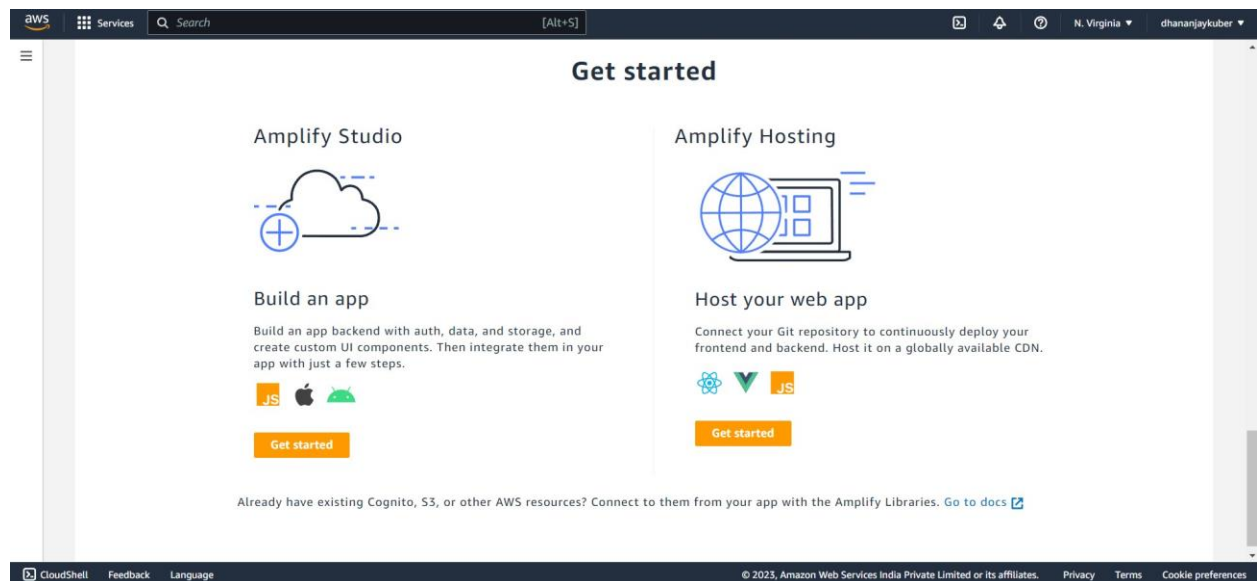


Name: Kaustubh Sagale
Roll No: 37054
Subject: Cloud Computing

Lab Assignment No. 06

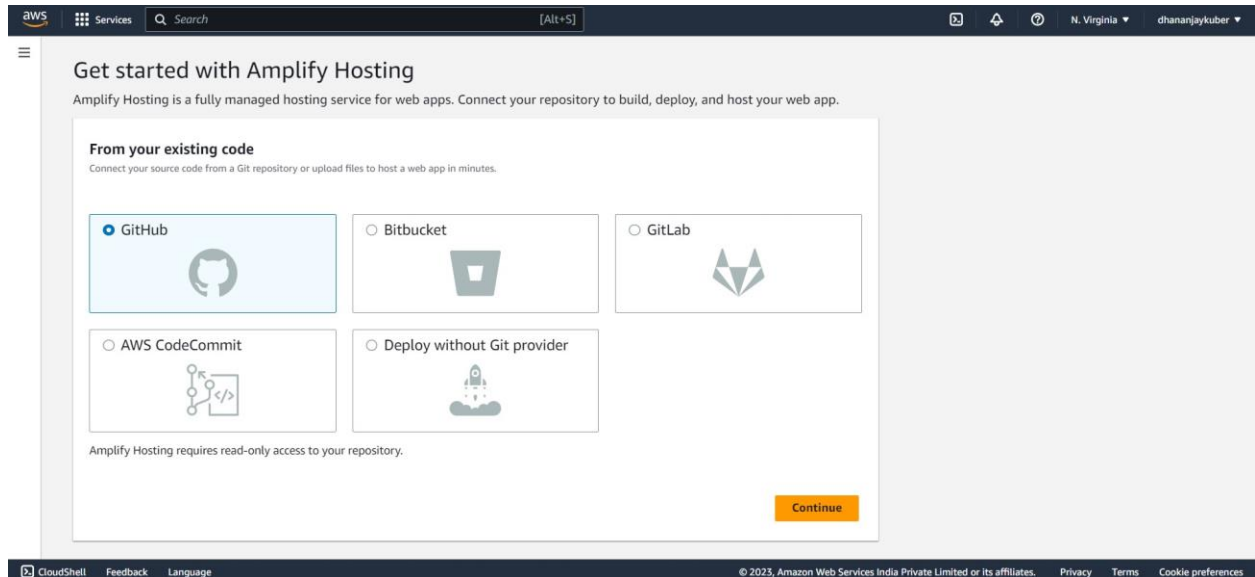
Title: Design and deploy a web application in a PaaS environment

