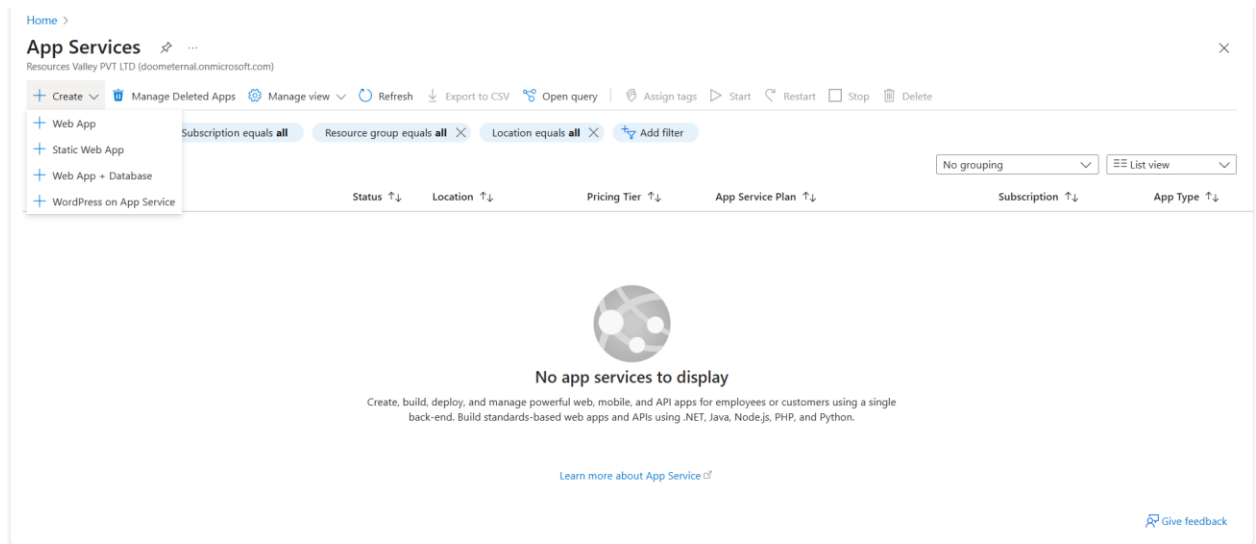


Hosting Cloud Resume with Azure Web Apps

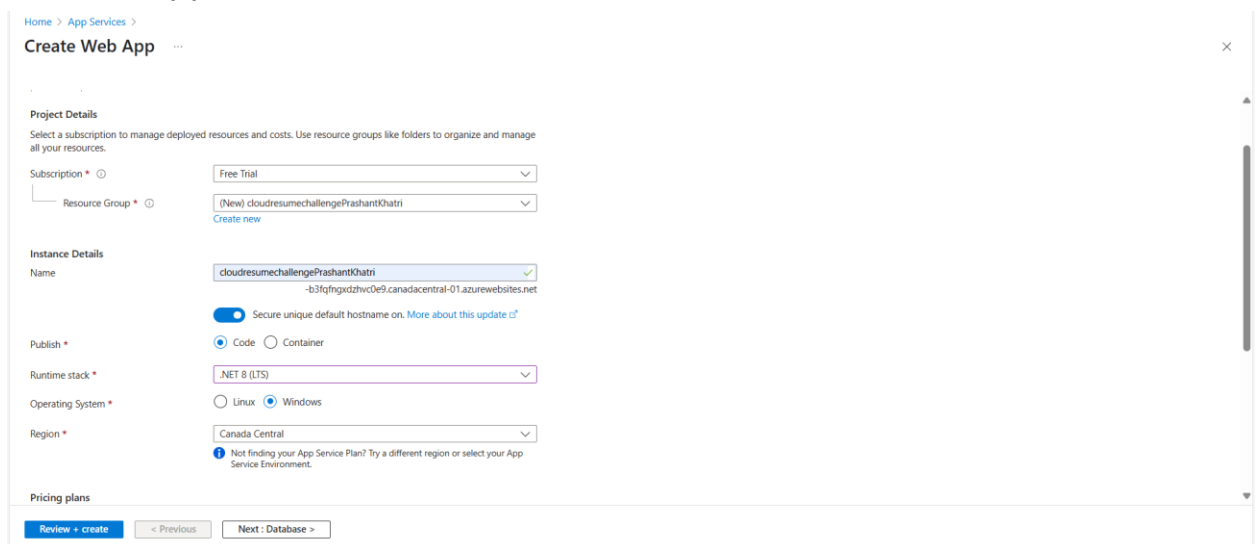
I will deploy an Azure web app and then host my website/resume using Azure web app.

