



POWER PLATFORM

Real React apps that run inside Dataverse

Beyond canvas apps: full React + TypeScript + Fluent UI, running natively on the Power Platform against Dataverse.

Not the canvas app you're picturing

Most people equate Power Platform with drag-and-drop canvas apps. Code Apps open a different door.

1

Full modern front-end

React 19, TypeScript and Fluent UI — a real SPA, not a formula-driven screen.

2

Running on the platform

Hosted and governed by Power Platform, with Entra auth handled for you.

3

Dataverse as the backend

No custom API to build or secure — the platform is the data layer.

The read / write split that makes it work

READS

Go through the Code Apps SDK.

Proper OData: \$select, \$filter, expands.

Typed, paginated queries over Dataverse tables.

WRITES

Drop to the Dataverse Web API on the host.

Set lookups with @odata.bind by navigation property.

System of record stays Dataverse; auth stays with the platform.

What that combination let me build

One templated read/write pattern, reused across a fleet of pages for a professional-services firm.

1

A weekly timesheet grid

Auto-creates the scaffolding rows a user needs before they can log time.

2

A client-360 view

Real D3 charts for AR aging, tabbed across engagements, invoices and transactions.

3

A cross-sell screen

Turns whitespace analysis into one-click opportunities written straight back into the CRM.

TAKEAWAY

“Power Platform” doesn't cap you at canvas apps.

If you can build a React SPA, you can build one that lives natively on Dataverse — with the platform doing the auth and hosting. Have you tried Code Apps yet?