

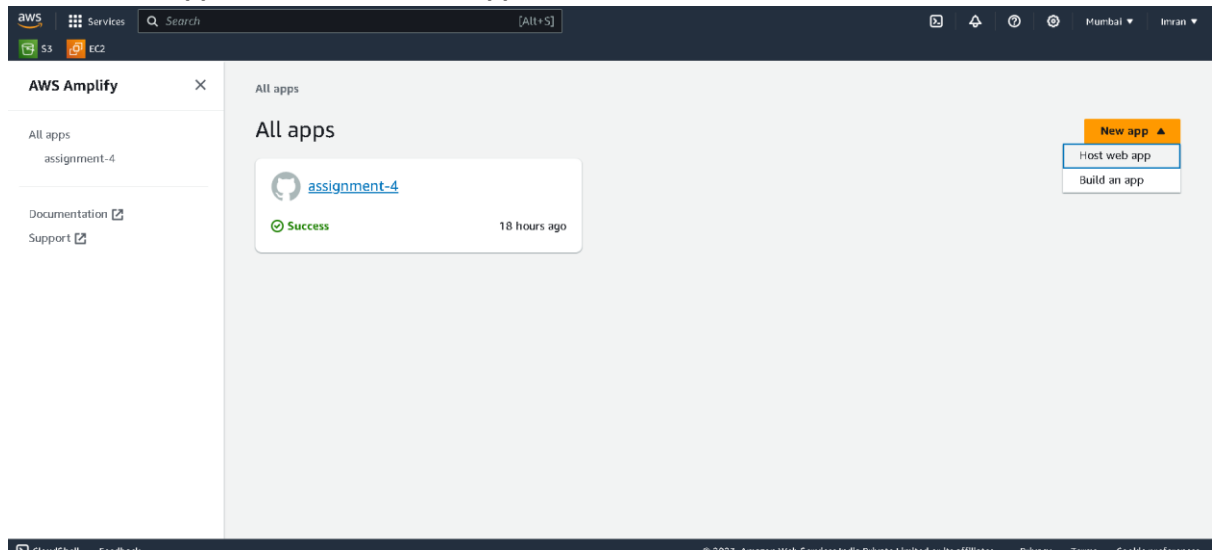
Assignment for Cloud Engineer

1. Search any publicly available Next.js sample application. This can be any static site build with Next.js. Backend is not really required.
2. Clone this application code from step 1 in your GitHub repository.
3. Deploy this application on AWS Amplify. a. Provision Amplify infrastructure using terraform. b. Setup CI/CD pipeline with Amplify's inbuilt functionality.
4. Create a detailed README file of the steps you followed for this setup. 5. Submit the deployed application url and a link to your repository with a README file in it to HR Team.

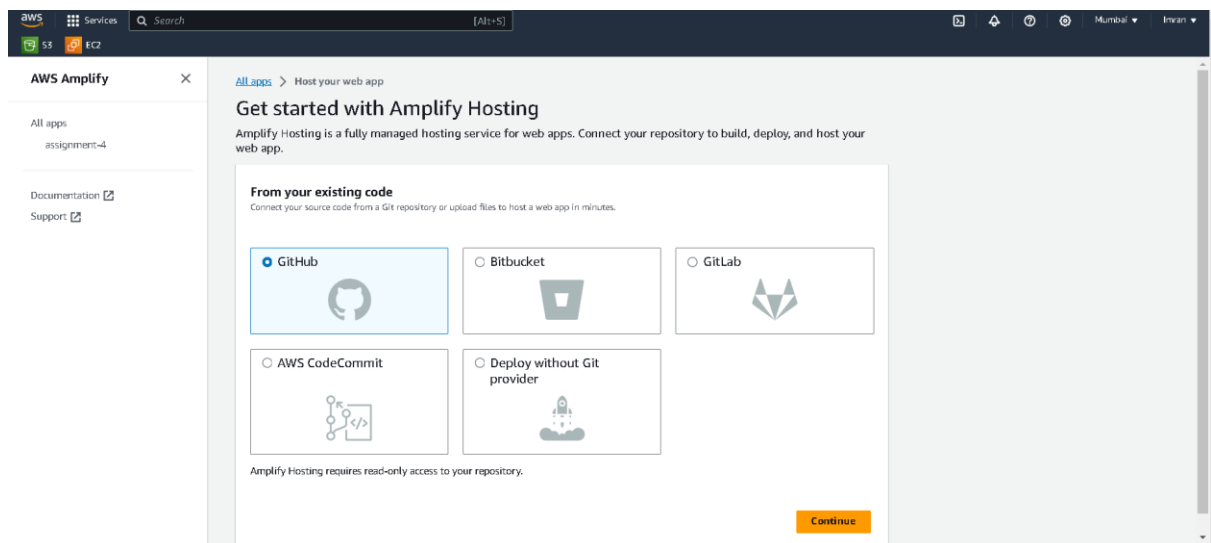
Note – You can submit whatever progress you have made at the end of 3 days from the date of receiving this assignment. Completing this assignment increases your chances of getting hired.

