Microsoft Power Platform

Pro-development with Power Pages

Powerful Devs Conference 2023

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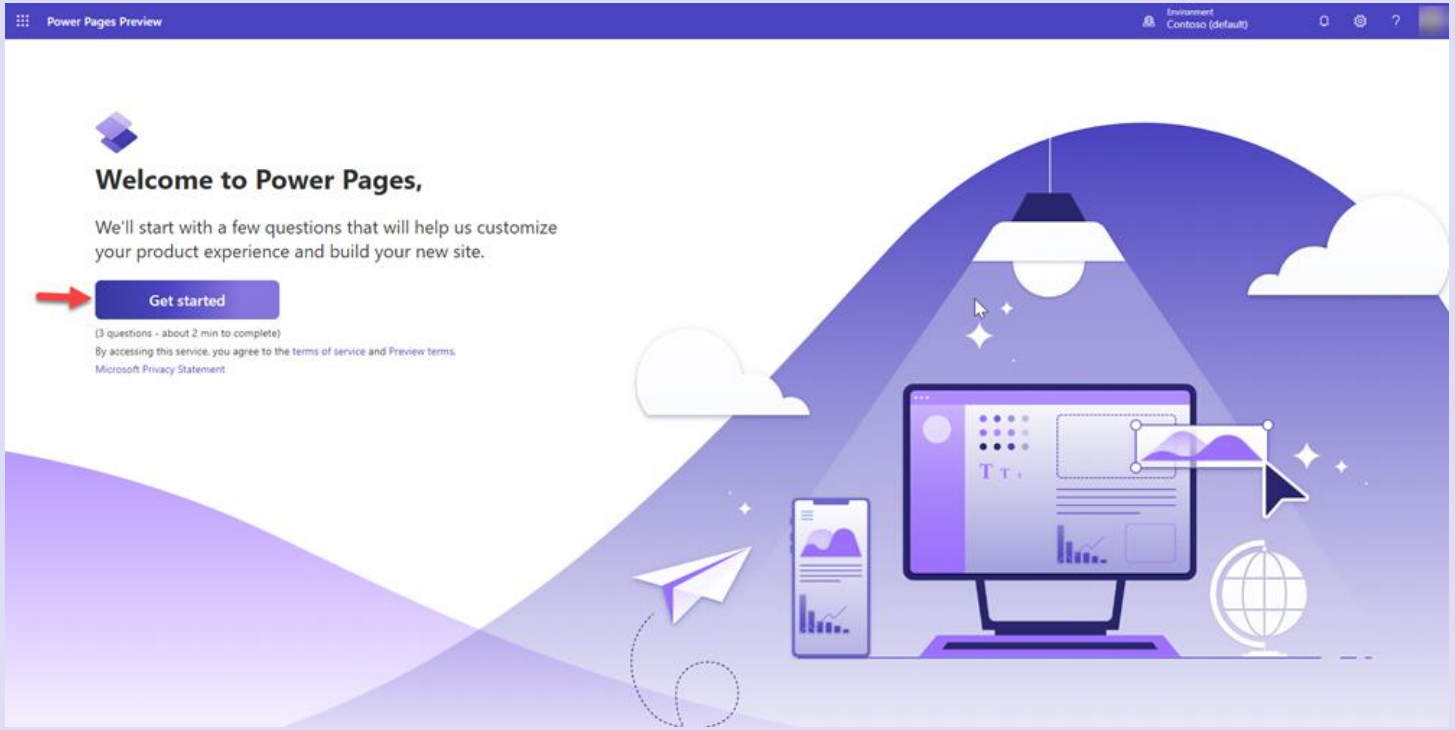
Microsoft Power Platform

What is Power Pages?

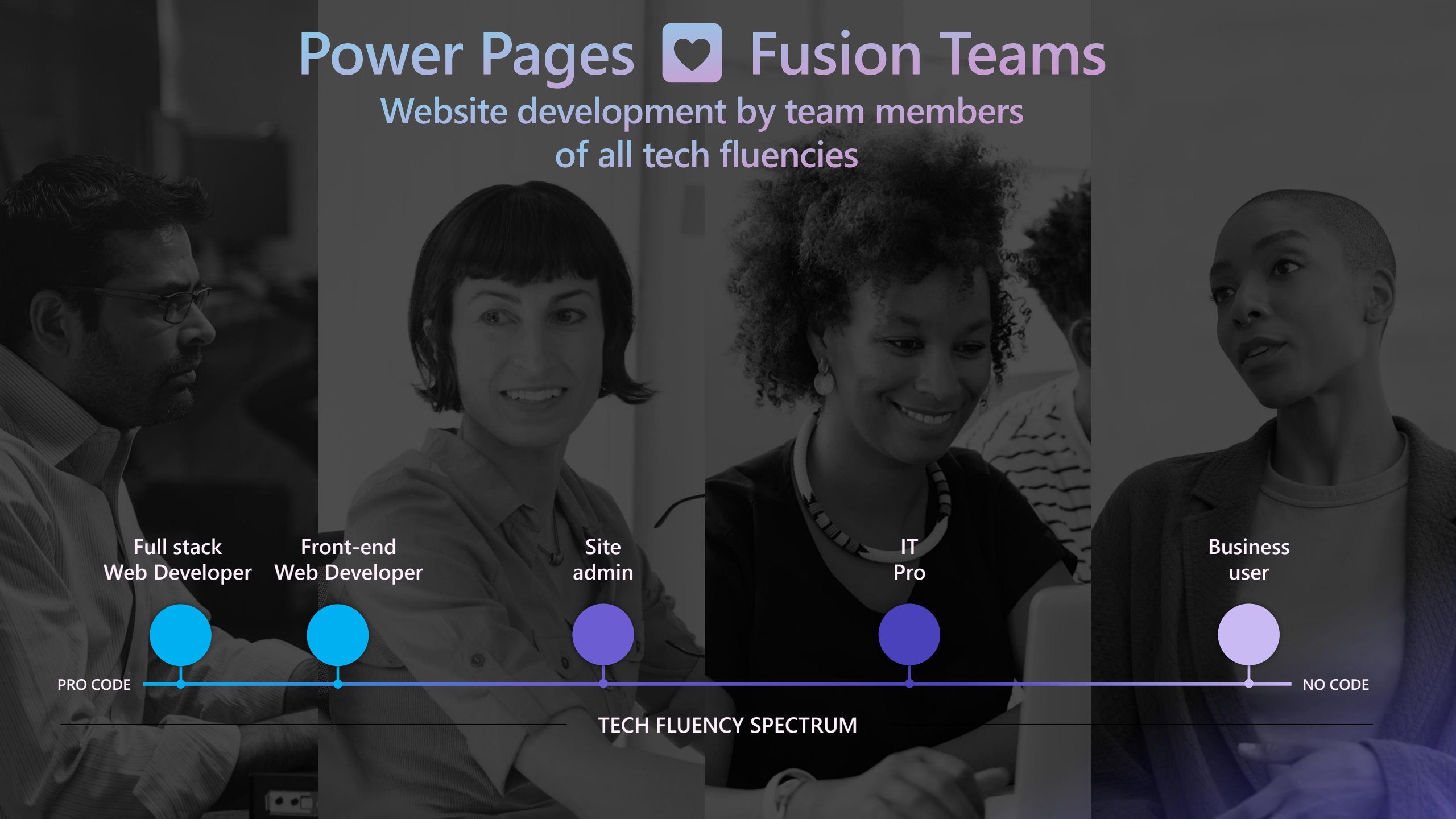
Microsoft Power Pages is a secure, enterprise-grade, low-code software as a service (SaaS) platform for creating, hosting, and administering modern external-facing business websites.