Creating Azure Web App

- I am going to deploy an Azure Web App with Standard tier and for deployment process please use the images as reference listed below



- I am going to select .NET with a windows instance on which this app will be hosted to, you may select any other Runtime Stack while creating this web app



Home > App Services >

Create Web App

Runtime stack * .NET 8 (LTS)

Operating System * ☐ Linux ☒ Windows

Region * Canada Central

Not finding your App Service Plan? Try a different region or select your App Service Environment.

Pricing plans

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

Windows Plan (Canada Central) * [Create new](#)

Pricing plan Free F1 (Shared infrastructure)

Zone redundancy

An App Service plan can be deployed as a zone redundant service in the regions that support it. This is a deployment time only decision. You can't make an App Service plan zone redundant after it has been deployed. [Learn more](#)

Zone redundancy

☐ Enabled: Your App Service plan and the apps in it will be zone redundant. The minimum App Service plan instance count will be three.

☒ Disabled: Your App Service Plan and the apps in it will not be zone-redundant. The minimum App Service plan instance count will be one.

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

Please note this is a simple web app just for demonstration so I am not selecting anything else, the objective here is to make a simple application for hosting the website, so I will click on Review + Create and then click on Create to deploy this application.

Create Web App ...


- Basics
- Database
- Deployment
- Networking
- Monitor + secure
- Tags
- Review + create

Summary



Web App
by Microsoft

Free sku
Estimated price - Free

 Basic authentication for this app is currently disabled and may impact deployments. Click to learn more.

Details

Subscription	aff68781-4834-4e3d-8654-b462c17d953f
Resource Group	cloudresumechallengePrashantKhatri
Name	cloudresumechallengePrashantKhatri
Secure unique default hostname	Enabled
Publish	Code
Runtime stack	.NET 8 (LTS)

App Service Plan (New)

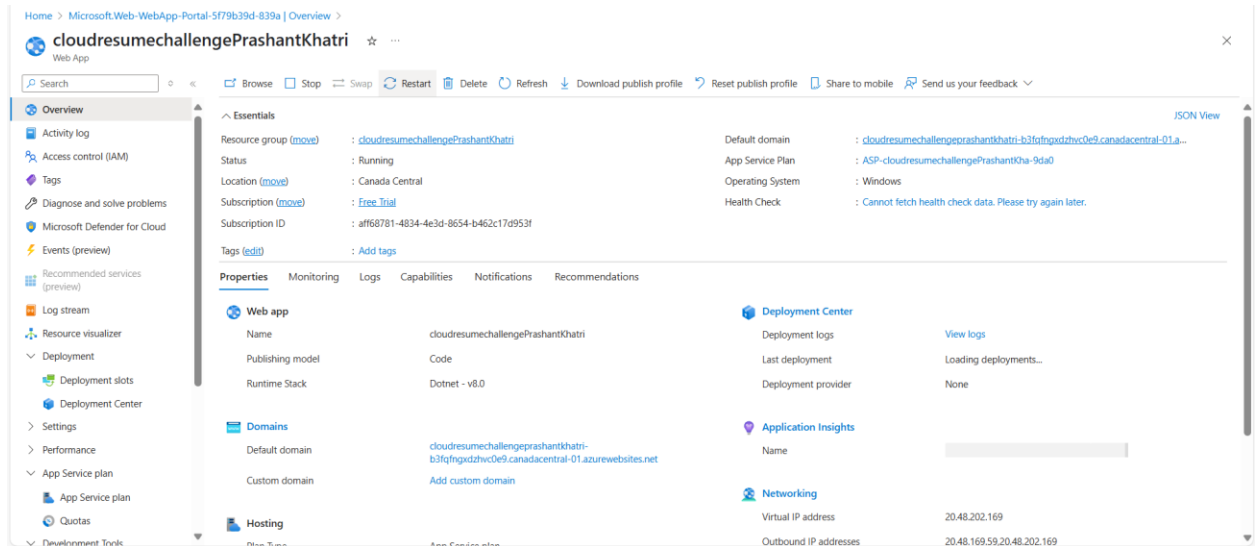
Name	ASP-cloudresumechallengePrashantKha-9da0
Operating System	Windows
Region	Canada Central

