Chris Demetriou

AI Automation Analyst | Workflow & Process Automation

Greater Manchester (hybrid) or remote · tech@chrisdemetriou.com
linkedin.com/in/chrisademetriou · chrisdemetriou.com · labs.chrisdemetriou.com · Open to permanent or contract roles

18 yrs
enterprise technology

80+
apps moved to Oracle Cloud

£500k
cost saving

3,000+
integrations made secure

PROFILE

I'm a **systems thinker** with **18 years in SaaS and managed services**. I find the manual, messy process behind a recurring problem and turn it into something that runs itself.

16 years at e2open, an enterprise supply-chain SaaS company, showed me exactly where processes break: the workarounds, the hand-offs, the hidden risk. Now I take a problem from **idea to live product**: I map it, write the spec, direct AI coding agents to build it, then test, secure and ship it with automated pipelines. I think differently, and that is the point.

HOW I BUILD

1 · Map
Talk to the people doing the work. Map the current workflow and what it costs.

2 · Specify
Phased plan, acceptance criteria and written house rules the AI agents must follow.

3 · Decide on record
Every choice logged with its reason, so nothing is guessed later.

4 · Direct the build
Claude Code and Codex write code to my spec. I review, steer scope and say no.

5 · Test & secure
Automated tests, phone and desktop browser checks, accessibility checks, security scans, AI evals.

6 · Ship & watch
CI/CD pipelines deploy, smoke-test and report live status by themselves.

SELECTED IMPACT

- **£500k off hosting costs:** moved 80+ enterprise applications out of an expensive Equinix data centre into Oracle Cloud, coordinating 10 specialists.
- **Fewer outages for customers:** my pre-change checks and standard runbooks almost eliminated failed or rolled-back changes, so engineers spent less time firefighting. Adopted by the team.
- **Customer data made secure:** moved 3,000+ customer integrations from unencrypted HTTP/FTP to HTTPS/SFTP, and built and tested a disaster-recovery site so they could keep running if the main site failed.
- **Clients protected during WannaCry:** coordinated urgent patching of hundreds of servers and kept clients informed, keeping their downtime and cost to a minimum.
- **A public directory that stays accurate by itself:** Neuro Support Checker re-checks about 900 UK support organisations every 1 to 3 days, so nobody is sent to a service that has closed.

EXPERIENCE

Founder · AI software studio with 22 specialist agents — **Feb 2024 – Present**
Self-employed · portfolio at labs.chrisdemetriou.com (9 projects) — Greater Manchester, hybrid

The studio: how the work runs

- **Multi-agent workflow:** designed a studio of 22 specialist AI agents (research, finance, planning, coding, testing, security, release) that takes an idea through research, specification, build, testing and release.
- **Governance built in:** approval points at every stage, like CAB and stage gates, a full audit trail of decisions and evidence, and checks that stop weak work early. Nothing goes live without my sign-off.
- **Automated PMO:** project management lives in an Obsidian vault synced to GitHub. A GitHub Actions job rewrites a live-status page every hour (sites up, builds, open pull requests). 40+ decisions logged with reasons.

What I've shipped

- **Genesis (live with a real band):** finds a date everyone can make, chases anyone who hasn't replied, lets others book on a member's behalf, and shares song links and chord charts you can annotate with a pen. Tested with Vitest, Semgrep and OWASP ZAP.
  Cloudflare Workers · TypeScript · D1 (SQLite) · Durable Objects · passkeys · GitHub Actions

- **FaithForce (in build):** church AV and IT help desk in Laravel, with CI tests and automatic deploys. Repeat faults are grouped automatically.
  Laravel · PHP · MariaDB · Tailwind CSS · Docker · PHPUnit · Playwright · axe-core
- **AI lead chat and client portal:** specified in 10 phases, then tested against 10 scripted visitor personas as automated evals before going live.
  Cloudflare Workers · Workers AI · D1 (SQLite) · passkeys · Resend
- **REACH charity site:** rescued 154 pages from web archives with Python scripts and rebuilt the site in Astro: fast, static and free to host.
  Astro · Tailwind CSS · Python · GitHub Actions · GitHub Pages

Accessibility Tester (user research session) **Nov 2026**
AbilityNet Bank technology campus, on-site

- Tested a major UK bank's mobile app for accessibility and **neuro-inclusion**.
- Picked apart the UX, technical layout and language, and gave practical changes to make it clearer and less demanding to use.

Senior Applications Specialist **Aug 2008 – Feb 2024**
e2open · enterprise supply-chain SaaS, 3,000+ customer organisations Salford, hybrid

- **Oracle Cloud migration:** led the technical delivery. Chaired the progress meetings and shared out the work between network, database, application and security specialists.
- **Process improvement:** redesigned escalation, runbooks, handovers and pre-change checks. Adopted by the team.
- **Customer integration programmes** for Heineken UK and Sysco UK (Brakes): VPN and firewall readiness, data-exchange validation, monitoring and operational acceptance.
- **Change control:** assessed risk at CAB and stopped unsafe changes when notice or specialist cover was missing.

Clients included Heineken, Sysco (Brakes), Dunelm, Aviva, Legal & General, ASDA, PZ Cussons, TNT and Nisa.

IT Managed Services Engineer **2006 – 2008**
iRevolution & UKN Group London, on-site

- High-security live environments: NHS South London, Lloyd's of London and the Rural Payments Agency (SC cleared).

SKILLS & TOOLS

Automation & process: process mapping · workflow design · requirements & user journeys · runbooks · change control (CAB) · integrations (HTTPS, SFTP, data exchange) · CI/CD · accessibility & neuro-inclusive design

Stack I design and direct: TypeScript · JavaScript · Python · Bash · SQL (D1/SQLite) · Cloudflare Workers, Durable Objects & R2 · GitHub Actions · Astro · Tailwind CSS · Oracle Cloud Infrastructure

Testing & security: Vitest · Playwright · axe-core · Semgrep · OWASP ZAP · passkeys (WebAuthn) · CSP headers · VPN & firewall

AI & workflow: Claude Code and Codex (directed by spec) · multi-agent workflows with approval gates · Workers AI · AI evals · locally hosted LLMs (Qwen) · Obsidian + Git PMO

Certifications: CompTIA Security+ · TryHackMe Cyber Security · freeCodeCamp Web Design

Education: BMus (Hons) 2:1, GRNCM, Royal Northern College of Music · **Clearance:** previously SC cleared, not active

OUTSIDE WORK

Volunteer sound engineer at a community café · Charity concert producer (£2,000+ raised) · Violinist and composer · 2002 to 2006: session musician for Trevor Horn (Shrek 2, Seal)

HOW I WORK BEST

Set me a task. I'd rather show you than tell you. I do my best work with clear written priorities, defined ownership and space to focus.