More information:
https://learn.microsoft.com/power-pages/introduction



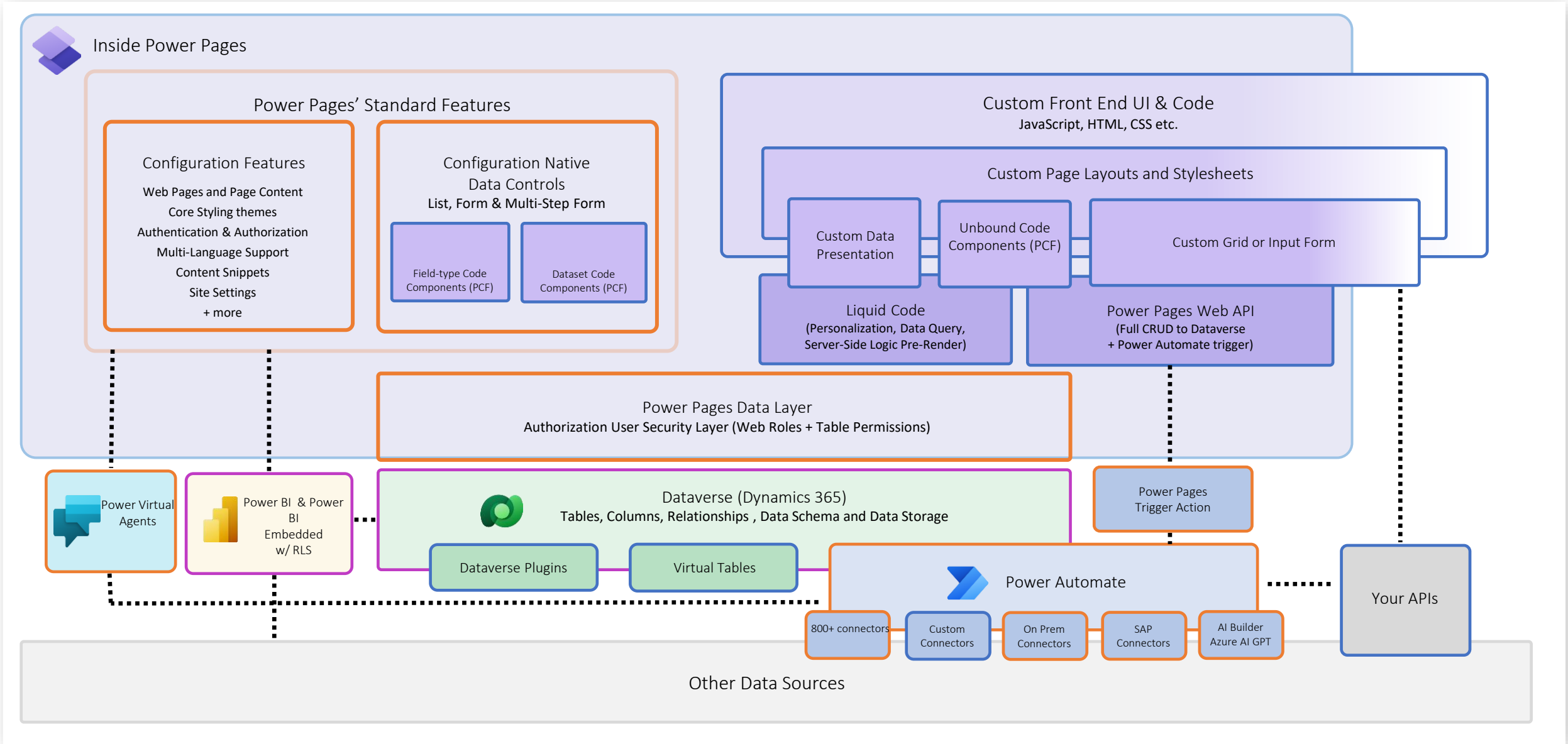
Power Pages ♥ Fusion Teams

Website development by team members of all tech fluencies



Microsoft Power Pages: Low Code to Pro Code Capabilities

NO/LOW CODE
PRO CODE



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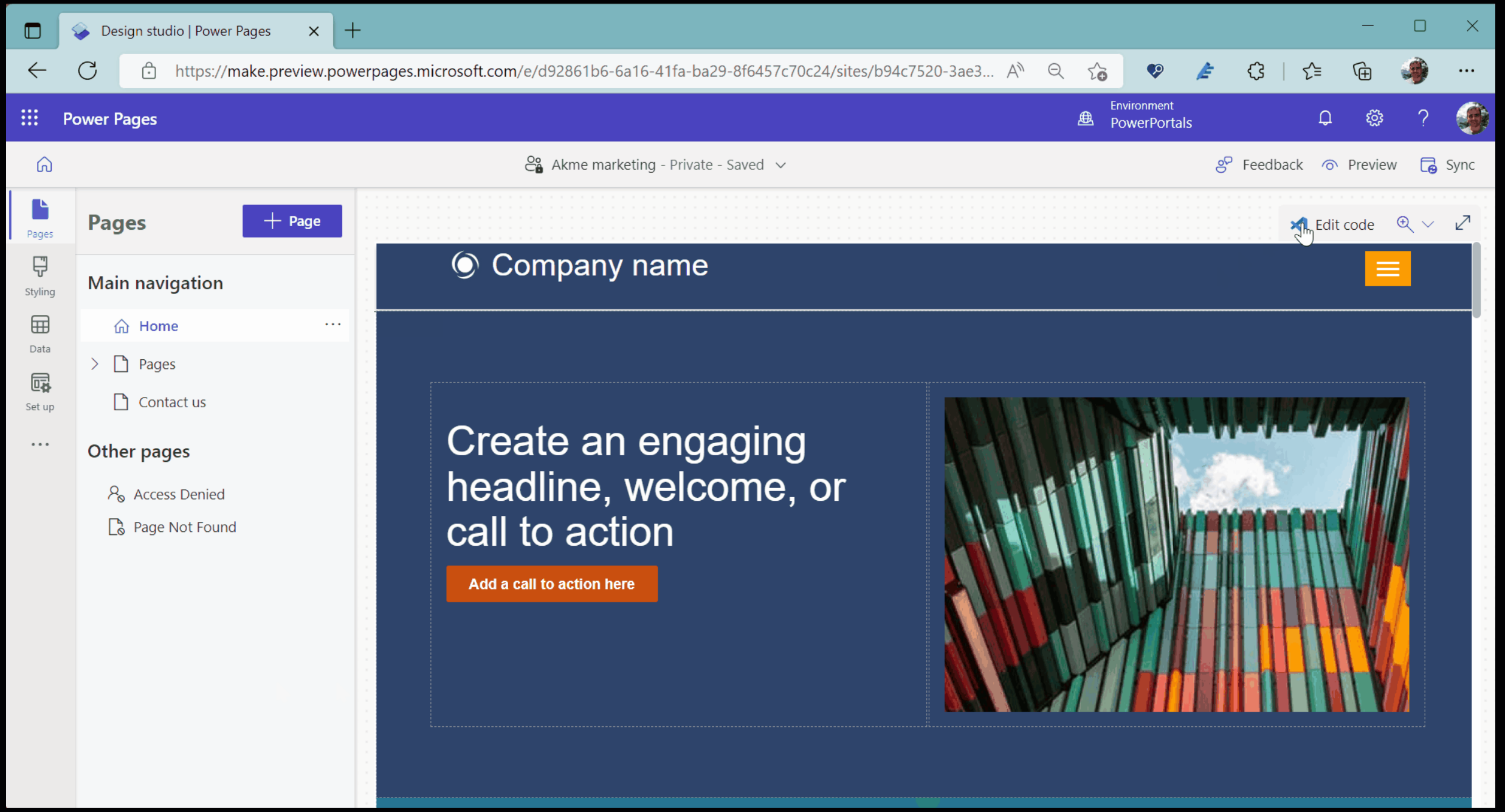
Developer Productivity

