurantes y lo puedas ver en dos navegadores.

```
PS D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar> amplify add api
? Select from one of the below mentioned services: GraphQL
? Here is the GraphQL API that we will create. Select a setting to edit or continue Continue
? Choose a schema template: Single object with fields (e.g., "Todo" with ID, name, description)

▲ WARNING: your GraphQL API currently allows public create, read, update, and delete access to all models via an API Key. To configure PRO
DUCTION-READY authorization rules, review: https://docs.amplify.aws/cli/graphql/authorization-rules

✓ GraphQL schema compiled successfully.

Edit your schema at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifymmendozar\s
chema.graphql or place .graphql files in a directory at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\am
plify\backend\api\amplifymmendozar\schema
/ Do you want to edit the schema now? (Y/n) : yes
Edit the file in your editor: D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifym
mendozar\schema.graphql
✓ Successfully added resource amplifymmendozar locally

✓ Some next steps:
"amplify push" will build all your local backend resources and provision it in the cloud
"amplify publish" will build all your local backend and frontend resources (if you have hosting category added) and provision it in the clou
d

PS D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar> |
```

```
Windows PowerShell
d

PS D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar> amplify push
Building resource api/amplifymmendozar GraphQL schema compiled successfully.

Edit your schema at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifymmendozar\schema.graphql or place .graphql files in a directory at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifymmendozar\schema
Successfully pulled backend environment dev from the cloud.
Building resource api/amplifymmendozar GraphQL schema compiled successfully.

Edit your schema at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifymmendozar\schema.graphql or place .graphql files in a directory at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifymmendozar\schema

Current Environment: dev



| Category | Resource name    | Operation | Provider plugin   |
|----------|------------------|-----------|-------------------|
| Api      | amplifymmendozar | Create    | awscloudformation |



Are you sure you want to continue? (Y/n) : yes
GraphQL schema compiled successfully.

Edit your schema at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifymmendozar\schema.graphql or place .graphql files in a directory at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifymmendozar\schema
Building resource api/amplifymmendozar GraphQL schema compiled successfully.

