

KIERAN CLAUDE BOURNE

AI Pioneer applicant — *I ship working systems, measure them, and let the numbers do the claiming.*

► **START HERE** — the live, interactive version of this CV: kieran-ai-pioneer-cv-production.up.railway.app

+44 7592 762289 · kieran@neubor.co.uk · Stoke-on-Trent, 45 min from Knutsford · neubor.co.uk · showroom of live builds: neubor.co.uk/showroom

Founder of Neubor — a one-person, AI-native web platform for UK local businesses. This is not a job I clock into: I run agentic AI workflows every working day — multi-agent pipelines with adversarial verifiers, CI gates that assume the model is wrong until a measurement says otherwise, and a house rule that a claim without a measurement is not a claim. No computer-science degree, no conventional route — chef, operations, galvanising line, founder. AI closed the gap that used to keep minds like mine out of this industry, and I have not wasted it: law, accessibility, SEO, publishing, 3D graphics, security hardening — I travel light across domains because I have had to. I build the workflow, prove it red before I trust it green, hand it over documented, and move on.

NUMBERS FIRST — ALL MEASURED, NONE ESTIMATED

81 → 0	6,502	100	0 · 0	6,048
WCAG 2.2 A/AA findings across 7 live demo businesses — now a blocking CI gate	elements pixel-sampled for contrast in both themes; 308 failures found, fixed, gated	accessibility audits per CI run, in 205 seconds — every route, two widths, panel open	EPUBCheck errors · Ace issues on a 215-page book produced end to end	counted design variants; 21 built pairs measured ≥ 8/12 axes apart — CI blocks sameness

SYSTEMS SHIPPED — WITH THE PROOF ATTACHED

Neubor platform & template library · Next.js · React · TypeScript · Node · Python · GitHub Actions CI

- Built and run a multi-tenant platform: **20 template packages across 92 verticals**, 7 working demonstration businesses (booking, ordering, owner portals, per-tenant AI assistants) — all in the live showroom above
- Shipped “Ivy”, an AI receptionist that answers enquiries, quotes jobs and books appointments in the live demos around the clock; early client work has earned 5-star Google reviews
- The security basics, done properly and enforced by CI: fail-closed auth, per-service credentials, login throttling, and a secrets scanner that has already blocked its own author’s commit

Adversarial practice — I attack my own work · and the attacker is not the builder

- My own authorised **pen-test sentinel** attacks every product I ship, kept deliberately separate from the agents that build them. That separation is the point: the model that reviews the code is never the model that wrote it
- Prompt-injection defence in production, caught **by rule before the model is ever called** — instruction-override, role-assertion, prompt-exfiltration, persona-break and fabrication-request. It costs no tokens, and it still holds when the provider is down
- The grounded assistant on the interactive CV above is scored against **35 adversarial cases** — injection, leading-trap, out-of-corpus. A fabricated claim fails the case at any severity, and the published report lists the four real defects the harness caught before it went green, including one fabrication
- PortSwigger Web Security Academy: **54 labs solved** (Apprentice + Practitioner) — including the complete access-control (13) and path-traversal (6) tracks. SQL injection (15 — to blind time-based extraction and a WAF bypass via XML encoding), access control and IDOR (13 — privilege escalation and header bypasses like X-Original-URL and Referer), cross-site scripting (8 — reflected, stored and DOM), business logic (4 — client-side price/quantity trust, a workflow-skip and coupon abuse), authentication (2 — a 2FA-step skip and password-reset logic), **LLM attacks** (excessive agency and command injection through an AI assistant’s tools), path traversal and information disclosure. I keep method notes for each, because the point is being able to explain them, not the number
- The platform polices itself: a gate register fails CI when a probe exists that nothing runs (53 probes: 25 wired, 28 exempt with written reasons) — because a test nobody executes is a comforting lie
- Infrastructure I run day to day: Railway, Vercel, Cloudflare (DNS + R2), GitHub + Actions, self-hosted Appwrite (MariaDB + Redis), Supabase, and SQLite/Postgres stores — provisioned, secured and paid for by me