- ✓ Visual Studio Code Extension
- ✓ Command Line Interface
- ✓ Visual Studio Code for Web Integration

Visual Studio Code for Web – Integrated with Studio



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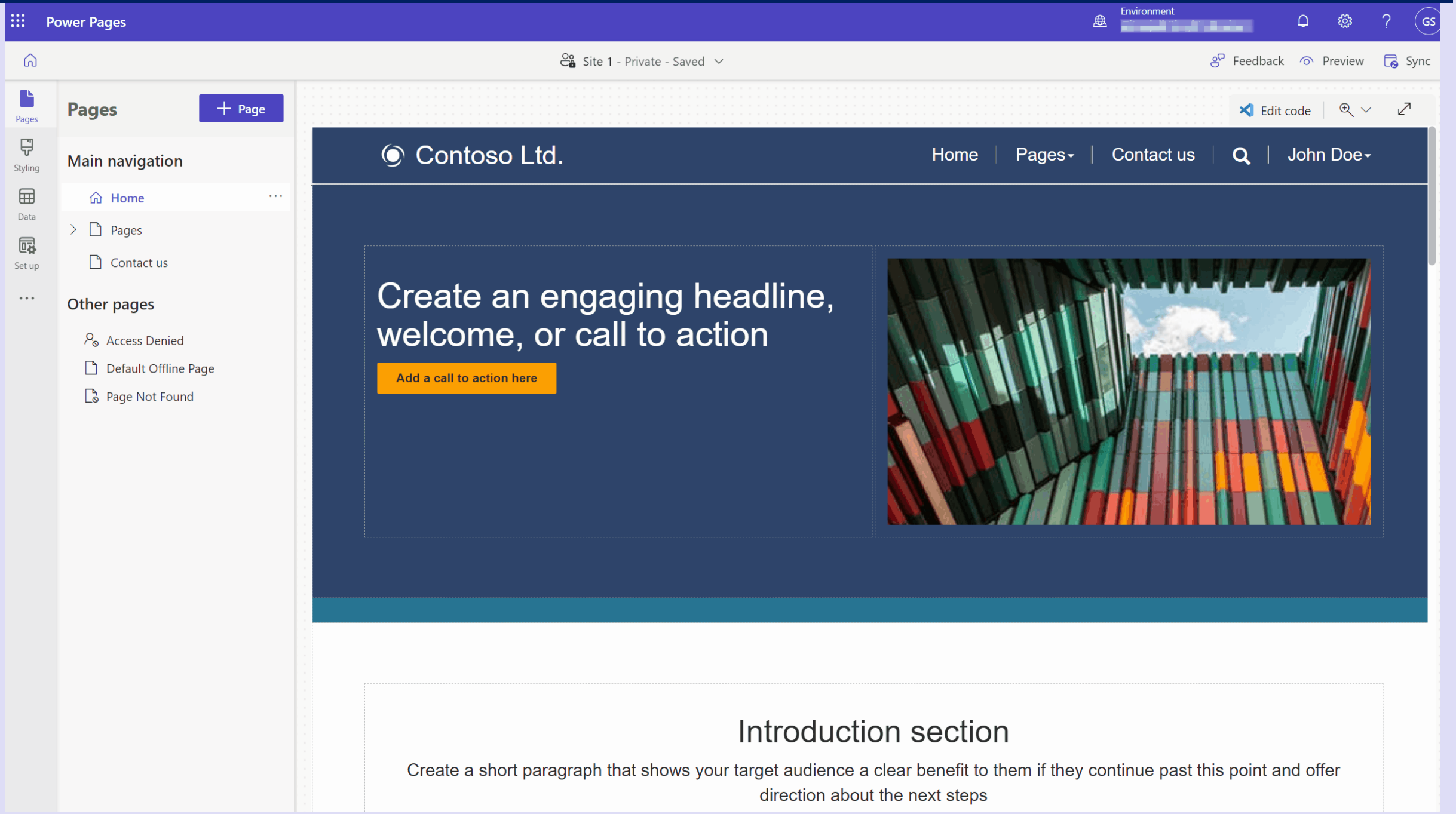
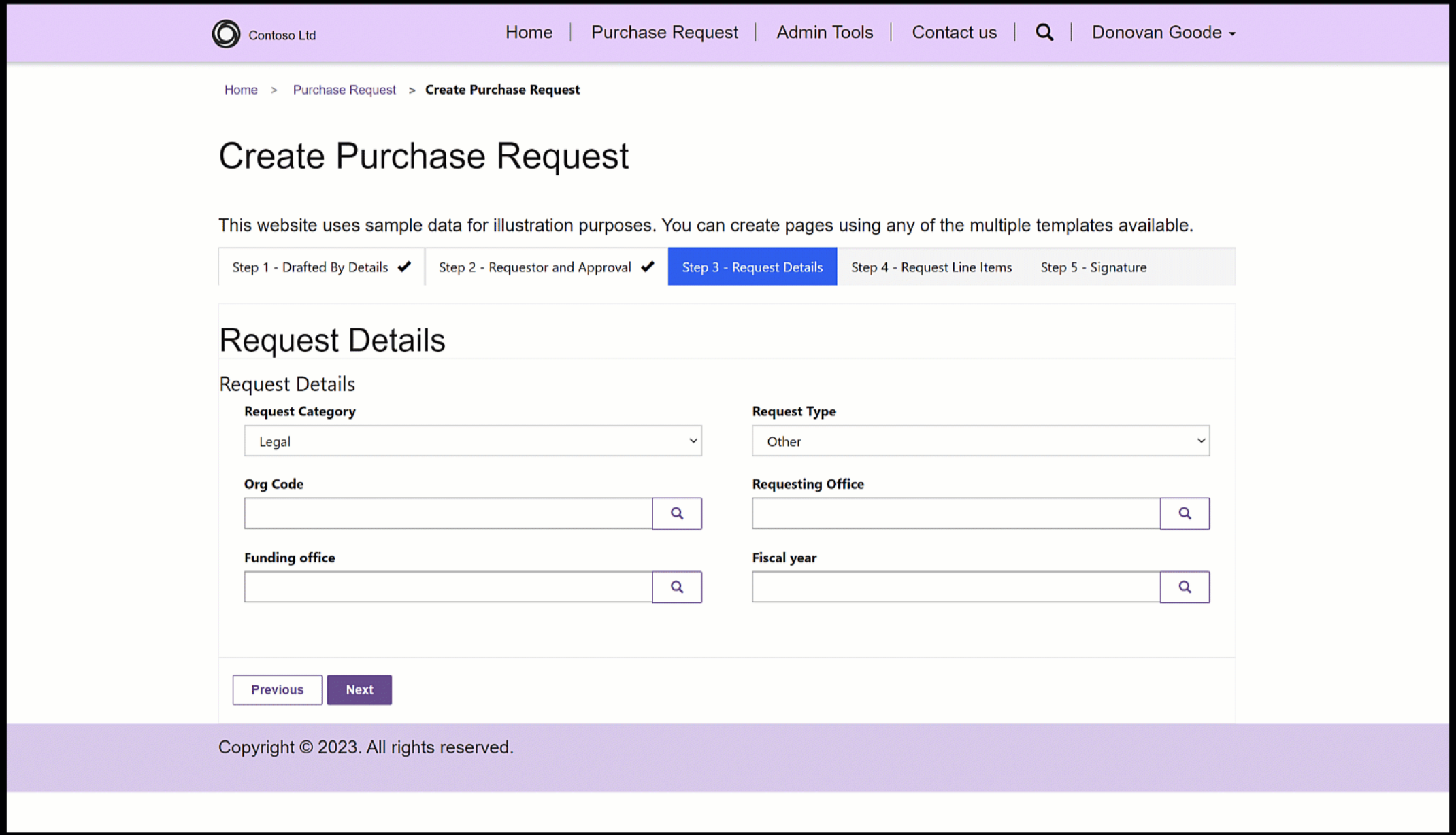
Build rich experiences and implement advanced scenarios

