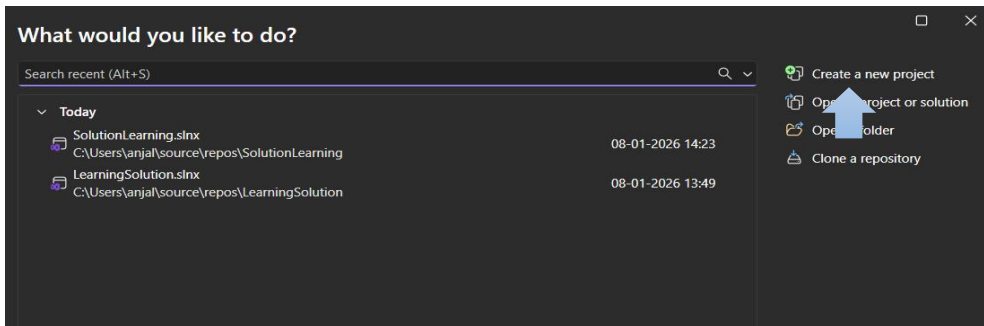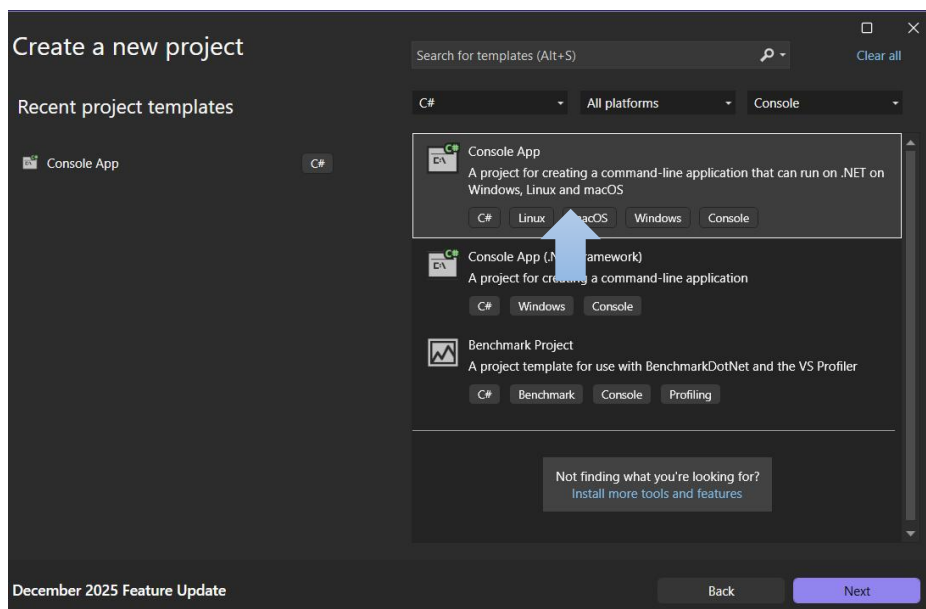# Publishing Cross Platform Console App
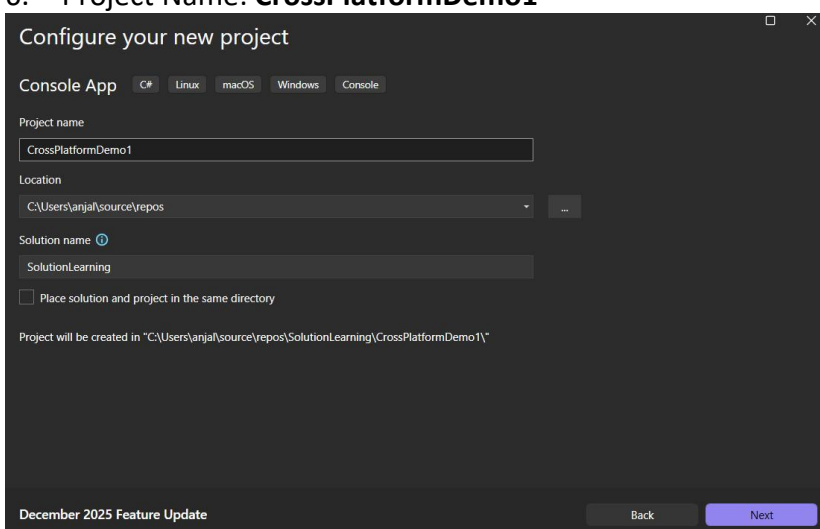
**Step 1: Create Project**

