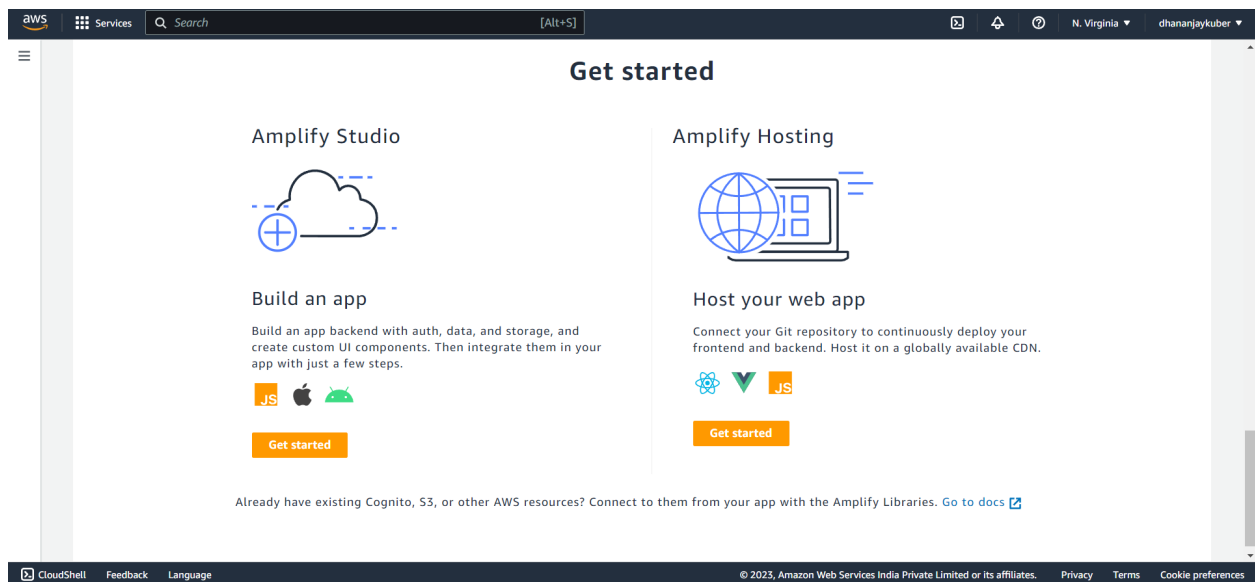


Name: Dhananjay Narayan Kuber
Roll No.: 35036
Subject: Cloud Computing

Lab Assignment No. 06

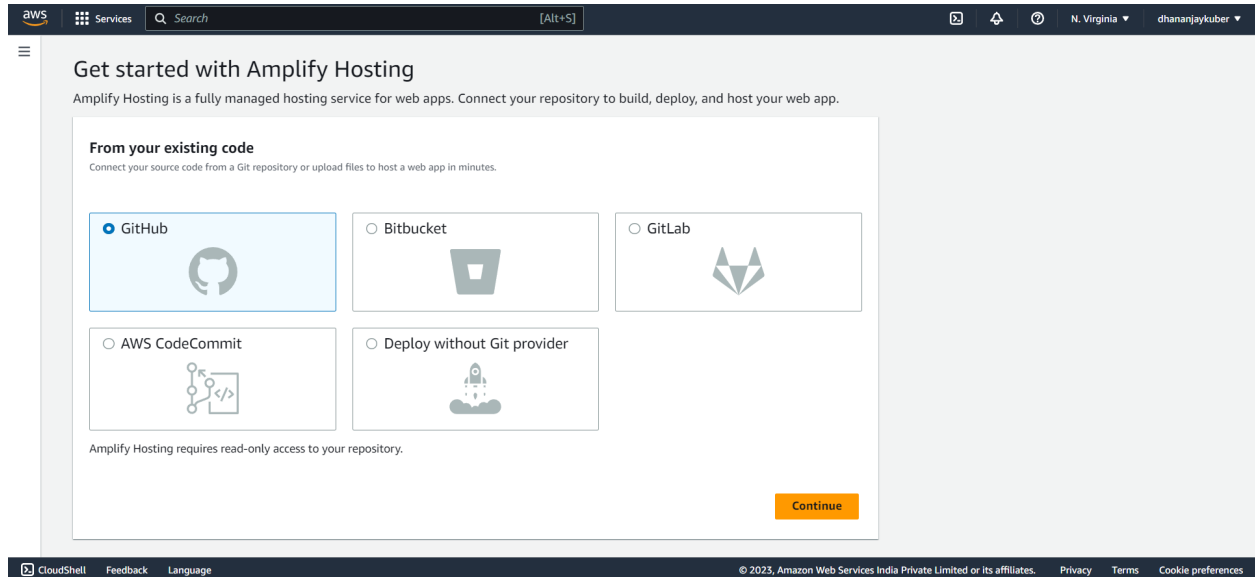
Title: Design and deploy a web application in a PaaS environment

