

EDWARD RADFORD

Forward Deployed Engineer

Milton Keynes, UK | 07968 200996 | contact@edwardradford.co.uk

edwardradford.co.uk | github.com/EdwardRadford | Available immediately | Willing to travel

PROFILE

I build AI systems for real businesses, and I design them so that people will actually use them. I spent four years at a UK sign manufacturer, the last of them designing and building its software: a multi-tenant SaaS platform with an LLM agent pipeline over 61 tools, integrated with the Xero and Dropbox they already had, shipped with 2,910 automated tests. Tenant isolation is enforced in Postgres, not in application code. It is built, deployed and going live with the business.

Before I wrote any of it I spent those years fitting signs, running the company's IT and quoting jobs with its customers. So I can sit with someone non-technical, work out what they actually need, and then go and build it. Most recently that meant publishing an MCP server in Python that gives AI agents read-only access to the UK companies register.

SELECTED WORK

Yowzer Hub (multi-tenant AI operations platform, built and deployed)

Sole engineer | 2026 | TypeScript, Next.js, Postgres, Cloudflare Workers, Anthropic API

A multi-tenant LLM application built for a business with no technical staff and no appetite for another system to fill in. I designed it, built it and deployed it to production. Priced at GBP 350 a month; currently going live with its first business.

- Agent pipeline over 61 tools. Every workflow takes the same path: queue, retrieve, verify, route, then resolve or hand to a human. That means every automated decision leaves a record you can audit.
- 2,910 automated tests across 216 files, gating every push. Agent behaviour gets its own evaluation batteries in CI.
- Tenant isolation lives in Postgres, using row-level security. If a query forgets its tenant it returns nothing, instead of returning everything. 44 schema migrations, with custom domains routed by host.
- Integrated with what the business already used: Xero for accounting, Dropbox for artwork, transactional email. No new system for staff to fill in. Adoption fails when you add work.
- Migrated the platform off Vercel onto Cloudflare Workers using OpenNext. That surfaced two failures you only get in production: a database client held as a module singleton, and an error reporter loading a wasm transformer on the request path, which stalled cold starts.
- Anything customer-facing or money-touching ships switched off, behind fail-closed flags. The business owner decides what turns on.

companies-house-mcp (open source)

github.com/EdwardRadford/companies-house-mcp | Python, Model Context Protocol, httpx, pydantic

An MCP server that gives an AI agent read-only access to the UK companies register: search, company profiles, officers, filings, charges and ownership chains. Seven tools, all reads, chosen deliberately instead of the thirty the API would allow, with the schemas shaped for a model rather than a human. 127 tests, ruff and mypy --strict clean. I built it against the published spec and then ran it against the live API, which contradicted the spec in four places. The one that mattered: list endpoints return an empty 200 for a company that does not exist, so the server would have told a model that a non-existent company had no charges.

foldready-engine (open source)

github.com/EdwardRadford/foldready-engine | TypeScript, Playwright, WebKit

A rendering engine that checks a website across three foldable-phone viewports and reports what breaks. It simulates the fold as a resize without a reload, because that is what the hardware does. Ships with a CLI, a library API and JSON output for CI. It refuses credentials in URLs and blocks private address ranges, because a renderer that fetches arbitrary URLs is an SSRF hole. Extracted from Fold Ready, a website fix service I am building on Cloudflare Workers, D1 and R2.

Client delivery

roamingradfords.com and throttlehaul.uk, both live | Astro, Cloudflare

Two commercial sites delivered end to end for their owners. ThrottleHaul is a UK motorcycle haulage business: I scoped it with the owner, agreed the price, designed and built it, and still maintain it. Roaming Radfords is a travel brand, live since May 2026. Working to someone else's brief, budget and deadline is a different discipline to building your own product, and I have done both.

FlightPath (open source)

github.com/EdwardRadford/flightpath | Founder | 2024 to 2026 | Flutter, Firebase, Cloud Functions

An AI study companion for UK student pilots, built while I did the training myself. Its Firestore rules stop a user granting themselves a subscription.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, Python, Dart

AI and LLM: Anthropic API, tool use, agent design, agentic workflows, prompt engineering, evaluation batteries, context construction, MCP

Backend and data: Node, Postgres, Supabase, row-level security, schema migration, REST APIs, Cloudflare D1

Frontend: React, Next.js, Astro, Flutter

Infrastructure and deployment: Cloudflare Workers, OpenNext, R2, Vercel, Docker, GitHub Actions CI/CD, DNS, observability and performance budgets

Practices: end-to-end ownership, production debugging, automated testing with Vitest and Playwright, accessibility auditing, technical documentation

Customer-facing: discovery, requirements gathering, scoping and pricing, technical consultation with non-technical stakeholders, adoption and rollout, supplier negotiation

EXPERIENCE

Independent, contract and freelance

May 2026 to present

Freelance web development alongside, and now after, the role above. Two commercial sites delivered and live: a UK motorcycle haulage business and a travel brand. I handle the whole engagement, from the first conversation about what they want through scoping, pricing, design, build, deployment and ongoing support.

Since September 2026 I have also been contracted back by Yowzer Signs to continue engineering on the Hub platform.

Yowzer Signs & Graphics, Milton Keynes

September 2022 to September 2026 (four years)

A family-owned sign manufacturer turning over roughly GBP 287k. Four years at the company: I joined at seventeen fitting signs and left owning every technical system in it.

Systems Manager (2026)

- Designed, built and deployed the operations platform above, and planned its rollout with the team who will use it: a shadow period first, then one capability switched on at a time.
- Responsible for all software, infrastructure and web systems in the business.

Sign Fitter and IT Support (2022 to 2026)

- Worked on installation teams before moving into IT support for the whole company, then took over its client-facing websites.
- Four years quoting jobs and talking to customers about what they needed and what it would cost.

Ocado, Customer Service Team Member

September 2024 to March 2026

Public-facing role held alongside the work above, delivering to customers across Milton Keynes. I resolved problems on the doorstep in time-critical situations, often without anyone to escalate to, and management recognised my customer feedback inside the first four months. Eighteen months of it taught me more about handling an unhappy customer than any amount of software has.

EDUCATION

A-Levels: Computer Science, Maths, Physics. Walton High School, Milton Keynes.

GCSEs: including Maths, Physics, Computer Science, English and German

No university degree. I designed and built every system described above myself.

Full UK driving licence | Private Pilot Licence in training, 15 hours logged at Cranfield | German (conversational)