Edit your schema at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifymmendozar\schema.graphql or place .graphql files in a directory at D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar\amplify\backend\api\amplifymmendozar\schema
Do you want to generate code for your newly created GraphQL API Yes
Choose the code generation language target angular
Enter the file name pattern of graphql queries, mutations and subscriptions src/graphql/**/*.graphql
Do you want to generate/update all possible GraphQL operations - queries, mutations and subscriptions Yes
Enter maximum statement depth [increase from default if your schema is deeply nested] 2
Enter the file name for the generated code src/app/API.service.ts

Deployment completed.
Deployed root stack amplifymmendozar [ ] 2/2
```

```
Windows PowerShell

? Enter maximum statement depth [increase from default if your schema is deeply nested] 2
? Enter the file name for the generated code src/app/API.service.ts

Deployment completed.
Deployed root stack amplifymmendozar [ ] 2/2
  amplify-amplifymmendozar-dev- AWS::CloudFormation::Stack UPDATE_COMPLETE Tue Jun 13 2023 17:36:36...
  api/amplifymmendozar AWS::CloudFormation::Stack CREATE_COMPLETE Tue Jun 13 2023 17:36:34...
Deployed api amplifymmendozar [ ] 6/6
  GraphQLAPI AWS::AppSync::GraphQLApi CREATE_COMPLETE Tue Jun 13 2023 17:35:06...
  GraphQLAPIINONEDS95A13CF8 AWS::AppSync::DataSource CREATE_COMPLETE Tue Jun 13 2023 17:35:08...
  GraphQLAPITransformerSchema3C AWS::AppSync::GraphQLSchema CREATE_COMPLETE Tue Jun 13 2023 17:35:19...
  GraphQLAPIDefaultApiKey215A6D AWS::AppSync::ApiKey CREATE_COMPLETE Tue Jun 13 2023 17:35:19...
  Restaurant AWS::CloudFormation::Stack CREATE_IN_PROGRESS Tue Jun 13 2023 17:35:21...

Generated GraphQL operations successfully and saved at src/graphql
Code generated successfully and saved in file src/app/API.service.ts
Deployment state saved successfully.

GraphQL endpoint: https://olmk54do25hkb61xyvvdwgkwe.appsync-api.us-west-2.amazonaws.com/graphql
GraphQL API KEY: da2-w2chvguuyvgwrf65mmroezopt4

GraphQL transformer version: 2

PS D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar> amplify status

Current Environment: dev



| Category | Resource name    | Operation | Provider plugin   |
|----------|------------------|-----------|-------------------|
| Api      | amplifymmendozar | No Change | awscloudformation |

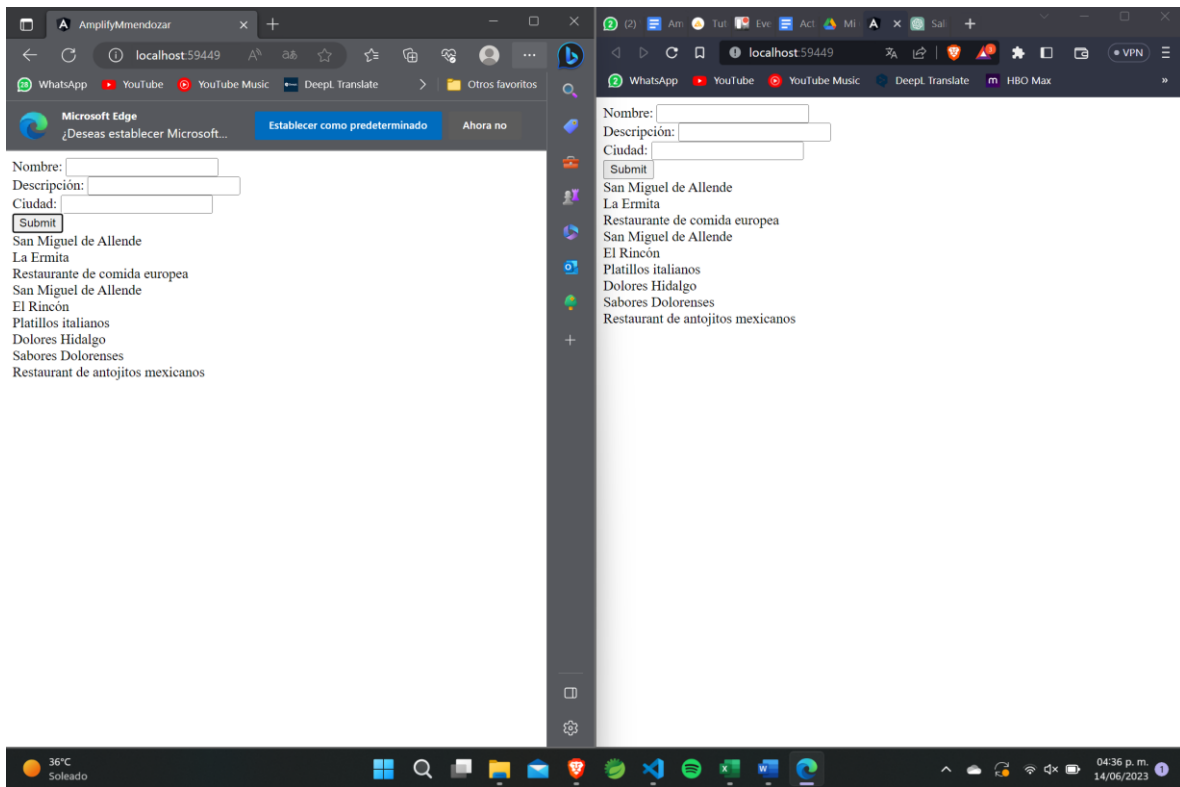


GraphQL endpoint: https://olmk54do25hkb61xyvvdwgkwe.appsync-api.us-west-2.amazonaws.com/graphql
GraphQL API KEY: da2-w2chvguuyvgwrf65mmroezopt4

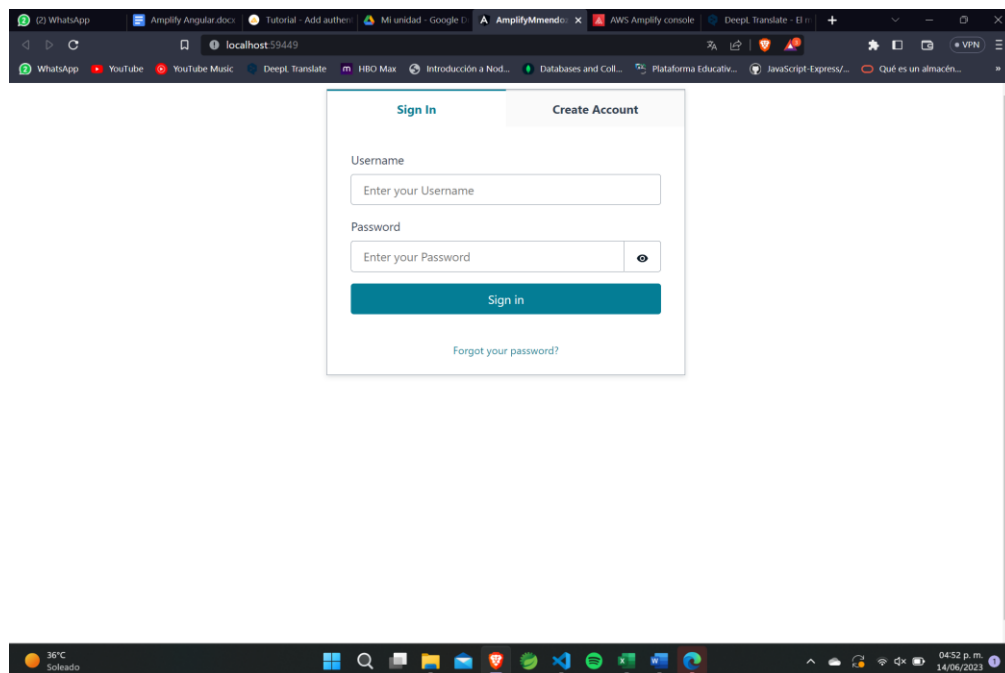
GraphQL transformer version: 2

PS D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar> amplify console api
Select from one of the below mentioned services: GraphQL
PS D:\Documentos\Noveno\Desarrollo Web Integral\Unidad 3\Prácticas\amplify-mmendozar> |
```

