

## EXPERIMENT 15

Create a Simple Web Application using Java or Python and host it in any Public Cloud Service Provider (Azure/GCP/AWS) to demonstrate Platform as a Service (PaaS)

The screenshot shows the Microsoft Azure portal home page. The top navigation bar includes the Microsoft Azure logo, a search bar, and a user profile. Below the navigation bar, there are two main sections: 'Azure services' and 'Resources'.

**Azure services**

- Create a resource
- Virtual machines
- App Services
- Resource groups
- Quickstart Center
- Storage accounts
- SQL databases
- Azure Cosmos DB
- Kubernetes services
- More services

**Resources**

Recent Favorite

Name	Type	Last Viewed
keerthi	Resource group	12 minutes ago
sreenureddy	Virtual machine	30 minutes ago
sreenureddy685_z1	Network interface	30 minutes ago
KEERTHIREDDY	Resource group	33 minutes ago
tulasireddy	Static Web App	45 minutes ago
tulasireddy_group	Resource group	46 minutes ago
dummywebappxyz	Static Web App	53 minutes ago
VM2	Virtual machine	58 minutes ago

The screenshot shows the 'Create Web App' page in the Microsoft Azure portal. The page is titled 'Create Web App' and includes a breadcrumb trail: 'Home > App Services > Create Web App'.

**Subscription \*** Azure for Students

**Resource Group \*** KEERTHIREDDY

**Instance Details**

Need a database? Try the new Web + Database experience. [Learn more](#)

**Name \*** bharathi87

**Publish \*** ☐ Code ☐ Docker Container ☒ Static Web App

**Static Web App**

Accelerate your app development with managed global availability for static content hosting and dynamic scale for integrated serverless APIs.

[Create](#)

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

# EXPERIMENT 15

Create Web App - Microsoft Azure

portal.azure.com/#create/Microsoft.WebSite

Microsoft Azure Search resources, services, and docs (G)

portal.azure.com says  
Your unsaved edits will be discarded.  
OK Cancel

Home > App Services >

Create Web App

on your resources.

Subscription \* Azure for Students

Resource Group \* KEERTHIREDDY  
Create new

Instance Details

Need a database? Try the new Web + Database experience.

Name \* bharathi87  
azurewebsites.net

Publish \*  
☐ Code ☐ Docker Container ☒ Static Web App

Static Web App  
Accelerate your app development with managed global availability for static content hosting and dynamic scale for integrated serverless APIs.  
Create

Review + create < Previous Next: Deployment >

33°C Haze Search ENG US 2:08 PM 18/10/2023

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Create Static Web App - Microsoft Azure

portal.azure.com/#create/Microsoft.StaticApp

Microsoft Azure Search resources, services, and docs (G+)

Home >

Create Static Web App

Resource Group \* KEERTHIREDDY  
Create new

Static Web App details

Name \* bharathi87

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 \* Central US

Deployment details

Source  
☐ GitHub ☐ Azure DevOps ☒ Other

Review + create < Previous Next: Tags >

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# EXPERIMENT 15

Create Static Web App - Microsoft

portal.azure.com/#create/Microsoft.StaticApp

Microsoft Azure Search resources, services, and docs (G+)

Home >

## Create Static Web App

Basics **Tags** Review + create

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups.

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name	Value	Resource
bank	10	Static Web App
office	20	Static Web App
	20	Static Web App

Review + create < Previous Next: Review + create >

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Create Static Web App - Microsoft

portal.azure.com/#create/Microsoft.StaticApp

Microsoft Azure Search resources, services, and docs (G+)

Home >

## Create Static Web App

Basics Tags **Review + create**

Summary

**Static Web App**  
by Microsoft

Details

Subscription	e7dc773a-8e2d-42f6-9d4c-f23c9d3530ea
Resource Group	bharathi87_group
Name	bharathi87
Region	centralus
SKU	Free
Tags	bank: 10, office: 20

Create < Previous Next > Download a template for automation

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# EXPERIMENT 15

The screenshot displays the Microsoft Azure portal interface. The top navigation bar shows the user is logged in as 'keerthireddy4165.ssc...'. The main content area is titled 'Microsoft.Web-StaticApp-Portal-308e8ce5-b925 | Overview'. A sidebar on the left lists navigation options: Overview, Inputs, Outputs, and Template. The main area features a green checkmark and the message 'Your deployment is complete'. Below this, deployment details are listed: 'Deployment name: Microsoft.Web-StaticApp-Portal-308e8...', 'Subscription: Azure for Students', and 'Resource group: bharathi87\_group'. The deployment started on '10/18/2023, 2:10:15 PM' with a 'Correlation ID: 028a0b78-3c43-42c6-bc00-bdd7817a2...'. A 'Go to resource' button is provided. On the right, a sidebar offers additional services: 'Cost management' (to stay within budget), 'Microsoft Defender for Cloud' (to secure apps and infrastructure), 'Free Microsoft tutorials' (to start learning today), and 'Work with an expert' (to find service provider partners). The bottom of the screen shows a Windows taskbar with the date '18/10/2023' and time '2:11 PM'. Below the Azure portal, a second browser window shows the 'Azure Static Web App' landing page. It features the Microsoft Azure logo and the message 'Your Azure Static Web App is live and waiting for your content'. A note states: 'Your app is now live, but we don't have your content updates. Check the deployment status in the GitHub Actions tab in your repository. Learn more about deployment from the Static Web App deployment docs. [Learn more](#)'. An illustration of a computer monitor with code symbols is also present.

Microsoft Azure

## Your Azure Static Web App is live and waiting for your content

Your app is now live, but we don't have your content updates. Check the deployment status in the GitHub Actions tab in your repository. Learn more about deployment from the Static Web App deployment docs. [Learn more](#)