

Lab:- 4

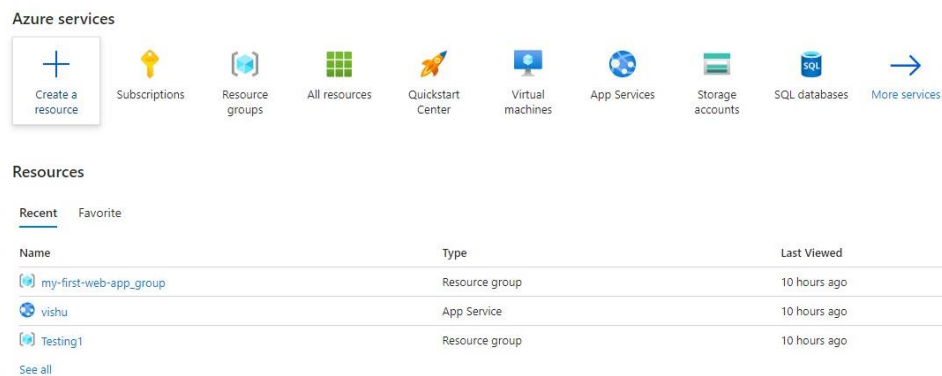
Name: Pasupuleti Rohithsaidatta

Reg no :230913003
09-02-2024

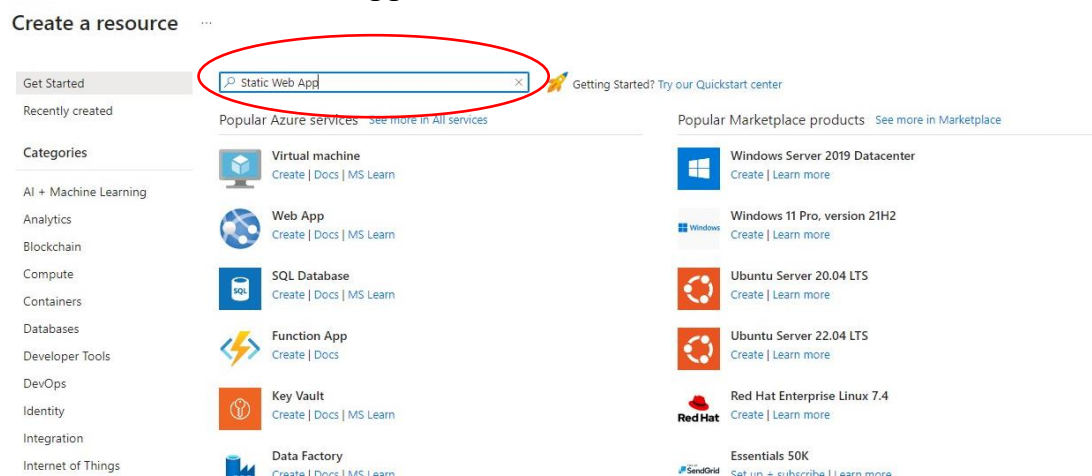
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Carry out an experiment to make your own Website and host it in cloud.

1. Login to the Azure account in the browser and click on “Create a resource”



2. Search for “Static Web App” and hit “Enter”



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3. Select the “Static Web App” from the marketplace and click on “Create”

The screenshot displays the Azure Marketplace interface. On the left, a sidebar contains navigation links: 'Get Started', 'Service Providers', 'Management', 'Private Marketplace', 'Private Offer Management', 'My Marketplace', 'Favorites', 'My solutions', 'Recently created', 'Private plans', and 'Categories'. The main area shows search results for 'Static Web App'. The first result, 'Static Web App' by Microsoft, is circled in red. Below the search bar, filters for 'Pricing: All', 'Operating System: All', 'Publisher Type: All', and 'Product Type: All' are visible. The search results list several services, including 'Static Web App', 'WordPress App Service with MySQL in-app', 'Strapi on Azure App Service', 'Enterprise Web Content Management Intergrated', and 'Secured Drop Things on Windows 2012 R2'. The 'Static Web App' entry is highlighted with a red circle. Below the search results, the 'Static Web App' details page is shown. It includes the Microsoft logo, the service name 'Static Web App', a rating of 4.1 (98 ratings), and a 'Create' button circled in red. The 'Create' button is located next to the 'Static Web App' plan selection dropdown. Below the 'Create' button, there are tabs for 'Overview', 'Plans', 'Usage Information + Support', and 'Ratings + Reviews'. The 'Overview' tab is selected, showing a description of the service: 'App Service Static Web Apps is a streamlined, highly efficient solution to take your static web app from source code to global high availability. Static Web Apps serve pre-rendered files from a global footprint with no web servers required. Static Web Apps development is simple and versatile, designed with React, Angular, Vue, and more in mind. You can even include integrated serverless APIs from Azure Functions.' Below the description, there is a link 'More products from Microsoft' and a 'See All' link. At the bottom, there are four small thumbnail images of other services.