1. Open Visual Studio 2026
2. Click Create a new project



3. Select Console App



4. Language:  **C#**
5. **Framework : .NET 8**
6. Project Name: **CrossPlatformDemo1**

## STEP 2: Write Platform Aware Code

```csharp
using System.Runtime.InteropServices;
namespace CrossPlatformDemo1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Cross-Platform .NET Application");
            Console.WriteLine($"OS: {RuntimeInformation.OSDescription}");
            Console.WriteLine($"Architecture:
{RuntimeInformation.ProcessArchitecture}");
        }
    }
}
```
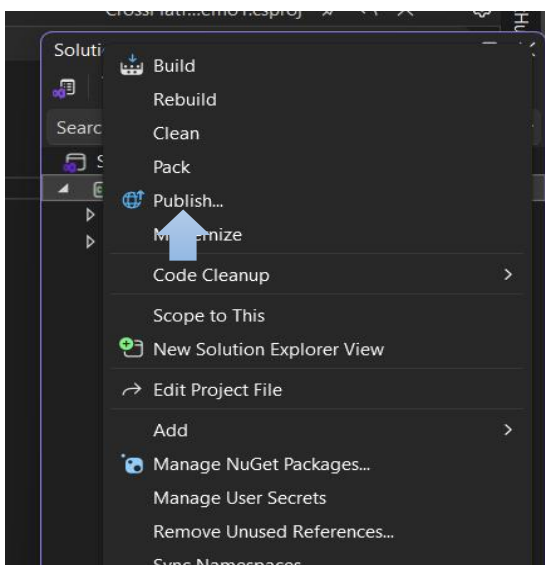
## STEP 3: Run on Windows

- Press Run CrossPlatformDemo1
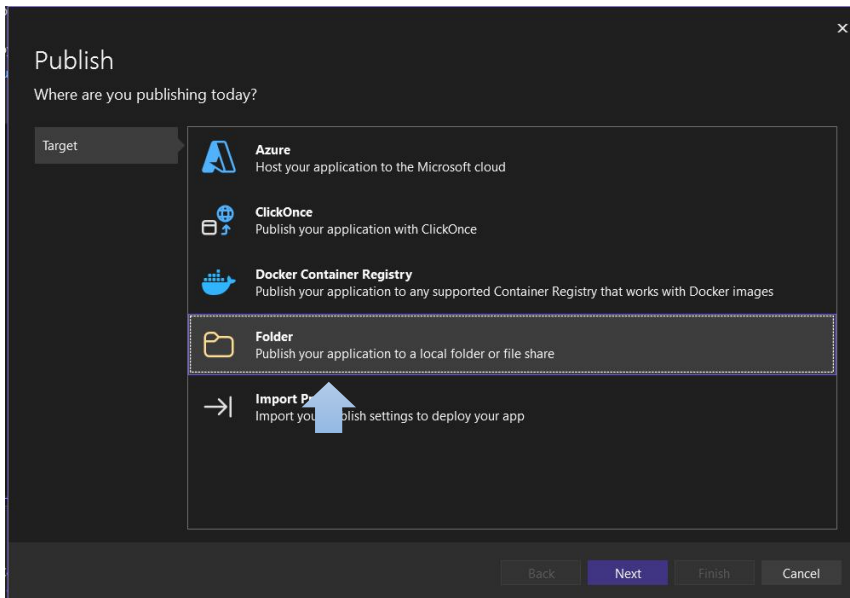- Output Windows shows
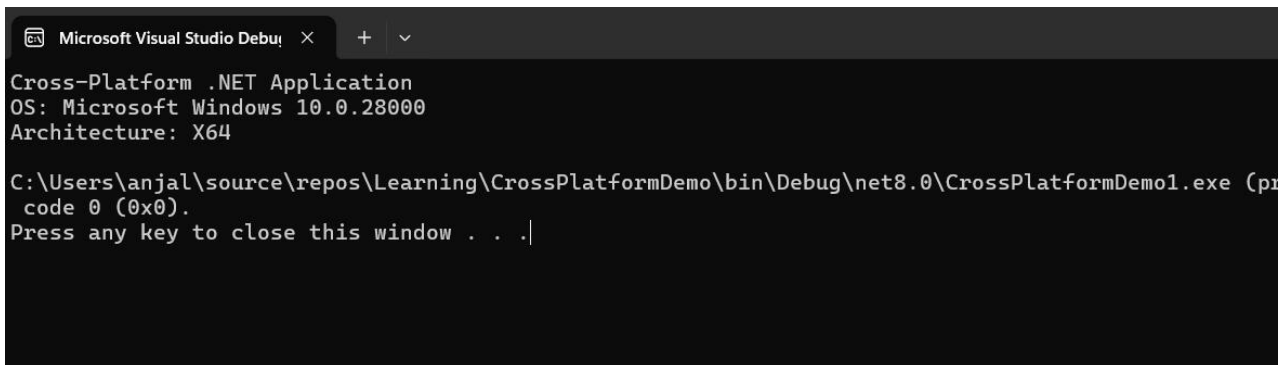