## Inserción y listado de restaurantes



## Agregar autenticación. Crear un nuevo usuario y verificar correo electrónico.



localhost:59449

WhatsApp YouTube YouTube Music DeepL Translate HBO Max Introducción a Nod... Databases and Coll... Plataforma Educativ... JavaScript-Express/... Qué es un almacén...

Sign In

Create Account

Username

Password

Confirm Password

Email

Create Account

(2) WhatsApp Amplify Angular.d Tutorial - Add aut Mi unidad - Goop AmplifyMme AWS Amplify cons DeepL Translate Your verification c

localhost:59449

WhatsApp YouTube YouTube Music DeepL Translate HBO Max Introducción a Nod... Databases and Coll... Plataforma Educativ... JavaScript-Express/... Qué es un almacén...

We Emailed You

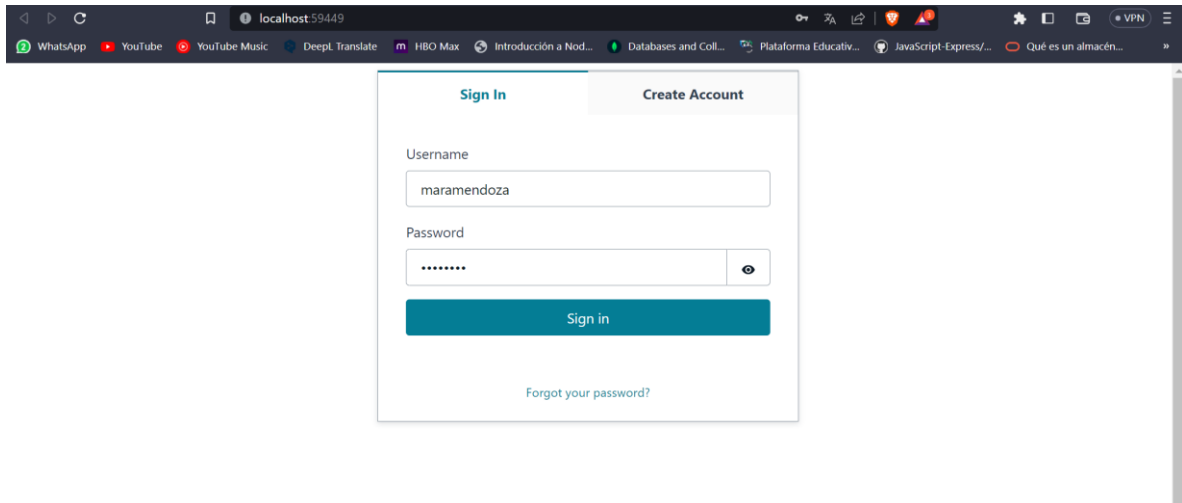
Your code is on the way. To log in, enter the code we emailed to m\*\*\*@g\*\*\*. It may take a minute to arrive.

