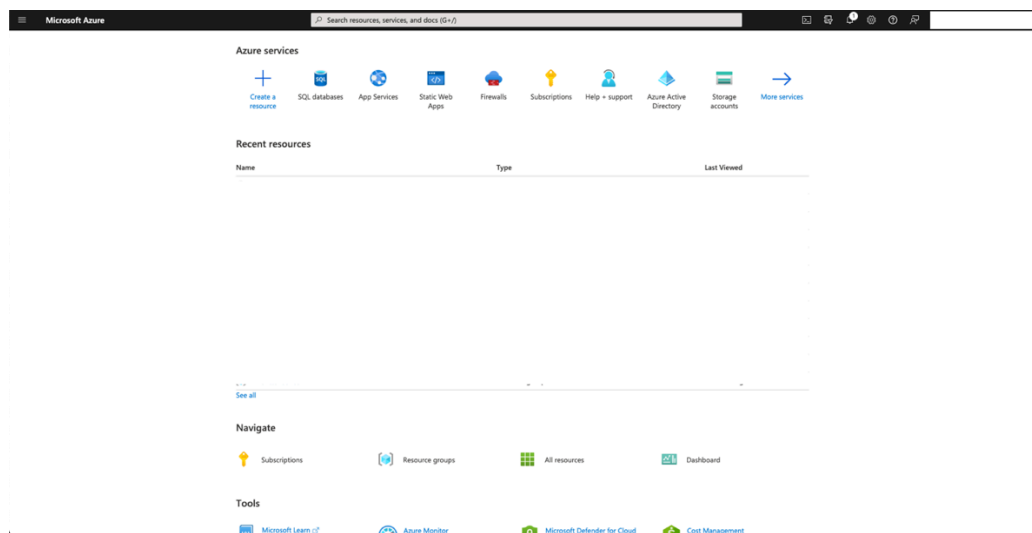


Steps to deploy the Frontend webapp on Azure

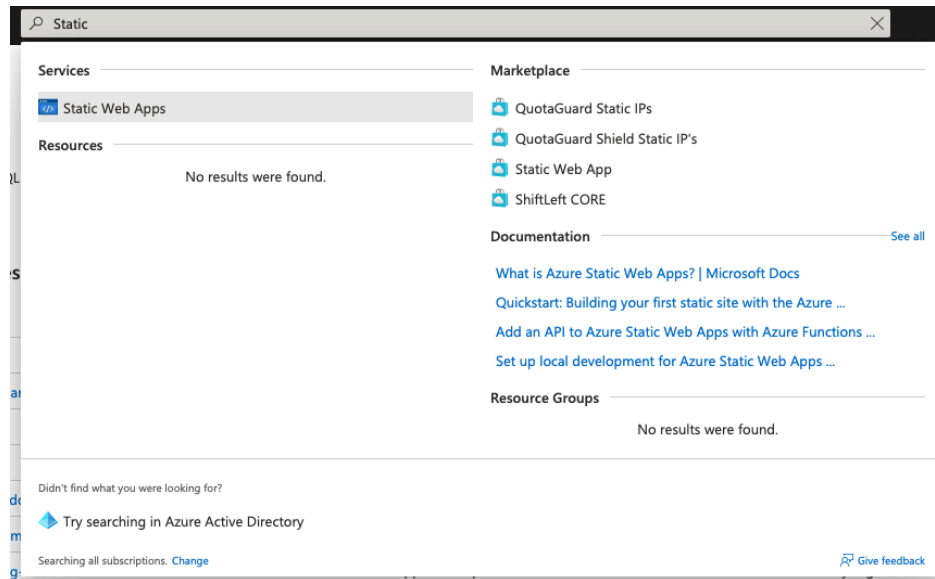
Prerequisite:

- Need to clone the react-todo list web app from Mycos repository and push it to your own GitHub repository.