Assignment 4

1. Sign In aws console
2. Search aws amplify, open aws amplify service.
3. Click on **New app** and select **Host web app**



4. Select github and click on continue



6. Login with github and select your gitub repository click on next

[All apps](#) > Host your web app

Step 1
Add repository branch

Step 2
Build settings

Step 3
Review

Add repository branch

GitHub

✔ GitHub authorization was successful.

Repository service provider
GitHub

Recently updated repositories

Repository is already connected to another app
You can connect it again, but any connected branch(es) that are shared between these apps will trigger builds in each app.

Imran9198/assignment-4

❗ If you don't see your repository in the dropdown above, ensure the Amplify GitHub App has permissions to the repository. If your repository still doesn't appear, push a commit and click the refresh button. [View GitHub permissions](#)

Branch
Select a branch from your repository.
main

☐ Connecting a monorepo? Pick a folder.

Cancel Previous **Next**

7. Name your application and Setup IAM role then click on next

[All apps](#) > Host your web app

Step 1
[Add repository branch](#)

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Review

Build settings

App build and test settings

App name
Pick a name for your app.
App name
assignment-4
Name cannot contain periods

Build and test settings
We've auto-detected your app's build settings. Please ensure your build command and output folder (baseDirectory) are correctly detected.

```
1 |version: 1
2 |frontend:
3 |  phases:
4 |    preBuild:
5 |      commands:
6 |        - yarn install
7 |    build:
8 |      commands:
9 |        - yarn run build
10 |  artifacts:
11 |    baseDirectory: .next
12 |    files:
13 |      - '**/*.*'
14 |  cache:
15 |    paths:
16 |      - node_modules/**/*
```

Build and test settings [Download](#) [Edit](#)

▶ Advanced settings

IAM Role

IAM service role
Amplify requires permissions to publish Server Side Rendering (SSR) logs to your CloudWatch account. To create custom roles go to the [IAM console](#).

☐ Create and use a new service role
☒ Use an existing service role

AmplifySSRLoggingRole-d5M177ts4s4

[View this service role in the IAM console](#)

Cancel Previous **Next**

8. Review all thing and click on save and deploy

[All apps](#) > Host your web app

Step 1
[Add repository branch](#)

Step 2
[Build settings](#)

Step 3
Review

Review

Repository details

| | |
|---|--------------------|
| Repository service GitHub | Branch environment |
| Repository Imran9198/assignment-4 | Application root |
| Branch main | |

App settings

| | |
|---|--|
| App name assignment-4 | Framework Next.js - SSR |
| Build image Using default image | Build settings Auto-detected settings will be used |
| Environment variables None | |

[Edit](#)

[Cancel](#) [Previous](#) [Save and deploy](#)

9. Check dashboard we will see our application

[All apps](#) > assignment-4

assignment-4

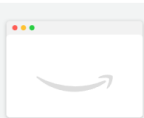
The AWS Amplify Console is the control center for your full-stack app inside the AWS Management console. Set up continuous deployment and hosting, create a full-stack app in Amplify Studio, and manage full-stack environments.

[Learn how to get the most out of Amplify Hosting](#) 1 of 5 steps complete

[Hosting environments](#) | Backend environments

This tab lists all connected branches, select a branch to view build details. [Connect branch](#)

main
Continuous deploys set up ([Edit](#))


<https://main.amplifyapps.com>

✓

✓

✓


ProvisionBuildDeploy

| | | |
|--|---|----------------------|
| Last deployment 10/8/2023, 7:36:02 PM | Last commit This is an autogenerated message Auto-build GitHub · main | Previews Disabled |
|--|---|----------------------|

Final Output : <https://main.d3hf177tstais4.amplifyapp.com/>



Welcome to Sample **Next.js** App!

 by Warren Gonzaga