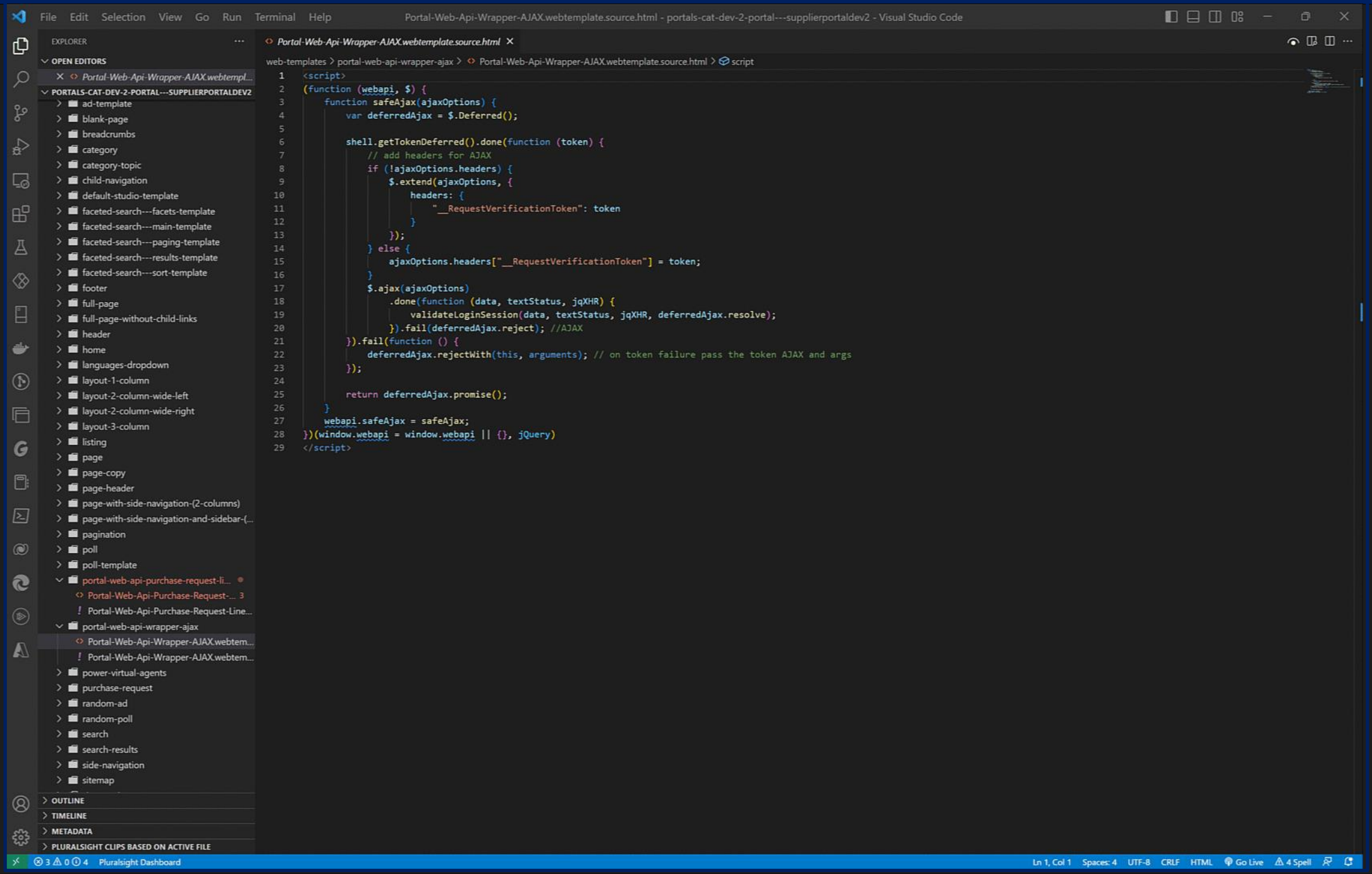
- ✓ Rich, consistent & reusable experiences - Code Components (PCF)
- ✓ Familiar web dev languages and frameworks - HTML, CSS, JS, Liquid, WEB APIs
- ✓ Visual Studio Code for Web Integration

