



POWER PLATFORM

Five gotchas that make a Power Apps Code App run

Code Apps feel like plain React — right up until a handful of undocumented runtime quirks stop you cold.

What a Code App is

You ship a normal React/Vite app onto the Power Platform and call its connectors from your own code.

1

Familiar on the surface

Your usual React, Vite and TypeScript stack — nothing exotic.

2

Governed by the platform

Entra auth, DLP and hosting handled for you.

3

Until it isn't

The runtime imposes constraints you won't find in a getting-started guide.

The five that cost me the most time

1

Dynamic imports

Generated service files must be dynamically imported, or the app crashes before the SDK boots.

2

Hash-based routing

The app is served from a deep proxy URL that normal browser routing can't handle.

3

Dataverse SDK returns []

The native SDK silently returns an empty array for every table — use the connector instead.

4

Orphan connection ref

A single orphaned connection reference breaks authentication for the whole app.

5

Illegal HTTP header

Regenerated connector code ships a header the runtime rejects — patch it every regenerate.

6

The real lesson

None of these are in the docs — each is an afternoon of “works locally, blank in the host.”

TAKEAWAY

Budget for the platform learning to be the real work.

Code Apps are genuinely good — just plan for the runtime quirks, not the React. Happy to compare notes if you're mid-build.