1) Search for AWS Amplify service

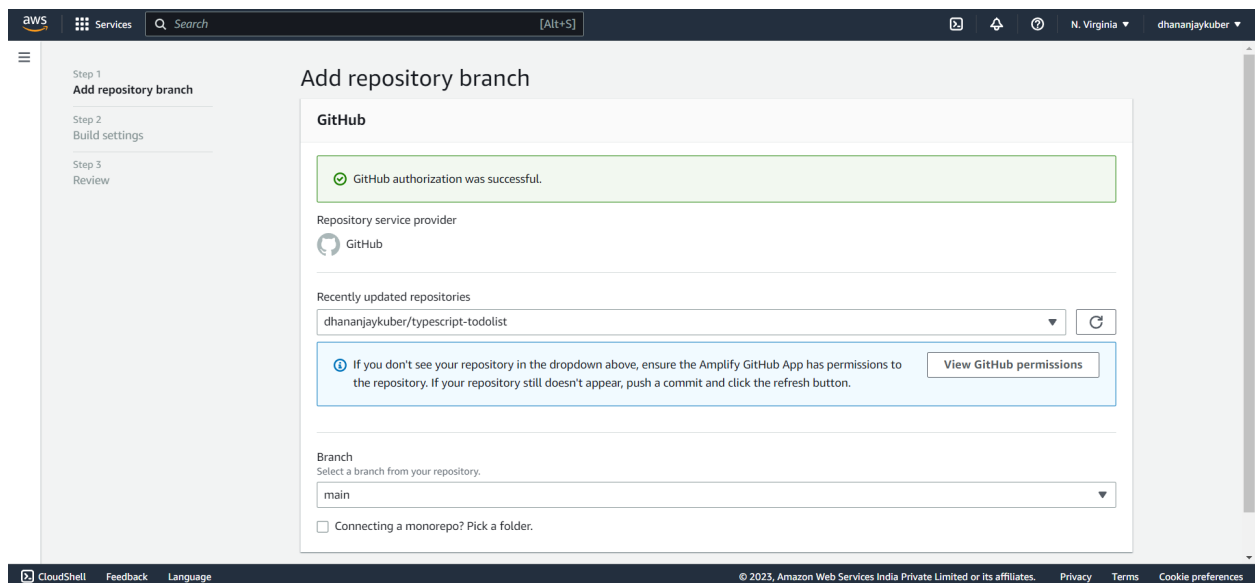


2) Click on **Get Started** to Host your Web app

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

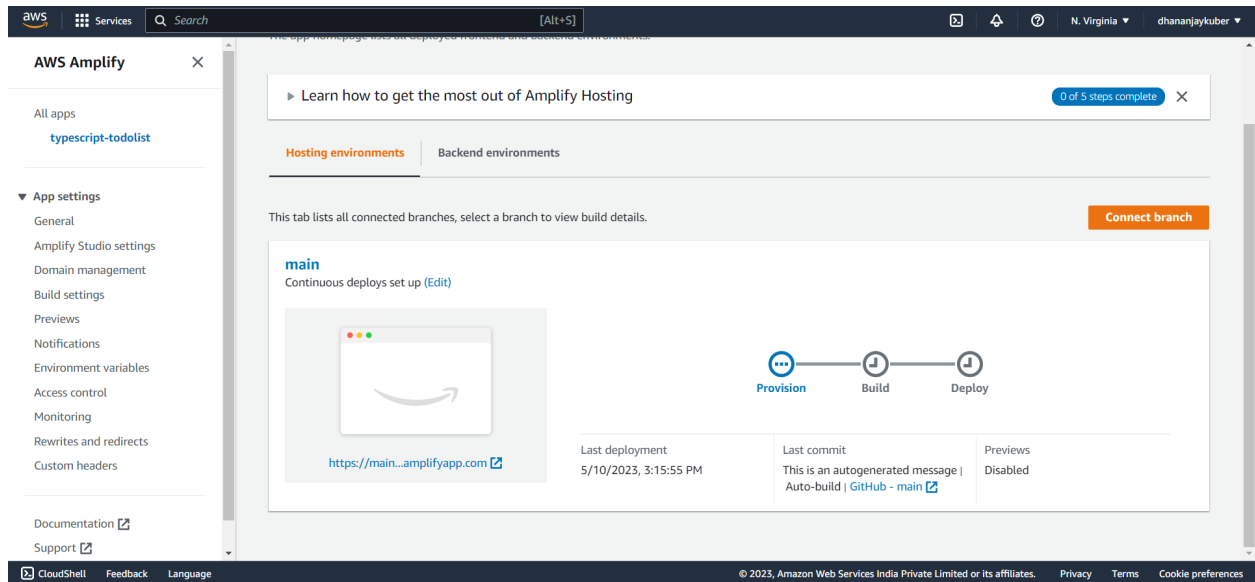
Repository service	Branch environment
GitHub	Application root
Repository	