Build & provide rich experiences with code components (PCF) for Power Pages



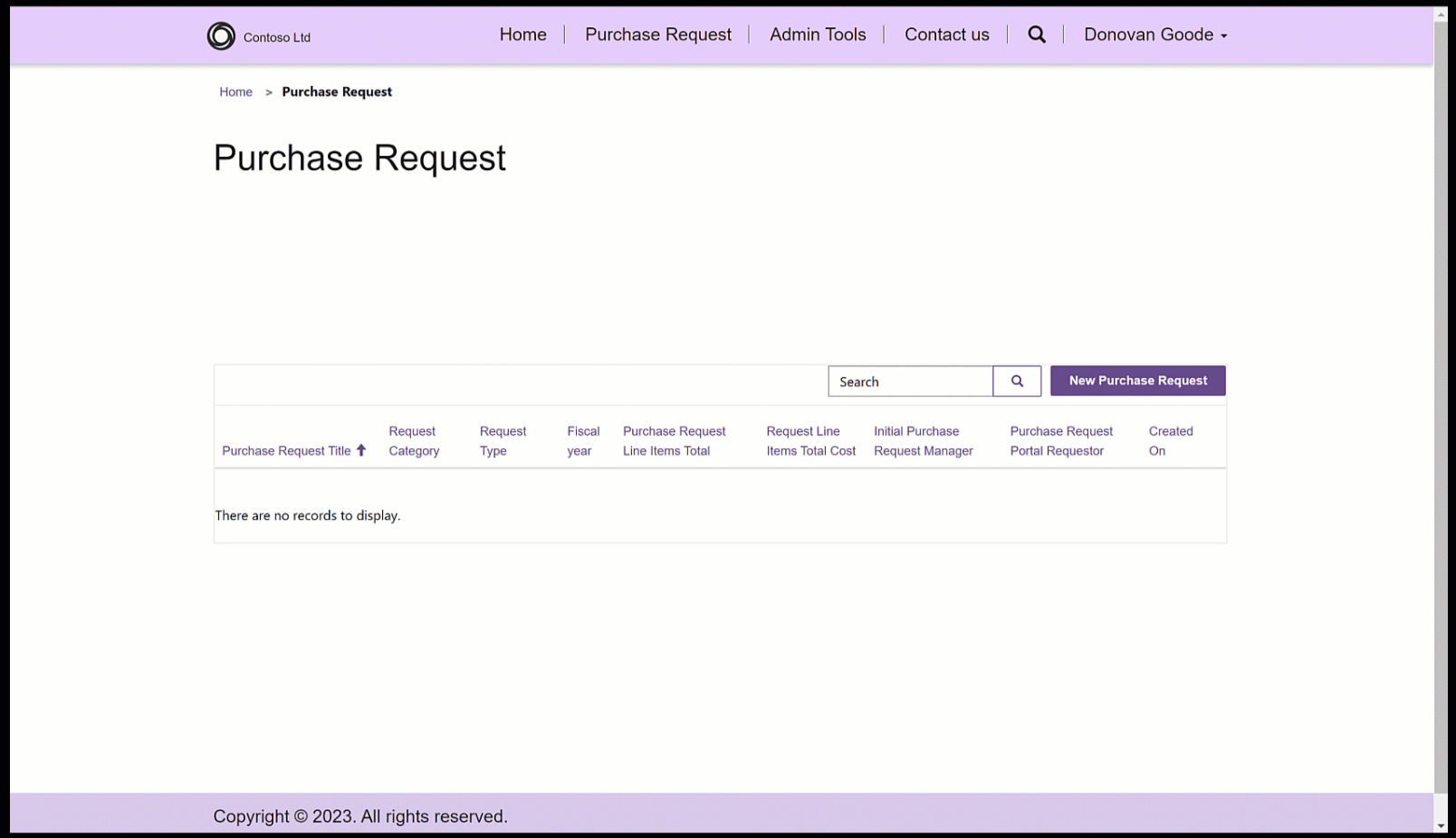

Contoso Ltd
Home | Purchase Request | Admin Tools | Contact us | Donovan Goode
Home > Purchase Request > Create Purchase Request
Create Purchase Request
This website uses sample data for illustration purposes. You can create pages using any of the multiple templates available.
Step 1 - Drafted By Details
Step 2 - Requestor and Approval
Step 3 - Request Details
Step 4 - Request Line Items
Step 5 - Signature
Request Details
Request Details
Request Category
Legal
Request Type
Other
Org Code
Requesting Office
Funding office
Fiscal year
Previous
Next
Copyright © 2023. All rights reserved.

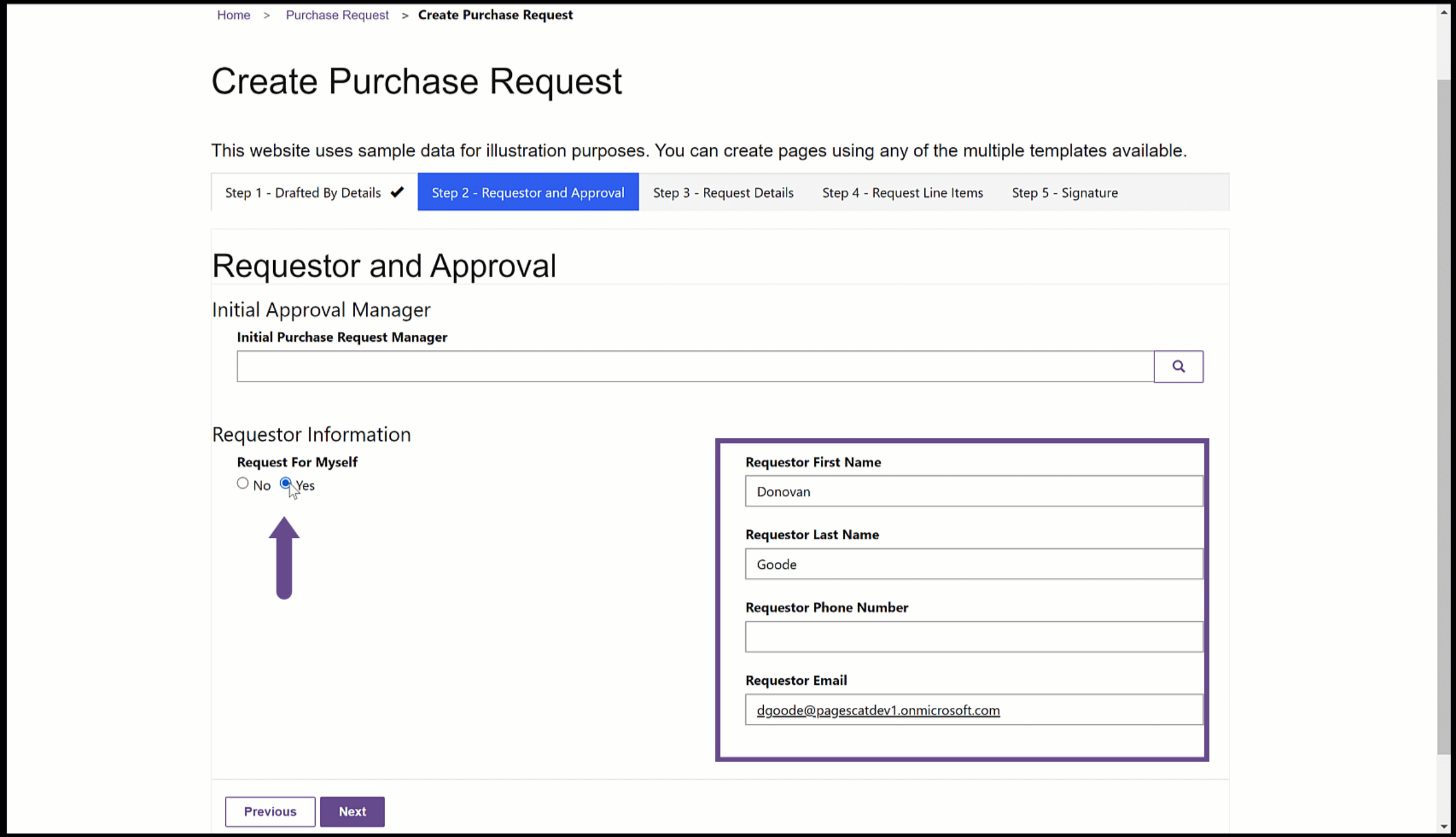
Use familiar web technologies – HTML, CSS (Bootstrap), JS, Liquid, WEB APIs