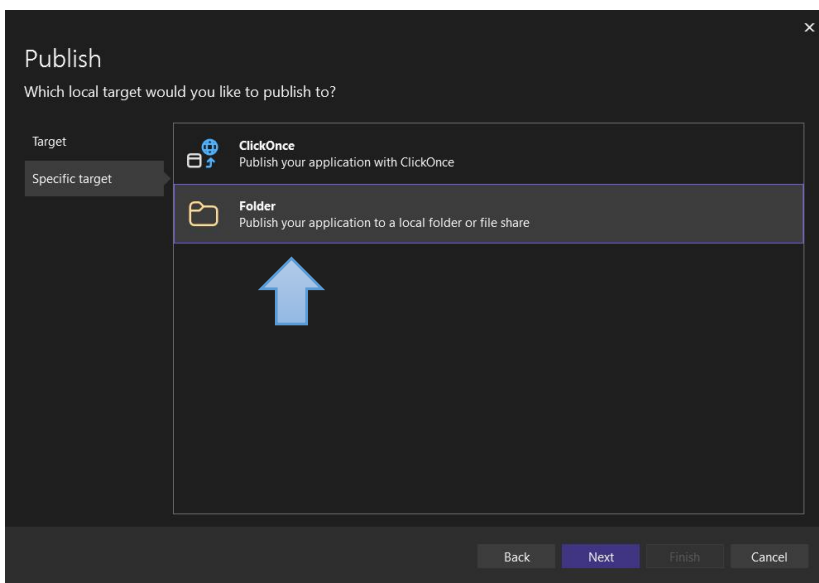## STEP 4: Publish for Windows

1.  Right-click project -> Publish
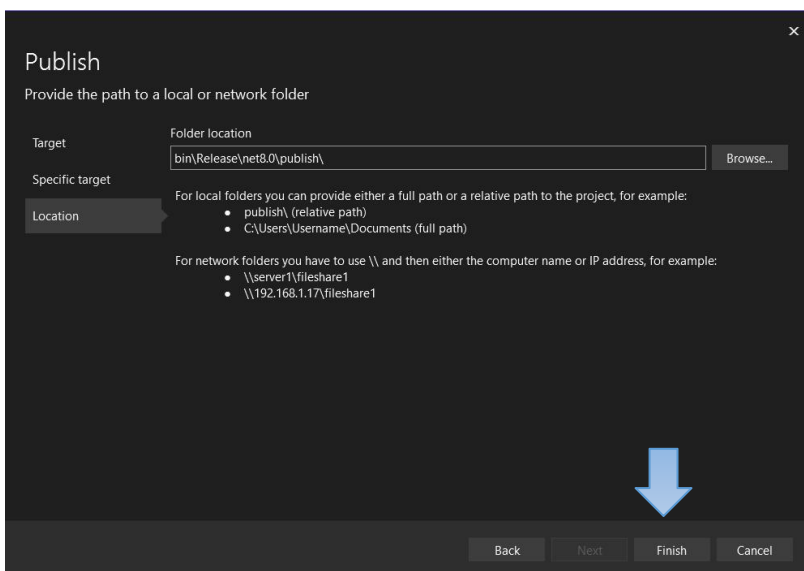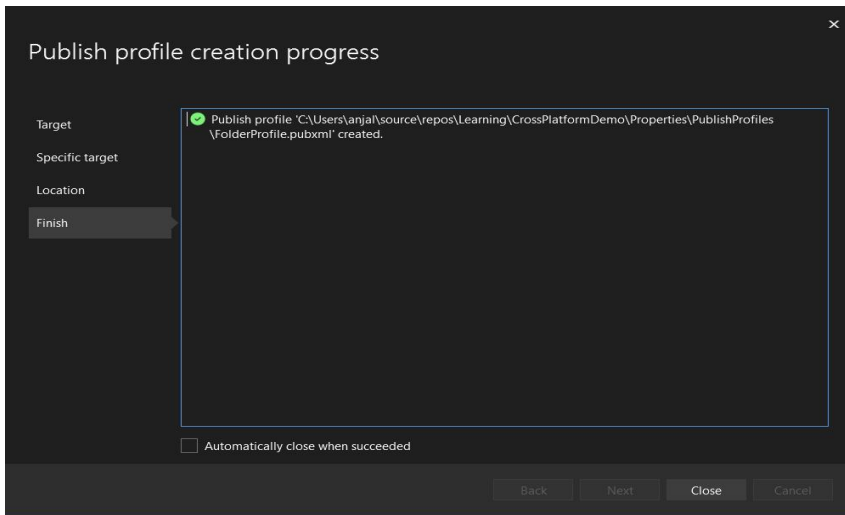


