Adding Two Factor Authentication to Your Website

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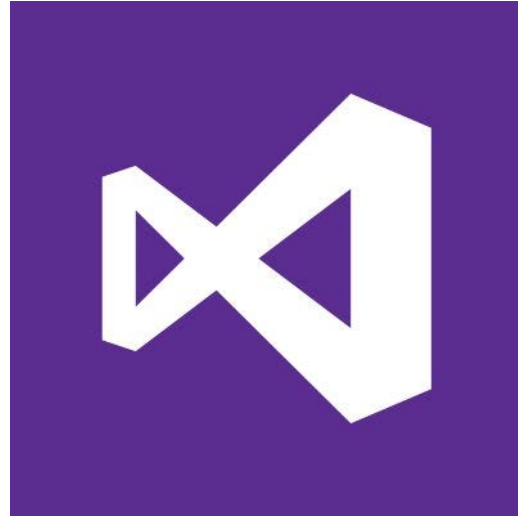# Two Factor Authentication (2FA)

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Twilio Two Factor Auth API

Adding 2FA to a Default Scaffolded VS App
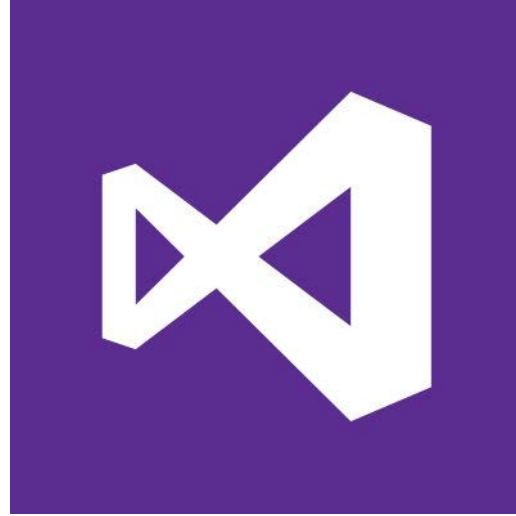
Adding 2FA to a Default Scaffolded VS App