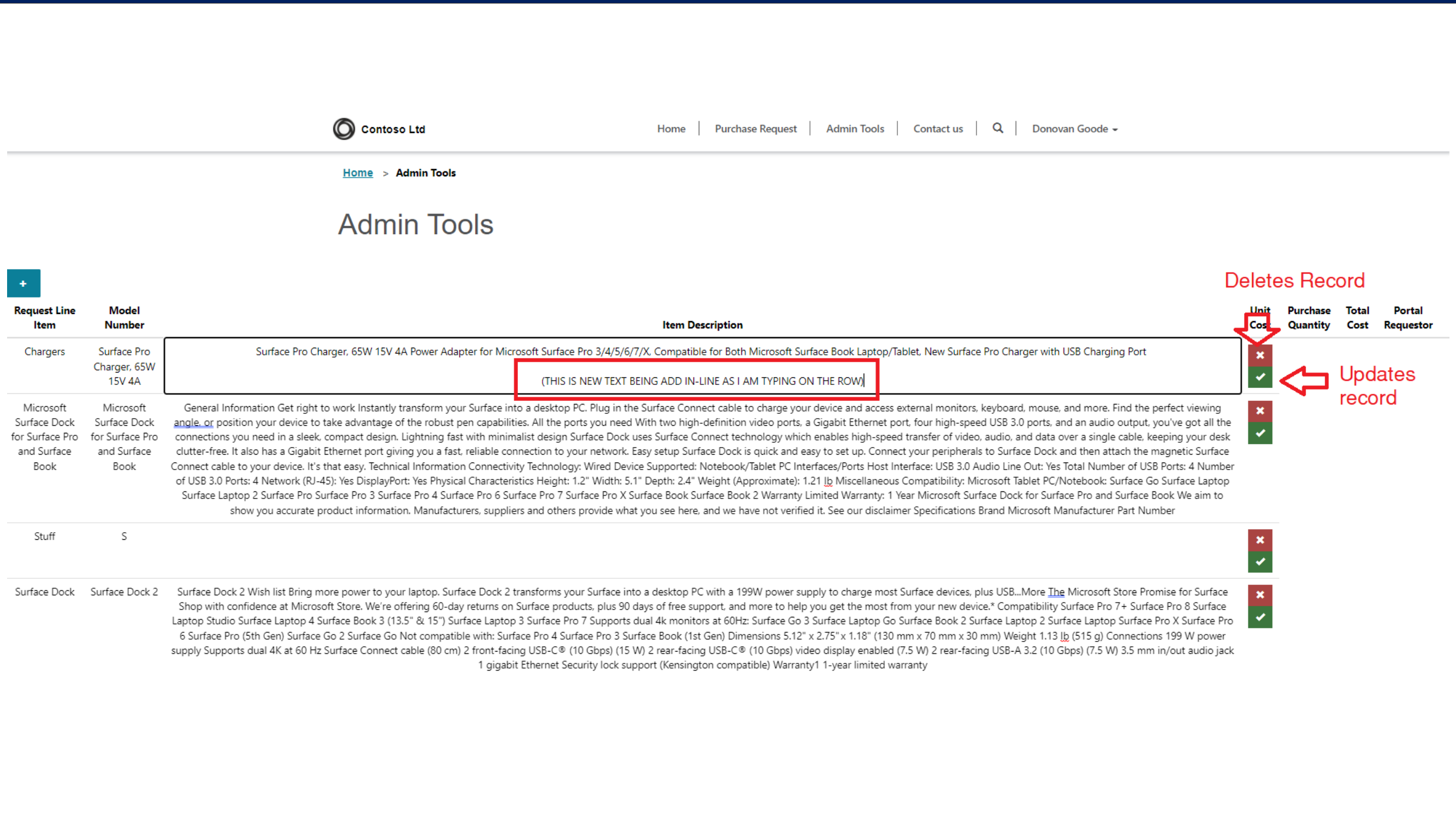


Read data from Dataverse using Liquid objects

```
/*User object(contact entity) is a global objet in the portal so there is no need to do a request param by id to set the entity object
  Always declare JavaScript variables with var,let, or const.
  The var keyword is used in all JavaScript code from 1995 to 2015.
  The let and const keywords were added to JavaScript in 2015.
  If you want your code to run in older browser, you must use var.
  With liquid, you can declare JS variables and set them to liquid entity object values
*/
var userLastName = '{{user.lastname}}' //declaring JS variable as the liquid object value for the logged in user attributes
var userFirstName = '{{user.firstname}}'
//var userMiddleName = '{{user.middlename}}'
var userEmail = '{{user.emailaddress1}}'
var userPhoneNumber = '{{user.telephone1}}'
```