Create

< Previous

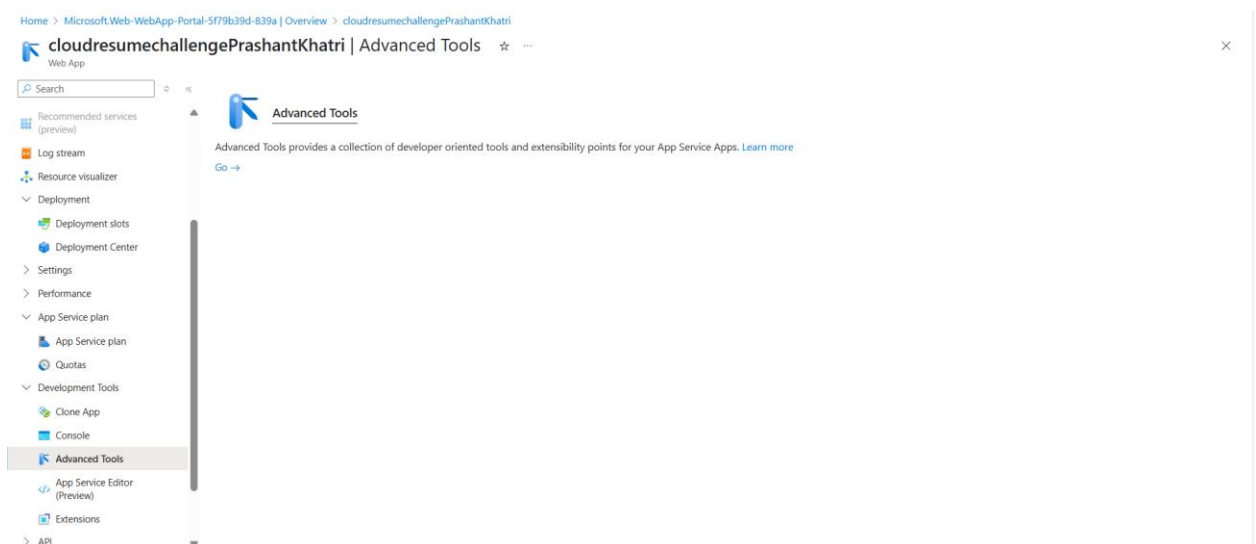
Next >

Download a template for automation

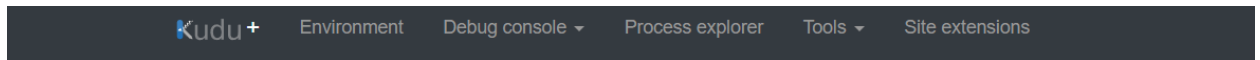


Using Web App Advanced Tools (Kudu) to deploy website

- Launch Kudu using Advanced tool from the deployed Azure web app (click on “Go ->” as shown in the image below)



- Then click on “Debug Console” and then click on CMD



Environment

Build	103.0.1.16 (Commit: 9dca42a6e8)
Azure App Service	103.0.7.286 (release_ANT103-fba5ed47)+fba5ed47ec8d0de95bce01b55f67a1aa7a9e2e4d
Site up time	00.00:02:19
Site folder	C:\home
Temp folder	C:\local\Temp\

REST API (works best when using a JSON viewer extension)

- [App Settings](#)
- [Deployments](#)
- [Source control info](#)
- [Files](#)
- [Log streaming](#) (use curl, not browser!)
- [Processes and mini-dumps](#)
- [Runtime versions](#)
- [Site Extensions: installed](#) | [feed](#)
- [Web hooks](#)
- [WebJobs: all](#) | [triggered](#) | [continuous](#)
- [Functions: list](#) | [host config](#)

More information about Kudu can be found on the [wiki](#).

Environment

Build	103.0.1.16 (Commit: 9dca42a6e8)
Azure App Service	103.0.7.286 (release_ANT103-fba5ed47)+fba5ed47ec8d0de95bce01b55f67a1aa7a9e2e4d
Site up time	00.00:02:19
Site folder	C:\home
Temp folder	C:\local\Temp\






REST API (works best when using a JSON viewer extension)

- [App Settings](#)
- [Deployments](#)
- [Source control info](#)
- [Files](#)
- [Log streaming](#) (use curl, not browser!)
- [Processes and mini-dumps](#)
- [Runtime versions](#)
- Site Extensions: [installed](#) | [feed](#)
- [Web hooks](#)
- WebJobs: [all](#) | [triggered](#) | [continuous](#)
- Functions: [list](#) | [host config](#)

More information about Kudu can be found on the [wiki](#).

- Once the CMD is launched you need to click on Site and then click on wwwroot as shown in the images listed below

/ + | 4 items |   



	Name	Modified	Size
	LogFiles	4/1/2025, 8:24:55 PM	
	site 	4/1/2025, 8:24:55 PM	
	.gitconfig	4/1/2025, 8:24:55 PM	1 KB
	gitsafedirectory.marker	4/1/2025, 8:24:55 PM	



```
Kudu Remote Execution Console
Type 'exit' then hit 'enter' to get a new CMD process.
Type 'cls' to clear the console

Microsoft Windows [Version 10.0.20348.3207]
(c) Microsoft Corporation. All rights reserved.

C:\home>
```

