












 focusOtter /
appsync-apikey-pagination-frontend

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Fetch Data from a DynamoDB Database with AWS Amplify and GraphQL

aws.amazon.com/blogs/mobile/secure-aws-appsync-with-api-keys-using-the-aws-cdk/

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 Public repository

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 Branches  Tags

Michael Liendo update readme ...

on Nov 6, 2022  3

[View code](#)

Fetch Data from a DynamoDB Database with AWS Amplify

This repo is part of a fullstack application. The backend can be found [here](#).

Using a NextJS app with the [AWS Amplify JavaScript libraries](#), we can hook into AWS resources. This frontend demonstrates hooking into an AppSync API that is protected with the an API Key.

```
// replace with your own keys
Amplify.configure({
  aws_project_region: 'us-east-1',
  aws_appsync_graphqlEndpoint:
    'https://c4wds3boinhrdemdnqkt5uztny.appsync-api.us-east-1.amazonaws.',
  aws_appsync_region: 'us-east-1',
  aws_appsync_authenticationType: 'API_KEY',
```

```
aws_appsync_apiKey: 'da2-ze45yo5nm5dttnnsvkyoxwbbvq',  
  })
```

In addition to configuring our frontend, the Amplify libraries also provide several ways to [call our backend](#) depending on how much or little we want our frontend to make use of Amplify:

```
//alternatively, run the following commands in your terminal:  
// 1. npm i -g @aws-amplify/cli -g  
// 2. amplify init -y  
// 3. amplify add codegen --apiId YOUR-API-ID 🐼  
const fetchUsersQuery = `  
  query ListUsers($limit: Int, $nextToken: String) {  
    listUsers(limit: $limit, nextToken: $nextToken) {  
      items {  
        userId  
        firstname  
        lastname  
        picture  
      }  
      nextToken  
    }  
  }  
`
```

Note the `nextToken` field. This will return a token if there are more users available. This is how pagination is done in GraphQL.

For styling the [AWS Amplify UI library])(<https://ui.docs.amplify.aws/>) is used to create the following page when the application is run with `npm run dev` :

☰ README.md

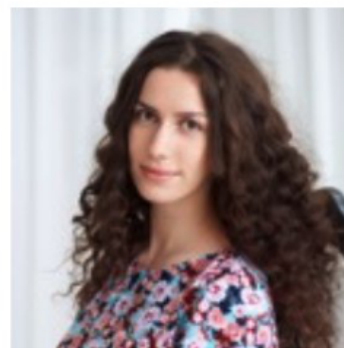
User Profile List



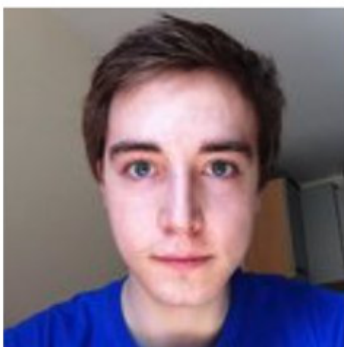
Lucas Chavarría



Geoff Ferguson



Yashika Nand



Leandro Clement



Shane Caldwell

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Content Created [↗](#)

- AWS blog post: [Secure AWS AppSync with API Keys using the AWS CDK](#)

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● JavaScript 100.0%