1) Search for AWS Amplify service

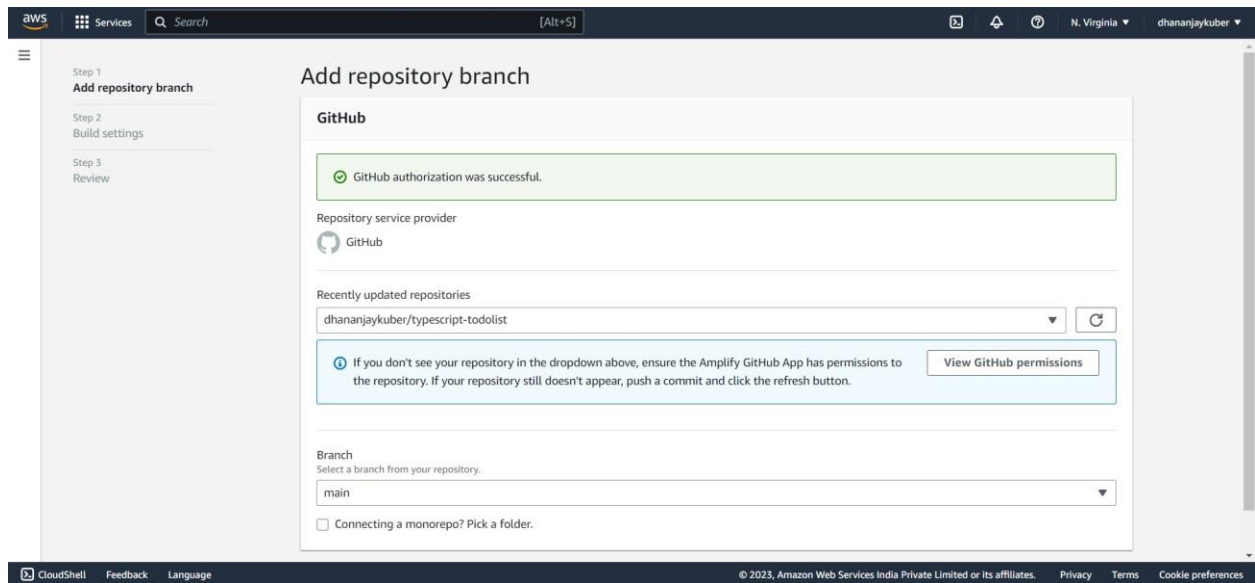


2) Click on **Get Started** to Host your Web app

3) Select Github as we already have our project on Github (react app)