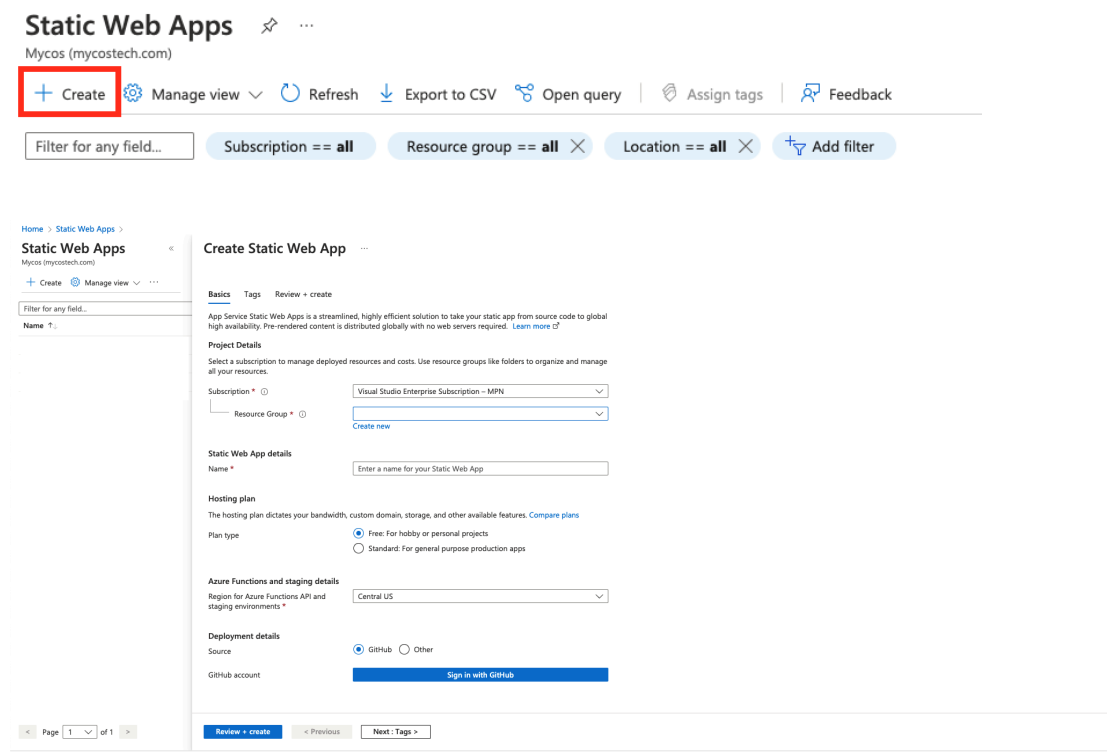
1. Navigate to <https://portal.azure.com/> and login via CMU student email account.



2. Type "Static Web Apps" on the search bar and click it.



3. Click on “+ Create” menu.



4. Click on “Create new” under Resource Group section and type your resource group name.
5. Once it’s created, choose your resource group item.

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Visual Studio Enterprise Subscription – MPN



Resource Group * ⓘ

MycosTraining

[Create new](#)

6. Enter your webapp name in Static Web App details section & choose the Plan type as Free.

Static Web App details

Name *

mycos-demo-todo-list

Hosting plan

The hosting plan dictates your bandwidth, custom domain, storage, and other available features. [Compare plans](#)

Plan type



Free: For hobby or personal projects



Standard: For general purpose production apps

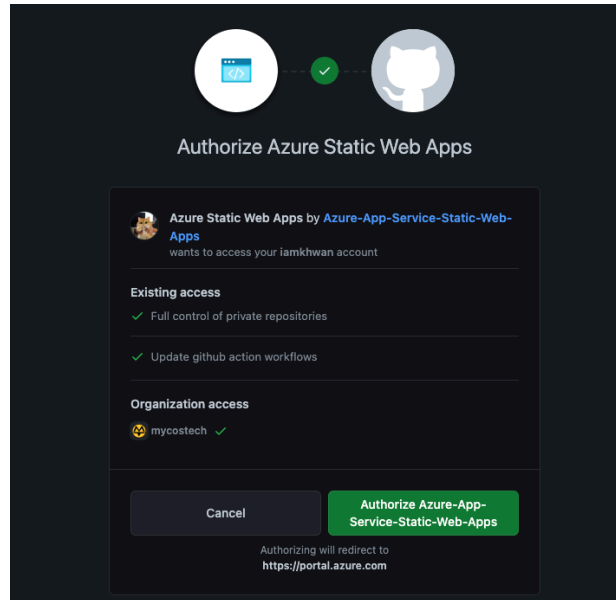
7. For Azure Functions and staging details, at this point, it will depend on your account subscription.

Azure Functions and staging details

Region for Azure Functions API and staging environments *

Central US

8. In deployment details, sign in with your GitHub account.



- After that, choose your Organization as your GitHub account, choose your repository (that you clone from Mycos repository and push it in your GitHub repository). Choose Main/Master branch.

Deployment details

Source ☒ GitHub ☐ Other

GitHub account iamkhwan

i If you can't find an organization or repository, you might need to enable additional permissions on GitHub. ×

Organization * ▼

Repository * ▼

Branch * ▼

- Then, choose build presets as React option.

Build Details

Enter values to create a GitHub Actions workflow file for build and release. You can modify the workflow file later in your GitHub repository.

Build Presets

React

i These fields will reflect the app type's default project structure. Change the values to suit your app.

App location * **i**

/

Api location **i**

e.g. "api", "functions", etc...

Output location **i**

build

11. Click on "Review + create" button

12. Review your Static Web App details again and click "Create" button.

Create Static Web App ...