Confirmation Code

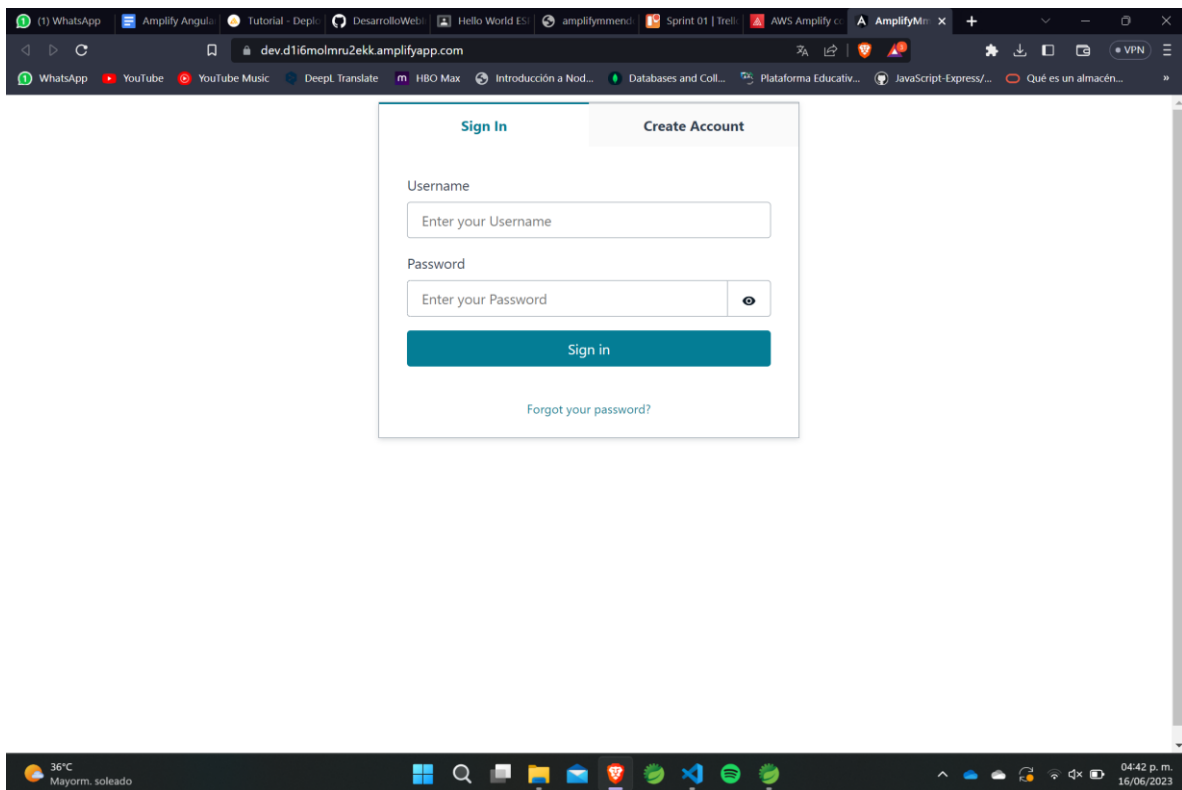
Confirm

Resend Code

36°C Soleado 04:53 p. m. 14/06/2023



Despliega la aplicación y prueba con URL



a. Menciona las tecnologías que usaste y da una breve explicación sobre su uso.

Angular. AWS.

Amplify: proporcionó bibliotecas, componentes y hosting para la creación de una pequeña aplicación de restaurantes.