2.  Target : Folder
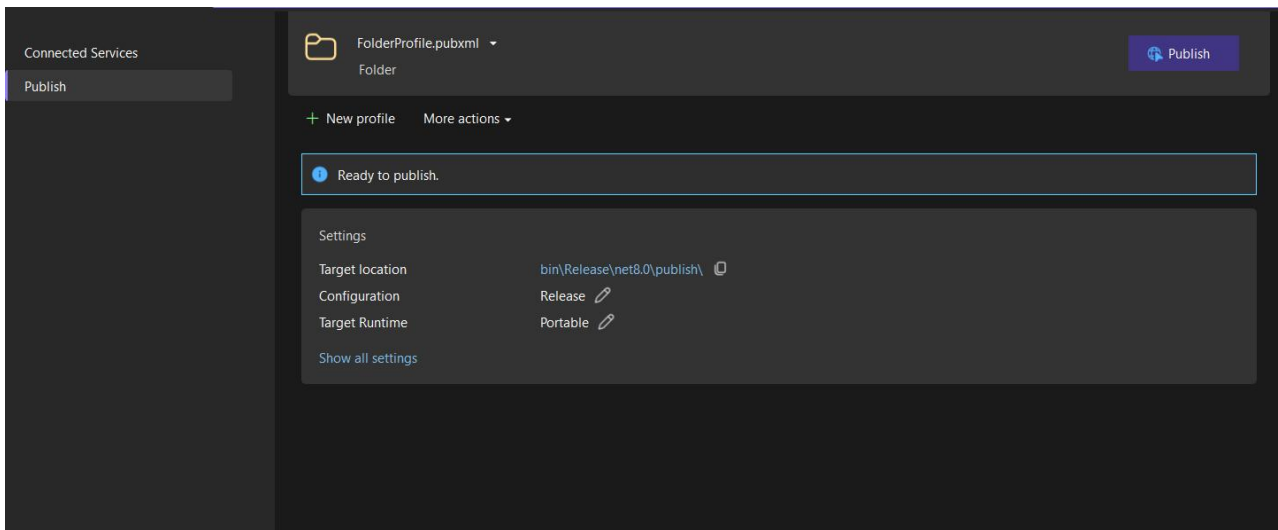
3.  Specify Target : Folder



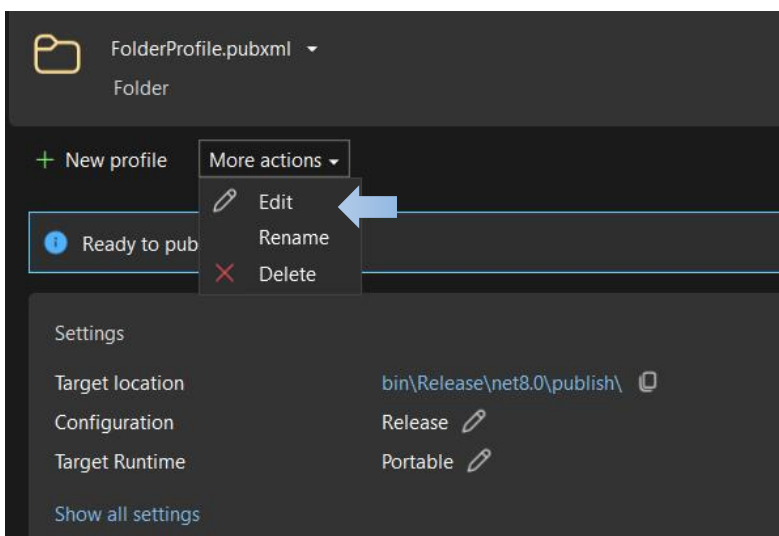4.  Specify the path for folder. And then click on Finish