Home > Purchase Request > Create Purchase Request
Create Purchase Request
This website uses sample data for illustration purposes. You can create pages using any of the multiple templates available.
Step 1 - Drafted By Details
Step 2 - Requestor and Approval
Step 3 - Request Details
Step 4 - Request Line Items
Step 5 - Signature
Requestor and Approval
Initial Approval Manager
Initial Purchase Request Manager
Requestor Information
Request For Myself
No
Yes
Requestor First Name
Donovan
Requestor Last Name
Goode
Requestor Phone Number
Requestor Email
dgoode@pagescatdev1.onmicrosoft.com
Previous
Next


Contoso Ltd
Home
Purchase Request
Admin Tools
Contact us
Donovan Goode
Home > Admin Tools
Admin Tools
+
Deletes Record
Request Line Item
Model Number
Item Description
Unit Cost
Purchase Quantity
Total Cost
Portal Requestor
Chargers
Surface Pro Charger, 65W 15V 4A
Surface Pro Charger, 65W 15V 4A Power Adapter for Microsoft Surface Pro 3/4/5/6/7/X, Compatible for Both Microsoft Surface Book Laptop/Tablet, New Surface Pro Charger with USB Charging Port
(THIS IS NEW TEXT BEING ADD IN-LINE AS I AM TYPING ON THE ROW)
Updates record
Microsoft Surface Dock for Surface Pro and Surface Book
Microsoft Surface Dock for Surface Pro and Surface Book
General Information Get right to work Instantly transform your Surface into a desktop PC. Plug in the Surface Connect cable to charge your device and access external monitors, keyboard, mouse, and more. Find the perfect viewing angle, or position your device to take advantage of the robust pen capabilities. All the ports you need With two high-definition video ports, a Gigabit Ethernet port, four high-speed USB 3.0 ports, and an audio output, you've got all the connections you need in a sleek, compact design. Lightning fast with minimalist design Surface Dock uses Surface Connect technology which enables high-speed transfer of video, audio, and data over a single cable, keeping your desk clutter-free. It also has a Gigabit Ethernet port giving you a fast, reliable connection to your network. Easy setup Surface Dock is quick and easy to set up. Connect your peripherals to Surface Dock and then attach the magnetic Surface Connect cable to your device. It's that easy. Technical Information Connectivity Technology: Wired Device Supported: Notebook/Tablet PC Interfaces/Ports Host Interface: USB 3.0 Audio Line Out: Yes Total Number of USB Ports: 4 Number of USB 3.0 Ports: 4 Network (RJ-45): Yes DisplayPort: Yes Physical Characteristics Height: 1.2" Width: 5.1" Depth: 2.4" Weight (Approximate): 1.21 lb Miscellaneous Compatibility: Microsoft Tablet PC/Notebook: Surface Go Surface Laptop Surface Laptop 2 Surface Pro Surface Pro 3 Surface Pro 4 Surface Pro 6 Surface Pro 7 Surface Pro X Surface Book Surface Book 2 Warranty Limited Warranty: 1 Year Microsoft Surface Dock for Surface Pro and Surface Book We aim to show you accurate product information. Manufacturers, suppliers and others provide what you see here, and we have not verified it. See our disclaimer Specifications Brand Microsoft Manufacturer Part Number
Stuff
S
Surface Dock
Surface Dock 2
Surface Dock 2 Wish list Bring more power to your laptop. Surface Dock 2 transforms your Surface into a desktop PC with a 199W power supply to charge most Surface devices, plus USB...More The Microsoft Store Promise for Surface Shop with confidence at Microsoft Store. We're offering 60-day returns on Surface products, plus 90 days of free support, and more to help you get the most from your new device.* Compatibility Surface Pro 7+ Surface Pro 8 Surface Laptop Studio Surface Laptop 4 Surface Book 3 (13.5" & 15") Surface Laptop 3 Surface Pro 7 Supports dual 4k monitors at 60Hz: Surface Go 3 Surface Laptop Go Surface Book 2 Surface Laptop 2 Surface Laptop Surface Pro X Surface Pro 6 Surface Pro (5th Gen) Surface Go 2 Surface Go Not compatible with: Surface Pro 4 Surface Pro 3 Surface Book (1st Gen) Dimensions 5.12" x 2.75" x 1.18" (130 mm x 70 mm x 30 mm) Weight 1.13 lb (515 g) Connections 199 W power supply Supports dual 4K at 60 Hz Surface Connect cable (80 cm) 2 front-facing USB-C® (10 Gbps) (15 W) 2 rear-facing USB-C® (10 Gbps) video display enabled (7.5 W) 2 rear-facing USB-A 3.2 (10 Gbps) (7.5 W) 3.5 mm in/out audio jack 1 gigabit Ethernet Security lock support (Kensington compatible) Warranty1 1-year limited warranty