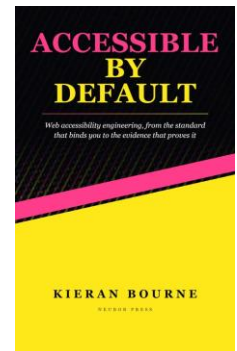
The accessibility programme — measurement as product · axe · Playwright/CDP · pixel-composited contrast probes

- Took 7 live demos from **81 WCAG 2.2 A/AA findings to 0** and made the audit a blocking CI gate — every route, 390px and 1440px, with the accessibility panel open, because a closed panel is audited nowhere

- ▶ Realised axe returns “incomplete”, not “violation”, when it cannot resolve a background — so I set an agent to build a pixel-sampling probe. It found **308 real failures a green audit had never seen — 302 of them in the light theme alone**; now 0 across 6,502 elements in both themes, blocking in CI
- ▶ Worked an external auditor’s hostile findings like a teammate: Shaw Trust sent three failures our green gate structurally could not see — I verified all three against the live site, fixed them, and widened the gate
Published measurement, not promises: neubor.co.uk/accessibility renders only from a committed audit record and fails the build if the measurement is older than 120 days. We never say “compliant” — capability is not conformance.

Accessible by Default — Neubor Press · author, producer, and the entire pipeline

- ▶ A 215-page working guide to UK/EU accessibility law and practice for people who own a website rather than build one — 52,470-word manuscript, every legal claim read from the primary instrument, every code example executed under automated test before print
- ▶ The book about accessibility had to pass its own audit before I’d let it near the publish button: **EPUBCheck 5.3.0 — 0 errors · Ace by DAISY — 0 issues · 700 automated reflow, enlargement, theme and keyboard assertions**, tagged PDF, ISBN 9798189301094 — production-complete and staged on Amazon KDP
- ▶ Phase 1 shipped first: six plain-English guides live at neubor.co.uk/guides. Next in the series: a practical guide to SEO — grounded in 12 Google & Semrush certifications.



the actual cover

Built under my own steam — because the ad asked · all of it live, none of it slideware

- ▶ **Lantern Card Club** — a Pokémon TCG collection platform with live customer accounts, exact-match card search, and shareable binders; my hobby, run to production standards
- ▶ **CalyxScope** — a 3D botanical specimen viewer with checksummed assets and browser gates that measure the rendered pixels. In July 2026 one of those gates proved the entry camera was cropping the model on small phones — and stayed red until the fix landed
- ▶ **Discord automation** — Pokémon TCG community bots, deployed on Railway; their craft rules later became evaluation gates for the main platform, because a good idea should not care where it was born
- ▶ Multi-agent workflow harness — my daily driver for LLM agents: parallel finders, adversarial verifier panels that must refute a finding to kill it, structured-output contracts, token-budget-capped loops

HOW I ACTUALLY WORK WITH AI

- ▶ **Workflows, not vibe-coded apps:** RED before GREEN — a new gate must first fail against the defect it exists to catch, or it is not a gate. Every system above was built that way
- ▶ **Evaluation before enthusiasm:** house rules include “judge the render, not the source”, “a probe that cannot fail is not a probe” and “an audit that runs in one of two modes is half a gate” — each written down after a measurement forced it
- ▶ **The stack on my desk right now:** Claude (subscription, API and agentic CLI) · ChatGPT · Gemini · Groq · Qwen, a local LLM, running on my own hardware · Kimi on the waitlist — plus GLM routed for cost in production. Personal subscriptions I renew because I use them before breakfast, and a local model because some questions should not leave the building
- ▶ **I work in the open:** session handovers, decision records, and a COMMON_MISTAKES file where my own errors are logged beside my AI agents’ — same file, same severity. Your handbook calls it “ask anything, fear-free”; I call it Tuesday