5. Your Profile is created for publish. Click Close.



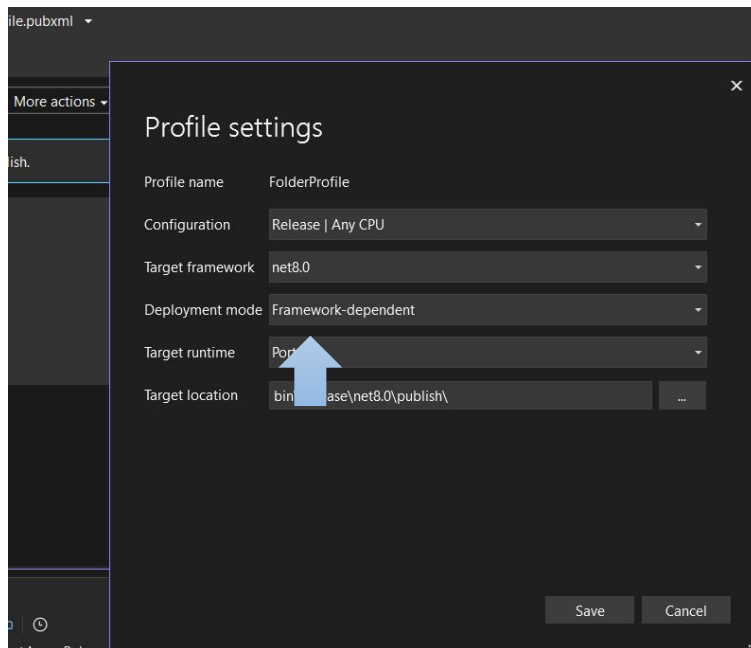6. After profile is created you will see publish summary screen