Default

Visual Studio

scaffolded app

Adding 2FA to a Default Scaffolded VS App

Visual Studio scaffolded app with multi-tenant

Default Visual Studio scaffolded app

Adding 2FA to a Default Scaffolded VS App

Visual Studio scaffolded app with multi-tenant

Default Visual Studio scaffolded app

Visual Studio scaffolded app with Twilio 2FA

Adding 2FA to a Default Scaffolded VS App

**Default
Visual Studio
scaffolded app**

Adding 2FA to a Default Scaffolded VS App

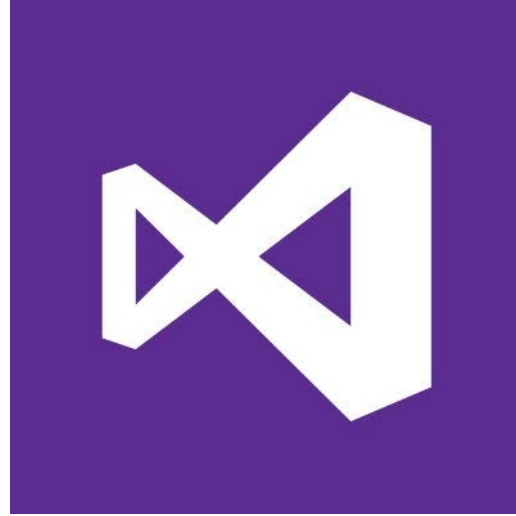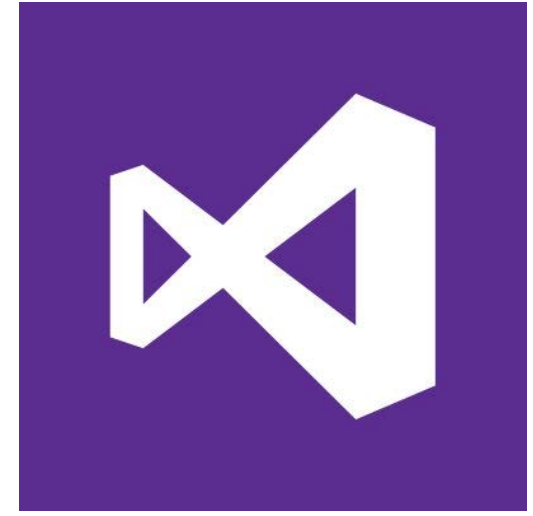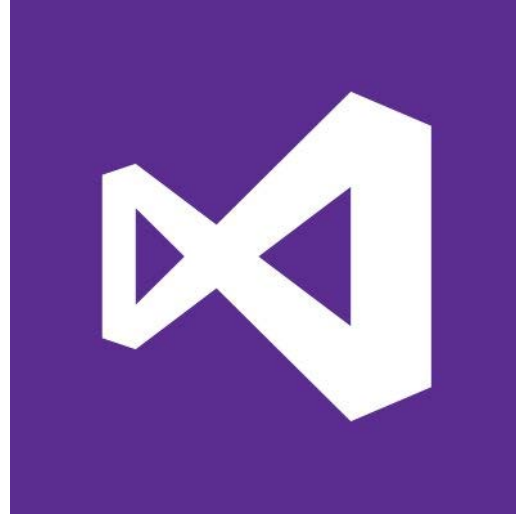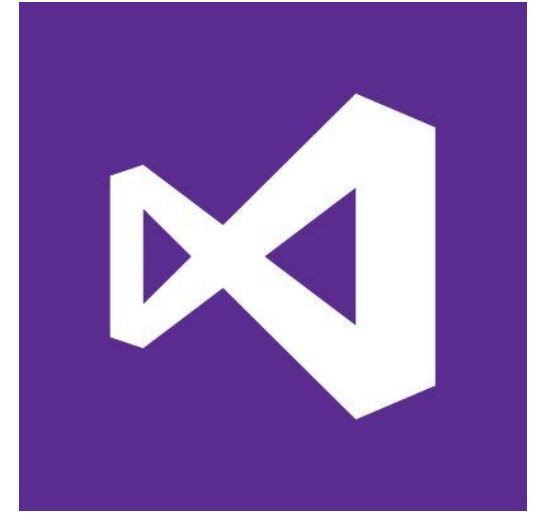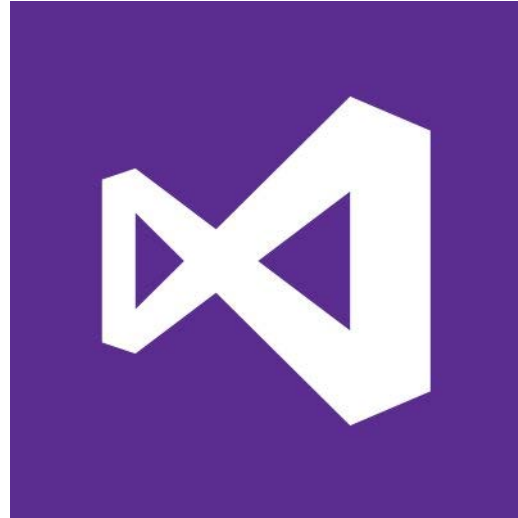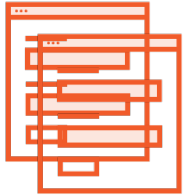**Visual Studio
scaffolded app
with multi-tenant and Twilio**

Registration Flow

User registers first

User enters mobile phone number into browser web form

Twilio sends one time text message to users mobile

User enters one time text back into browser web form

Two Factor Authentication Login Flow

User logins in

Twilio sends authorization request to users mobile

User confirms authorization on mobile

Twilio send message to users browser confirming authorization

ASP.NET MVC

ASP.NET
MVC

ASP.NET MVC

ASP.NET
MVC

Summary

Why we need two factor authentication (2FA)

Reviewed VS project for multi-tenant

Customized our multi-tenant app for 2FA

Demonstrated 2FA with our solution