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4. Enter the details which are marked as * as given in the image

[Home](#) > [Create a resource](#) > [Marketplace](#) > [Static Web App](#) >

Create Static Web App

Subscription *

Resource Group *
[Create new](#)

Static Web App details

Name *

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

Azure Functions and staging details

Region for Azure Functions API and staging environments *

[Review + create](#) [< Previous](#) [Next : Tags >](#)

5. Select Source as “Github” and login to your github account or change your github account.

*** The account should contain a repository with the html code to host it in cloud.**

Then select the Organization, Repository and Branch where the web page code is present

Organization *

Repository *

Branch *

[Review + create](#) [< Previous](#) [Next : Tags >](#)

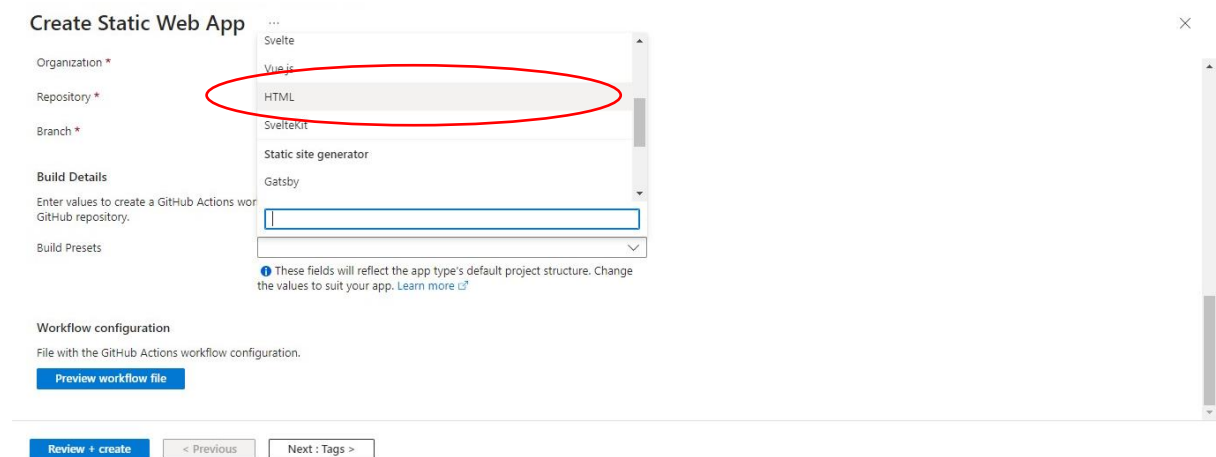
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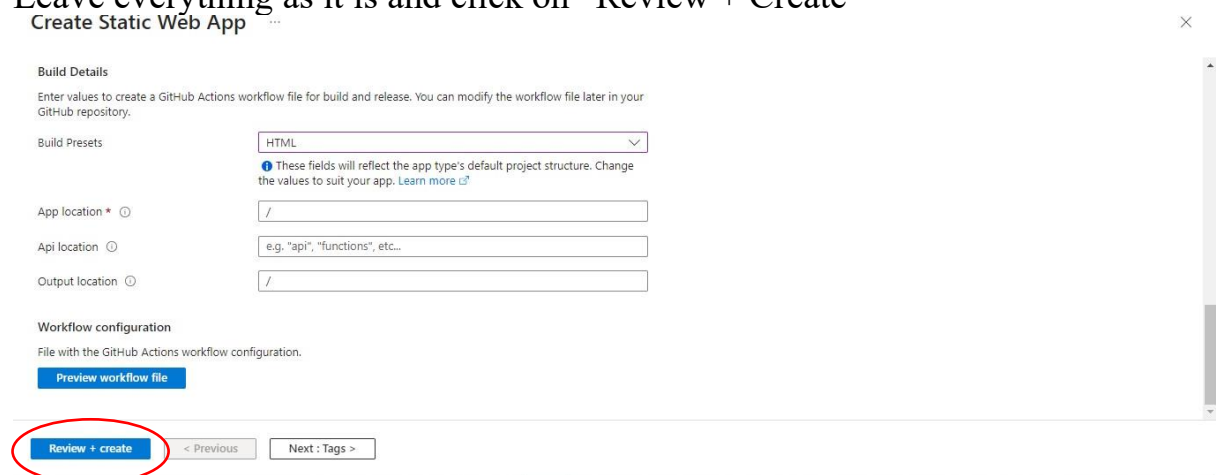
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6. Choose the build stack as HTML from the dropdowns.