... / site + | 3 items |   

	Name	Modified	Size
	deployments	4/1/2025, 8:24:55 PM	
	locks	4/1/2025, 8:24:55 PM	
	wwwroot 	4/1/2025, 8:20:02 PM	









```
Kudu Remote Execution Console
Type 'exit' then hit 'enter' to get a new CMD process.
Type 'cls' to clear the console

Microsoft Windows [Version 10.0.20348.3207]
(c) Microsoft Corporation. All rights reserved.

C:\home>
C:\home\site>
```

- Now drag and drop the html files and its associated files such js or css or the folder for your website (please make sure that index.html is in wwwroot directory) as shown below

... / wwwroot + | 10 items |   

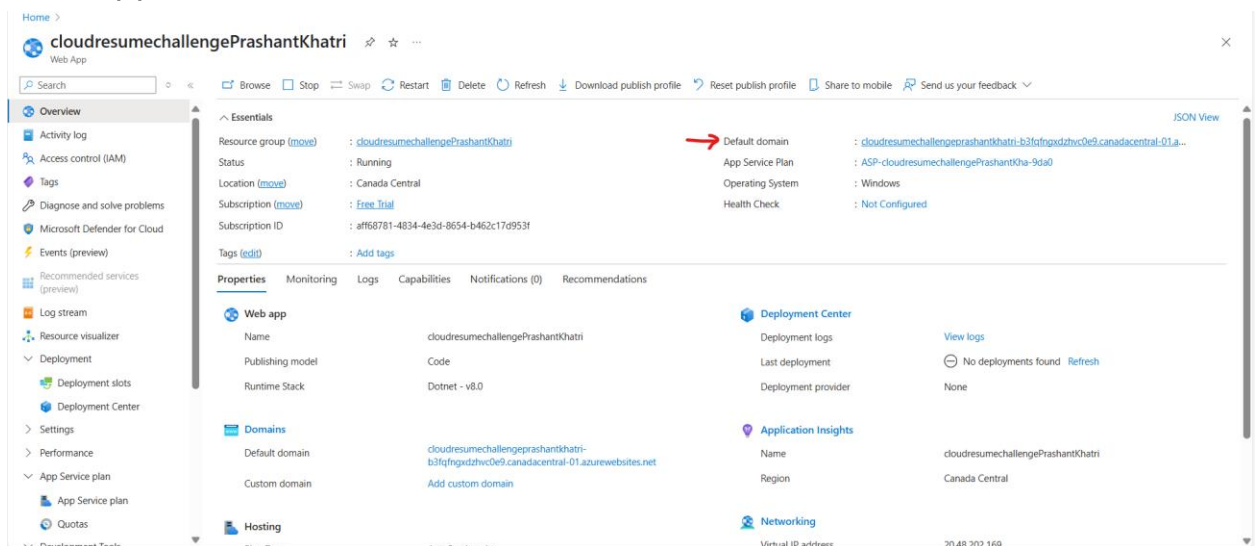
	Name	Modified	Size
	CSS	4/1/2025, 8:34:18 PM	
	about.html	4/1/2025, 8:34:19 PM	11 KB
	certifications.html	4/1/2025, 8:34:18 PM	17 KB
	contact.html	4/1/2025, 8:34:18 PM	9 KB
	experience.html	4/1/2025, 8:34:19 PM	17 KB
	hostingstart.html	4/1/2025, 8:20:02 PM	4 KB
	index.html	4/1/2025, 8:34:18 PM	20 KB

```
Kudu Remote Execution Console
Type 'exit' then hit 'enter' to get a new CMD process.
Type 'cls' to clear the console
```

```
Microsoft Windows [Version 10.0.20348.3207]
(c) Microsoft Corporation. All rights reserved.
```

```
C:\home>
C:\home\site>
C:\home\site\wwwroot>
```

- Now exit this page and copy the default domain of your web app to test if the applications works or not.



The screenshot displays the Azure portal interface for a web application. The left sidebar shows the navigation menu with options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Events (preview), Recommended services (preview), Log stream, Resource visualizer, Deployment, Deployment slots, Deployment Center, Settings, Performance, App Service plan, App Service plan, and Quotas. The main content area shows the 'Overview' tab for the web app 'cloudresumechallengePrashantKhatri'. The 'Essentials' section provides key information: Resource group (cloudresumechallengePrashantKhatri), Status (Running), Location (Canada Central), Subscription (Free Trial), and Subscription ID (aff68781-4834-4e3d-8654-b462c17d953f). The 'Default domain' is highlighted with a red arrow and points to 'cloudresumechallengeprashantkhatri-b25cf9gdzwc9e9.canadacentral-01.a...'. The 'Properties' section shows the web app name, publishing model (Code), and runtime stack (Dotnet - v8.0). The 'Domains' section lists the default domain and a custom domain. The 'Deployment Center' section shows deployment logs and the last deployment status. The 'Application Insights' section shows the name and region of the application. The 'Networking' section shows the virtual IP address (20.48.202.169).

