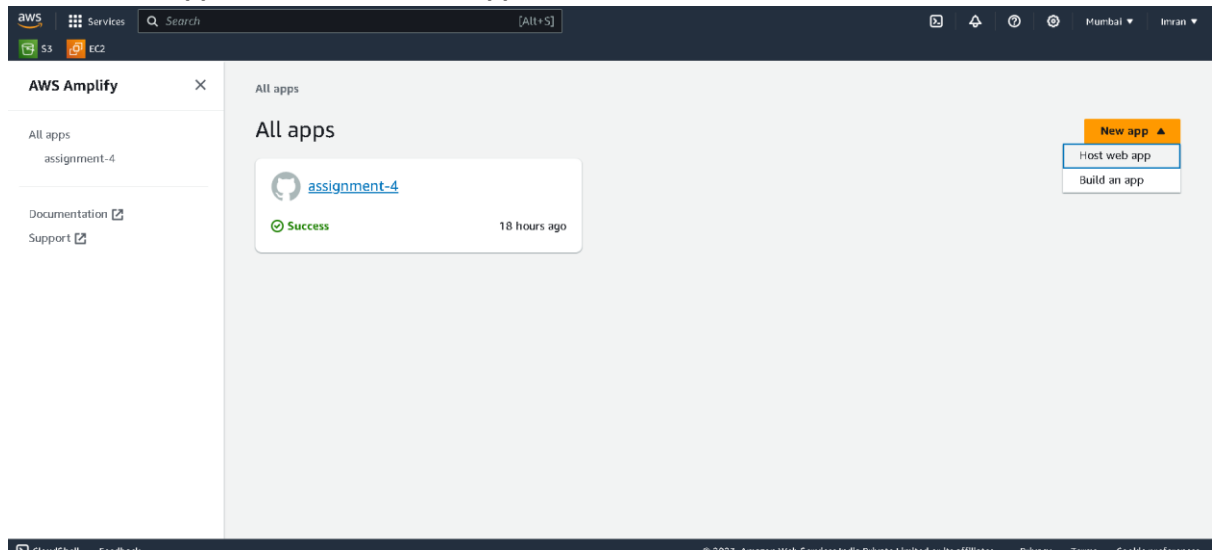# Assignment for Cloud Engineer

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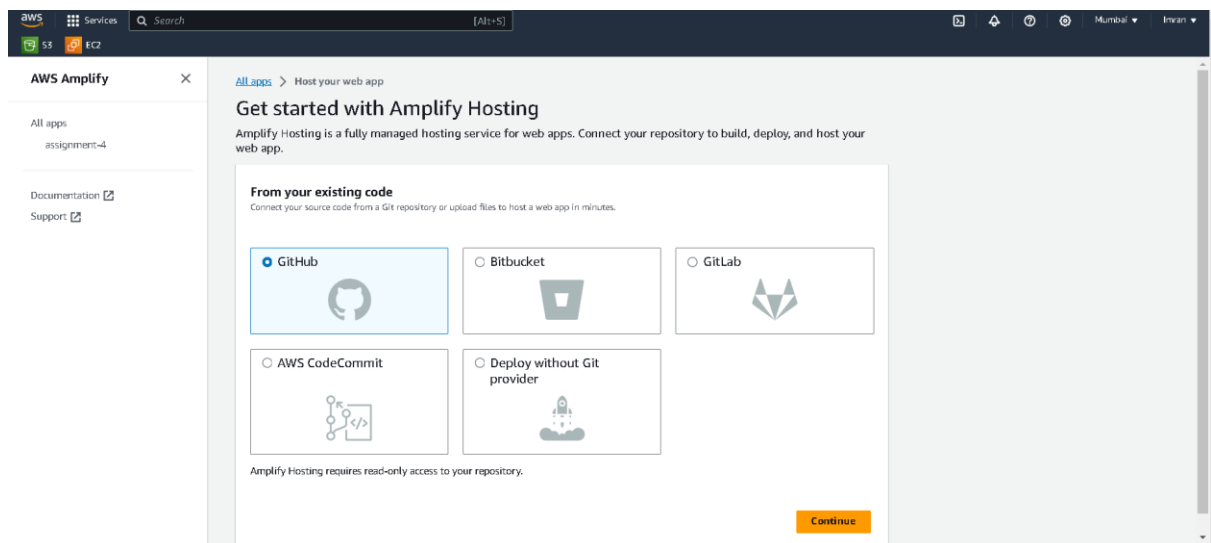
Note – You can submit whatever progress you have made at the end of 3 days from the date of receiving this assignment. Completing this assignment increases your chances of getting hired.

Assignment 4

1. Sign In aws console
2. Search aws amplify,open aws amlify 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

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

Repository
Imran9198/assignment-4

Branch
main

Branch environment

Application root

App settings   [Edit]

App name
assignment-4

Build image
Using default image

Environment variables
None

Framework
Next.js - SSR

Build settings
Auto-detected settings will be used

Cancel   Previous   **Save and deploy**

9. Check dashoboard we will see our apllication

All apps > assignment-4

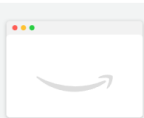## assignment-4   Actions ▼

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...amplifyapp.com ⬈

⊘ ——— ⊘ ——— ⊘
Provision   Build   Deploy

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 Waren Gonzaga