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ALM

Power Pages

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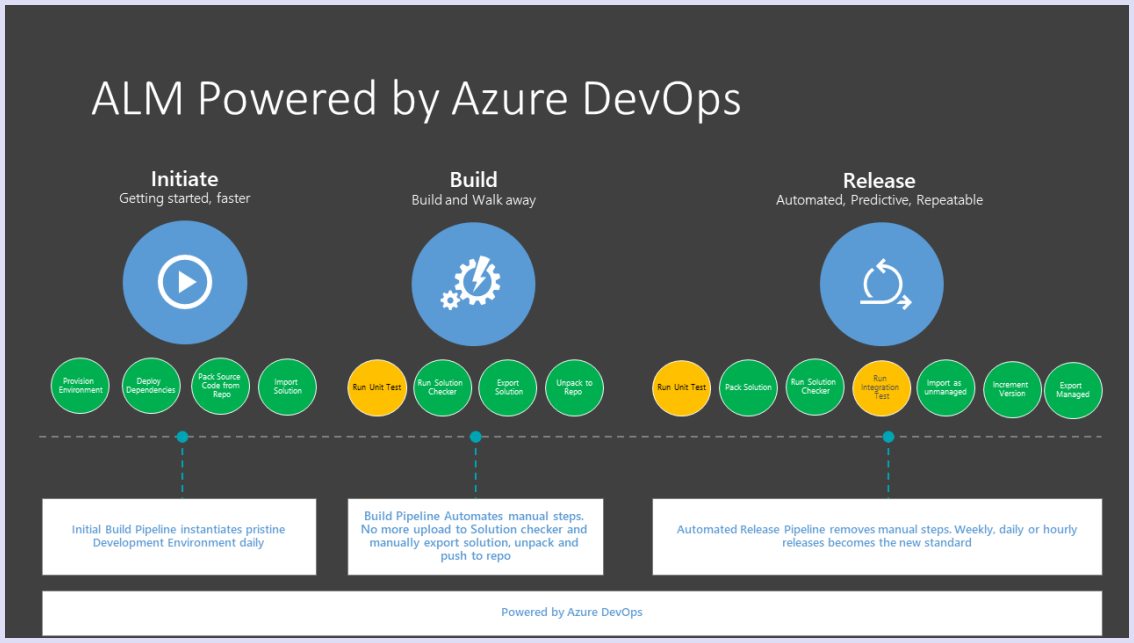
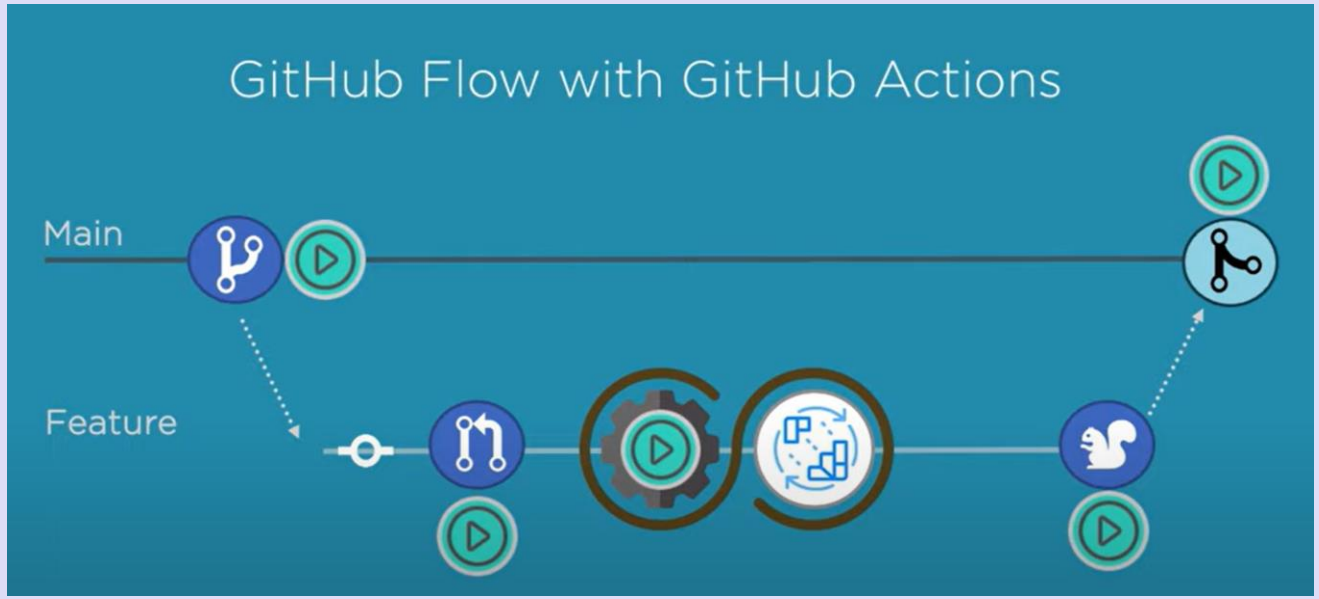
Build and Deploy

Create CI/CD pipelines with GitHub Actions or use Azure DevOps pipelines

Azure DevOps

GitHub Actions





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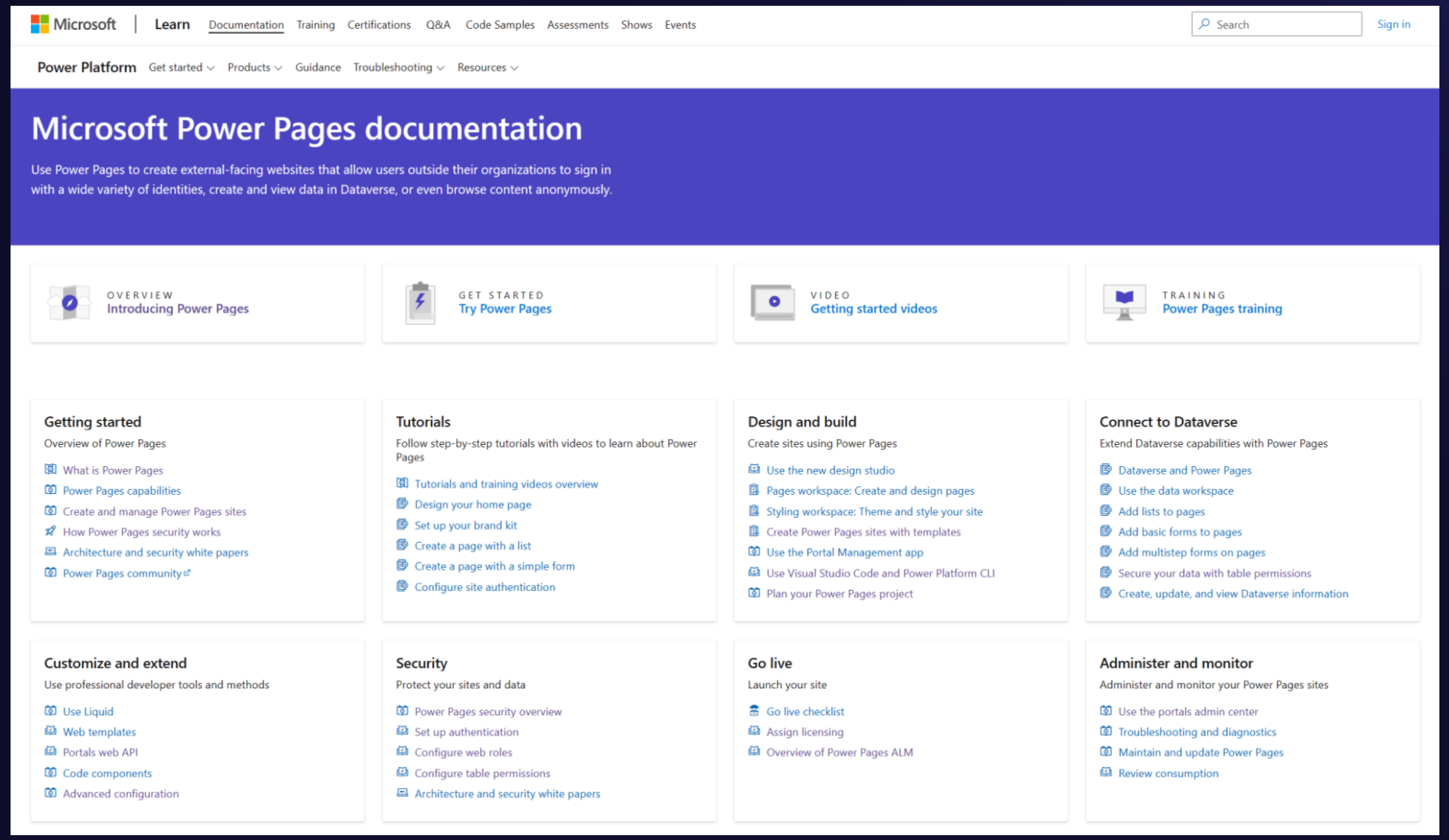
Thank you!

To learn more about pro-development with Power Pages – Scan the QR Code or visit https://learn.microsoft.com/power-pages/



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