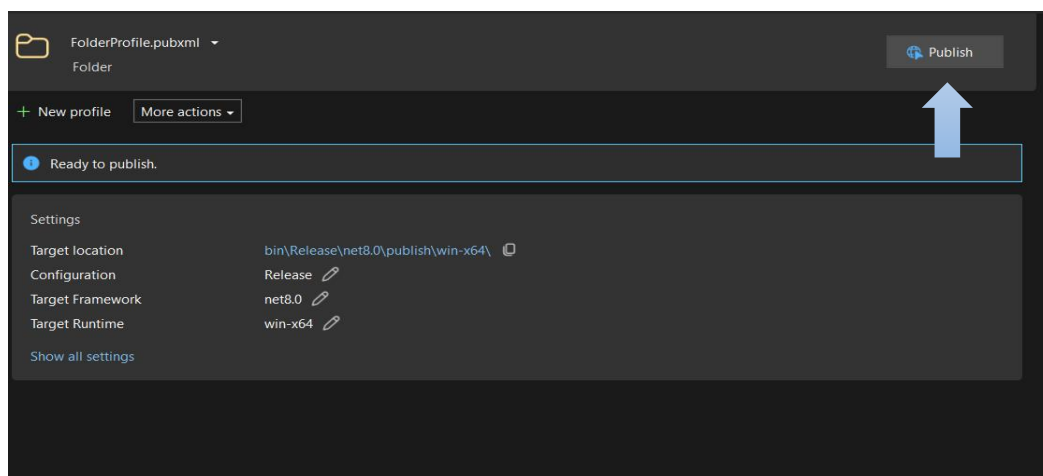7. Click Edit on More actions beside New profile icon
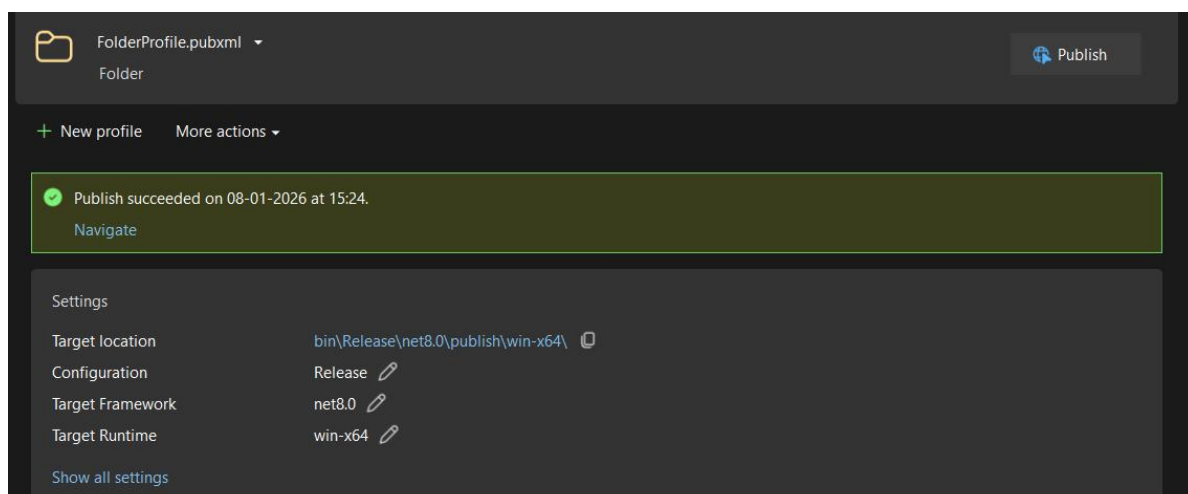
## PUBLISHING MODE: FRAMEWORK- DEPENDENT

● Select Deployment mode as Framework - dependent



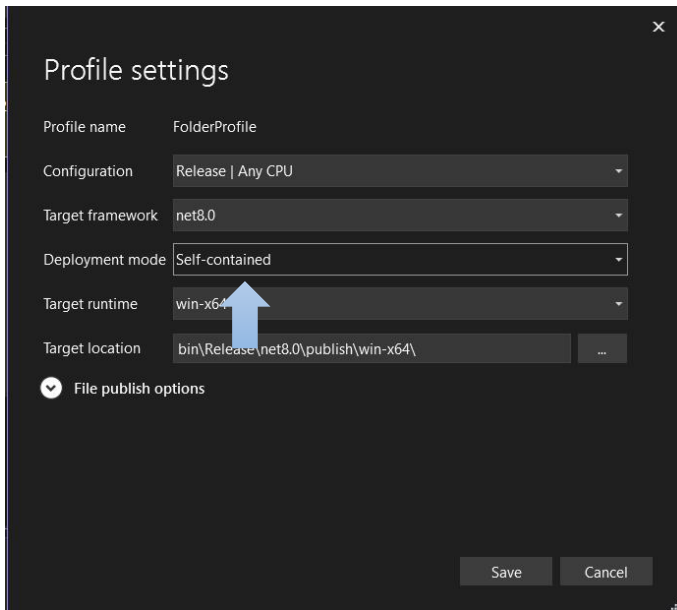● Click Save . Then Click on Publish to publish it.



● You will see this after successfully publishing

## PUBLISHING MODE : SELF-CONTAINED

- Select Deployment mode as Self-contained



- Click Save and Then click on Publish.
- You will see this after successfully publishing it in self contained mode