The screenshot shows the 'Create Static Web App' form. The 'Build Presets' dropdown menu is open, and 'HTML' is selected and highlighted with a red oval. The form includes fields for Organization, Repository, Branch, and Build Details. The 'Workflow configuration' section has a 'Preview workflow file' button. At the bottom, there is a 'Review + create' button, a '< Previous' button, and a 'Next : Tags >' button.

Leave everything as it is and click on “Review + Create”



The screenshot shows the 'Create Static Web App' form. The 'Build Presets' dropdown menu is set to 'HTML'. The 'App location', 'Api location', and 'Output location' fields are filled with '/'. The 'Workflow configuration' section has a 'Preview workflow file' button. At the bottom, the 'Review + create' button is highlighted with a red oval, along with the '< Previous' and 'Next : Tags >' buttons.

Click on “Create”

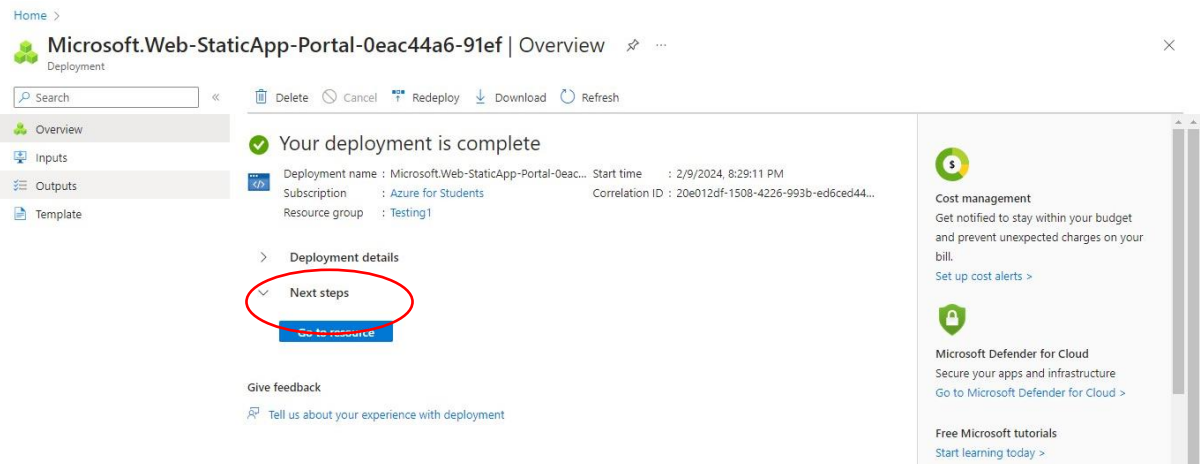
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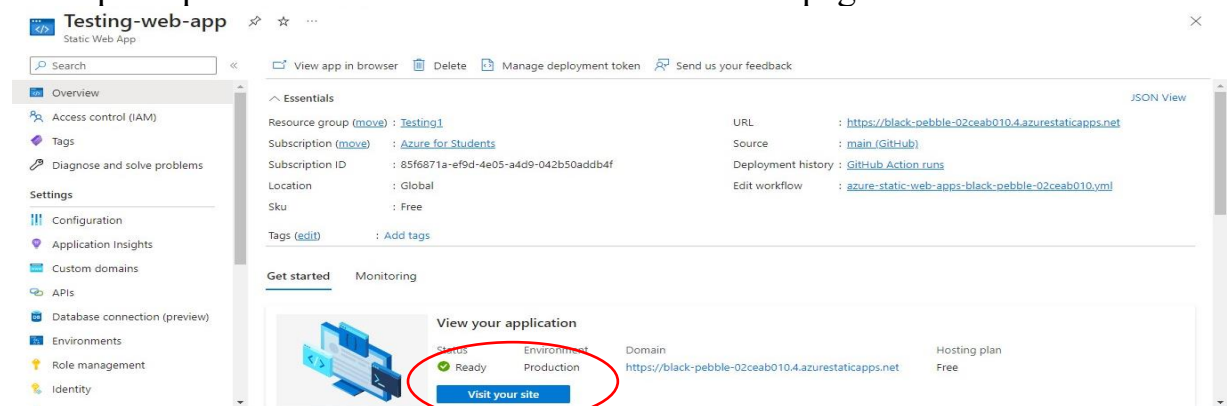
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Click on “Go to Resources”



7. Now our web page is deploying, when it shows “Ready” in “View your application” tab click on “Visit Your Site”
It'll open-up into new tab where we can see the web page hosted.



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It is successfully hosted the static web app developed using HTML, CSS and JS