4) Select the GitHub repository and branch name



5) Click on **Next**

App name
typescript-todolist
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         - npm ci
7       build:
8         commands:
9           - npm run build
10  artifacts:
11    baseDirectory: build
12    files:
13      - '**/*'
14  cache:
15    paths:
16      - node_modules/**/*
17
```

Build and test settings Download Edit

► **Advanced settings**

Cancel Previous Next

6) Click on **Save and deploy**

Repository details

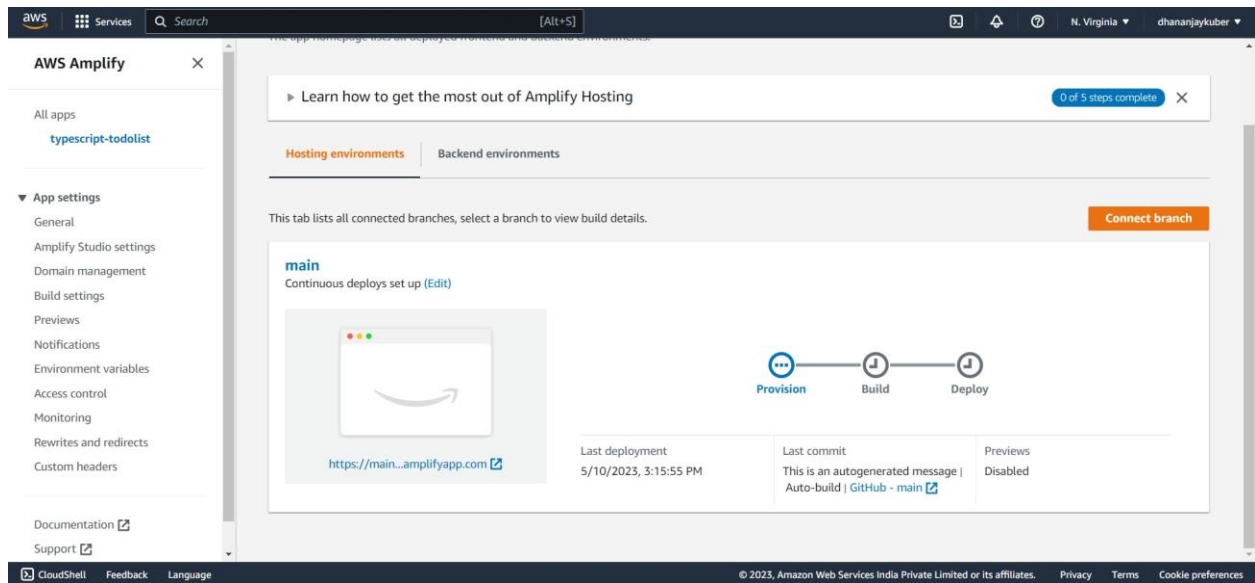
| | |
|------------------------------------|--------------------|
| Repository service | Branch environment |
| GitHub | Application root |
| Repository | |
| dhananjaykuber/typescript-todolist | |
| Branch | |
| main | |

App settings Edit

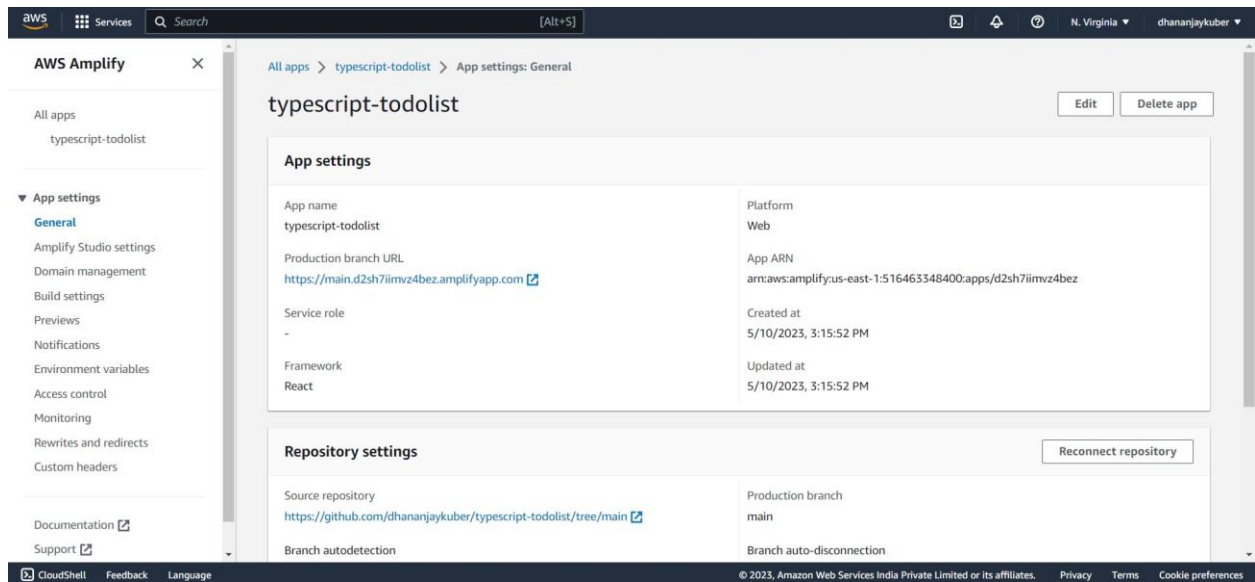
| | |
|-----------------------|-------------------------------------|
| App name | Framework |
| typescript-todolist | React |
| Build image | Build settings |
| Using default image | Auto-detected settings will be used |
| Environment variables | |
| None | |

Cancel Previous Save and deploy

7) Now it will Provision, Build and Deploy the application



Todo application is available at:
<https://main.d2sh7iimvz4bez.amplifyapp.com/>



TodoList.tsx

Todo List implemented using TypeScript and ReactJS

Add a task...

☒ Design and deploy a web application in a PaaS environment