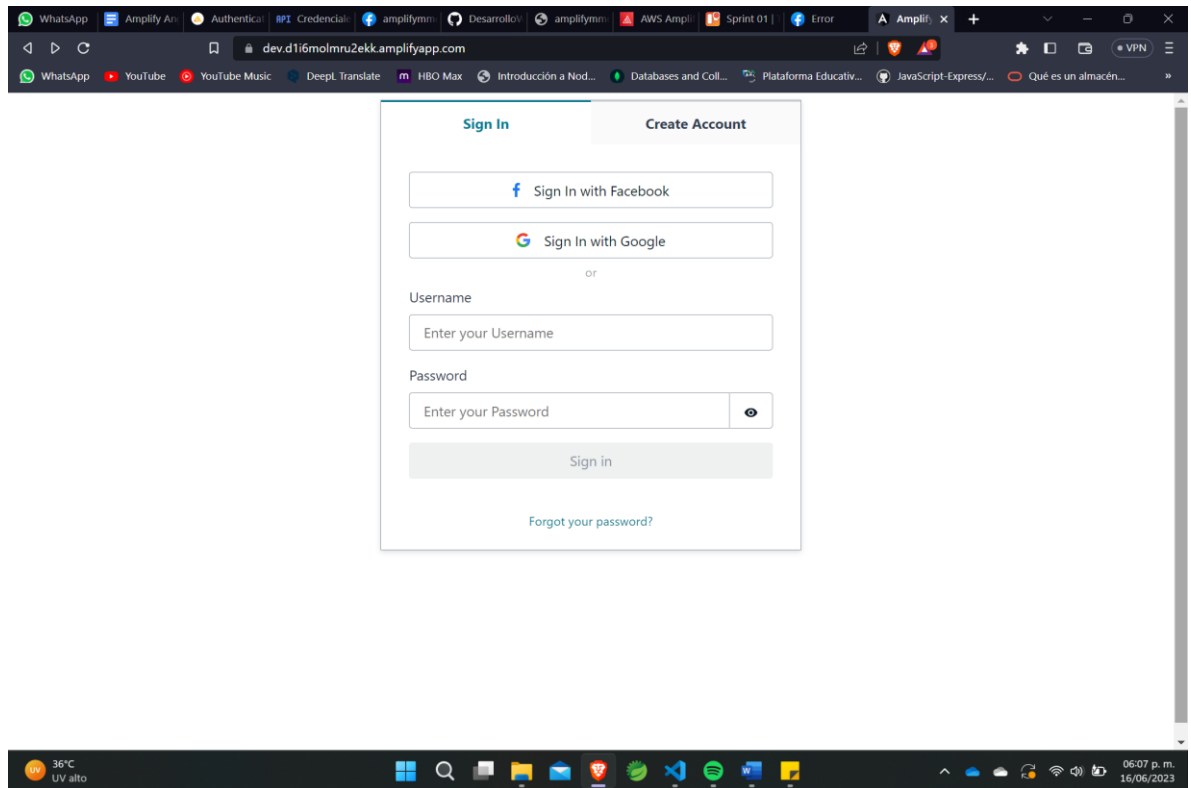
GraphQL: API que permitió almacenar la información de la aplicación, en este caso, de los restaurantes.

- b. ¿Cómo pudieras implementarlo en proyecto que estás desarrollando?

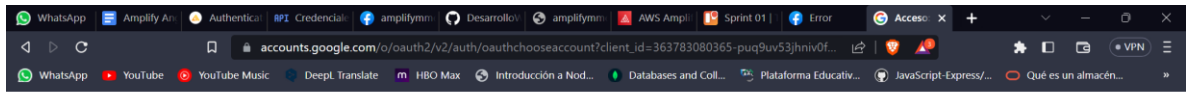
Para el proyecto EventickNow pudiéramos aplicarlo para personalizar el registro e inicio de sesión que nos da por defecto, adaptándolo a nuestras necesidades, además de tener la base de datos, el backend y frontend en un solo lugar. Otro beneficio de implementar Amplify en nuestro proyecto sería el hosting.

- c. Agregar al menos otras dos maneras de autenticación como Facebook, Google

Autenticación con Google (con Facebook no funcionó :c)







Acceder con Google

### Elegir una cuenta

para ir a [amazoncognito.com](https://amazoncognito.com)

**Maria Mendoza**  
mariagmenr@gmail.com

Saliste de tu cuenta

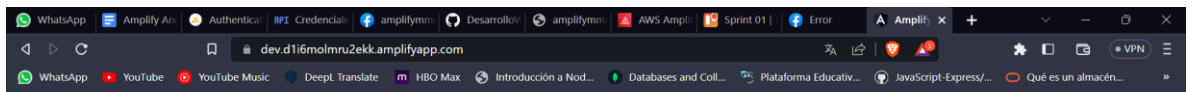
**Marlene Rodriguez Aguado**  
lene.marlene210@gmail.com

Saliste de tu cuenta

Usar otra cuenta

Para continuar, Google compartirá tu nombre, dirección de correo electrónico, preferencia de idioma y foto de perfil con amazoncognito.com.

[Español \(Latinoamérica\)](#) [Ayuda](#) [Privacidad](#) [Condiciones](#)



Nombre:

Descripción:

Ciudad:

Dolores Hidalgo

Sabores Dolorenses

Restaurant de antojitos mexicanos

San Miguel de Allende

El Rincón

Platillos italianos

San Miguel de Allende

La Ermita

Restaurante de comida europea