dhnanjaykuber/typescript-todolist	
Branch	
main	

App settings Edit

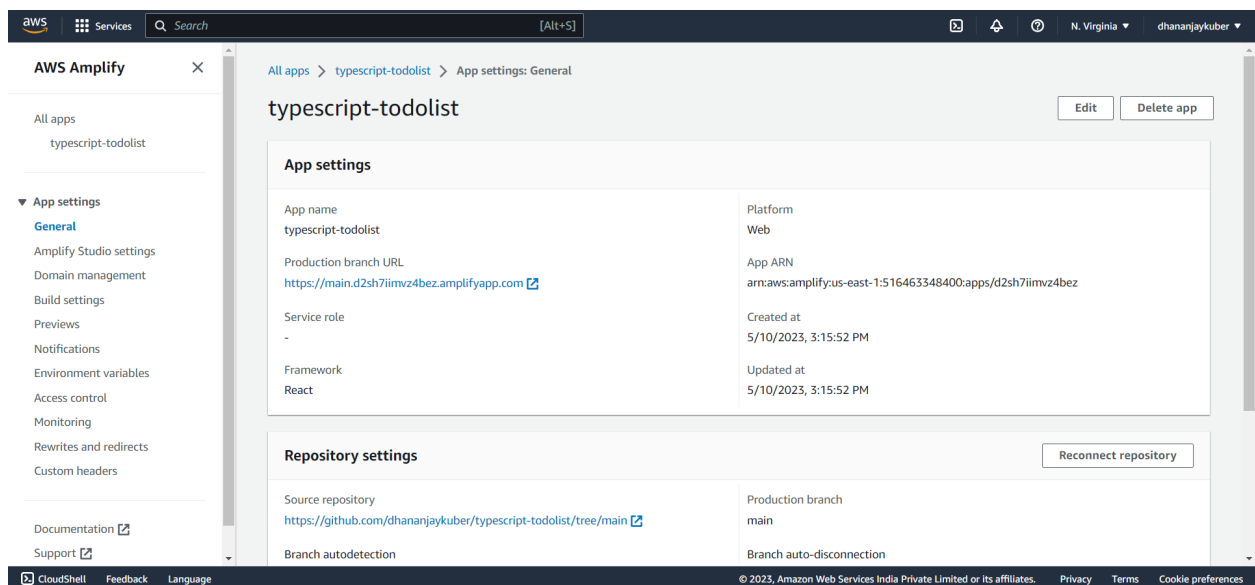
App name	Framework
typescript-todolist	React
Build image	Build settings
Using default image	Auto-detected settings will be used
Environment variables	
None	

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.