THE GENUINE ARTICLE

- ▶ **Your ad asks for genuine enthusiasm, so here is the unpolished version:** the first thing I do when I wake is open the laptop and crack on, and my commit timestamps routinely run past 1am — nobody assigns me this. I follow one philosophy: find work you love and you will never work a day in your life. I did
- ▶ **I have Asperger’s.** It is where the hyper-focus that holds me on a problem until it yields comes from, and the pattern-attention that catches what green dashboards miss. My accessibility programme is built on that lived experience — the one thing no competitor of mine can copy
- ▶ **Why “AI Pioneer” means something to me:** creative minds without conventional credentials were locked out of building for decades. AI has closed that gap, and people like me are walking through it. I want to spend the next few years showing what that looks like — inside a company that already shares everything it learns

YOUR TWO-WEEK EMBED CADENCE — READ AGAINST MY LAST MONTH

THE AD SAYS

- Drop into hard, unscoped AI problems
- Embed alongside the people closest to the work
- Ship something that actually makes things better
- Evaluate impact through proper measurement
- Hand over, then move to the next domain

MY LAST MONTH, AT THAT CADENCE

- Cold domains entered: EU accessibility law, EPUB production, 3D camera framing, pixel-level colour measurement
- In a one-person company the person closest to the work is me — constraints written down before building, decisions logged as records
- The 215-page book: owner brief to KDP-staged production inside a fortnight. The accessibility panel and its blocking audit pipeline across seven live products: also a fortnight
- A 3D model was silently cropped on phones behind a “fixed” diagnosis — I treated that as a hypothesis, built a pixel probe, proved it, and shipped the fix with the gate that keeps it fixed
- Every stint ends the same way: a handover document, a decision record, and the gate

EMPLOYMENT

- 2025 – **Founder — Neubor** — Everything above, plus sales, brand, proposals and 12 certifications — built while primary carer for a newborn
- 2024 – 2025 **Customer Service Representative — Asda** — Handled escalated complaints: bereavement transactions, high-value refunds, product liability — consistently resolved
- 2024 **Industrial Operative — Barkers Engineering (agency)** — ISO 1461 galvanising plant: quality control, COSHH handling, high-throughput process discipline
- 2021 – 2024 **Operations — Lees Handyman & Landscaping** — Ran the business end to end: acquisition, quoting, scheduling, procurement, resolution
- 2018 – 2021 **Founder — KB Landscaping & Maintenance** — My first company. Set it up and ran it: quoting, scheduling, clients, the lot. It did well, and it ended — Neubor is the second one, not the first
- 2016 – 2018 **Sous Chef — Brewhaus** — Team standards under service pressure — the original sprint cadence: ship twice a day, every day
- 2012 – 2016 **Earlier** — Pastry chef · care-home chef · retail — Trentham Gardens, Bradwell Nursing Home, Tesco

CERTIFICATIONS & EDUCATION — FULL RECORD, AS YOU ASK

Google Ads: AI-Powered Performance Ads · AI-Powered Shopping Ads

Semrush Academy (10): AI Search Operating System · AI PR Toolkit · On-Page SEO & AI Search · Keyword Research · Local SEO · Local Toolkit · International SEO · SEO Crash Course (Brian Dean) · Content Toolkit · Traffic & Market Toolkit

GCSEs — Chesterton Community High: History B · Food Technology B · English Language C · English Literature C · Maths C · ICT C

Vocational — Cauldon College: NVQ L1 & L2 Hospitality & Catering, both Distinction (top of class) · Health & Safety · First Aid · NVQ French & Spanish

No degree. *The systems on page one are the syllabus I set myself instead — and they are live, so you can mark them.*

PRACTICALITIES

Right to work in the UK · available immediately · 45 minutes from Knutsford and glad of the office — I have read the handbook and I agree: the work should be hard, being there shouldn't be. Interactive CV: kieran-ai-pioneer-cv-production.up.railway.app · live builds: neubor.co.uk/showroom. Happy to demo any system in this CV live at interview, or build something new in front of you.

RED → GREEN *an adversarial panel of AI agents was set on these pages with orders to refute every claim against the underlying records. Every confirmed finding was fixed before you read this — including the metric colour that measured 3.29:1 against the footer's own promise.*



the live showroom