Basics Tags **Review + create**

Summary

 **Static Web App**
by Microsoft

Details

Subscription	8718a0e8-e889-4052-8b75-3445eb264c3b
Resource Group	MycosTraining
Name	mycos-demo-todo-list
Region	centralus
SKU	Free
Repository	https://github.com/iamkhwan/react-todo-list
Branch	main
App location	/
API location	
Output location	build

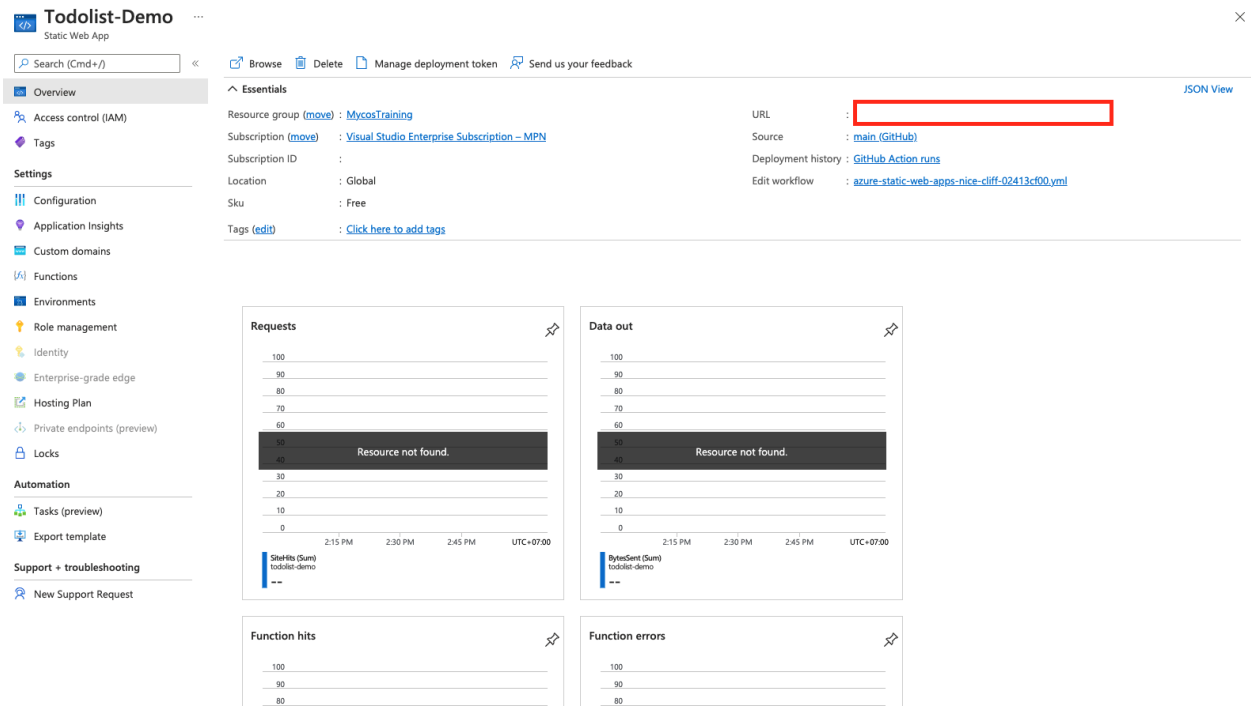
Create

< Previous

Next >

[Download a template for automation](#)

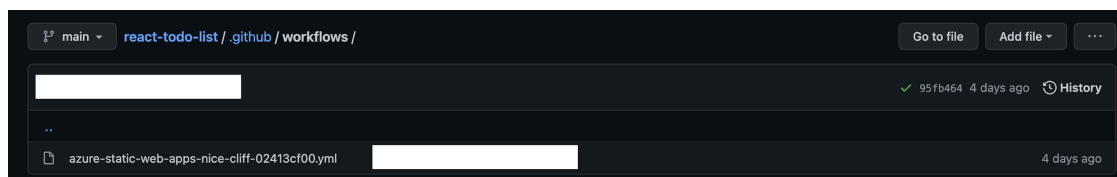
13. It will take times around 1-3 mins to create your static webapp on Azure. Once it done, you should see a screenshot like an example image below.



14. Finally, you will get the URL of this webapp which's hosted on Azure 🎉.

For more details:

- If you go back to your repository on GitHub site, you will see **".github/workflows"** folder which contain **".yml"** file to make a auto deployment when you push items in Main/Master branch. It's CI/CD process.



<>

Code

🔍

Issues

⇄

Pull requests

🔄

Actions

📁

Projects

🛡️

Security

📊

Insights

⚙️

Settings

Workflows

New workflow

All workflows

📁 Azure Static Web Apps CI/CD

All workflows

Showing runs from all workflows

🔍 Filter workflow runs

16 workflow runs

Event

Status

Branch

Actor

✔ Merge pull request #4 from iamkhwan/loading-button

Azure Static Web Apps CI/CD #16: Commit 361e006 pushed by snookpy

main

📅 3 days ago

🕒 4m 25s

...

✔ add loading button

Azure Static Web Apps CI/CD #16: Pull request #4 closed by snookpy

loading-button

📅 3 days ago

🕒 1m 16s

...