Cian McCaul

Computer Science student at DCU · Dublin, Ireland

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An internship · Available Jan–Sep 2028 (DCU INTRA placement)
Year 2 of 4, graduating Apr 2029 · EU citizen (Irish) · Will relocate

Experience

Systems and operations, BodyMed Healthcare (Rehabilitation Clinic of the Year 2026), Dublin — Aug 2024 – Present

Reception and the clinic's social media, and grew from admin into running its digital side.

- Built a clinic operations platform with AI coding tools (Next.js, Stripe Connect, Cliniko, Twilio): booking, payments, waitlist, KPIs and team tools; 90 API routes, 438 tests; live since October 2026.
- Rebuilt the live booking site's treatment and practitioner selection as simple dropdowns after therapist feedback.

Head Coach (previously Assistant Coach), Rugbytots Ireland, Dublin — Nov 2023 – Present

- Coach about 40 children a term across 4 Saturday classes, directing an assistant coach so sessions run smoothly.
- Work with parents; around 80% of families re-enrol each term, and most who leave have outgrown the age range.

Transition Year — 2022–23

- SAP: two-week placement, learning the tools and skills SAP staff use.
- Progress Systems Ltd: two-week placement with an interview-skills course and time in each department of a firm that builds software for Irish credit unions.
- St Paul's College: school IT team, maintaining laptops weekly and teaching older people to use phones (Age Action).

Projects

BodyMed Hub · Next.js 15, React 19, TypeScript, Stripe Connect — github.com/cianmccaul/clinic-platform-demo

- Built a pay-at-booking system on Cliniko and Stripe for a physiotherapy clinic, live since 30 October 2026.
- Designed a pay-then-book flow with slot holds, idempotent webhooks and automatic refunds, so a patient is never left paid but not booked, or booked twice.
- Wrote a failure-mode analysis, test plan, runbook and 8 architecture decision records before launch.

AI email triage · Next.js, TypeScript, Llama 3.3 via Groq, Zod — github.com/cianmccaul/email-triage-demo

- Built a prototype that sorts clinic email into four folders, drafts replies and learns from staff edits.
- Its rule-based sorter filed all 12 labelled test emails correctly on repeated runs, with a red-flag check and 37 tests.

Jarvis site monitor · Node.js, GitHub Actions, Groq, Playwright — github.com/cianmccaul/site-monitor

- Built a monitor that checks sites every 15 minutes, explains outages with an LLM and opens small fix pull requests.
- Enforced five guard rails in code: pull request only, one file, 15 changed lines or fewer, scoped token, fail closed.

Education

BSc in Computer Science, Dublin City University · First Class Honours in first year (2025–26) — 2025–2029 (expected)

Leaving Certificate, The Institute of Education — 2023–2025

Junior Cycle and Transition Year, St Paul's College, Raheny — 2019–2023

Skills

Languages	TypeScript, JavaScript, Python, HTML, CSS
Frameworks and libraries	Next.js, React, Astro, Flask, Tailwind CSS, Zod, pandas
Platforms and APIs	Stripe Connect, Cliniko API, Postgres, Redis, Supabase, Twilio, Resend, Groq, Vercel, GitHub Actions
Testing	Vitest, pytest, Playwright

Awards and activities

FIRST LEGO League hackathon, Dublin City University · lead coder for my team — Nov 2026

Interests: Football, cricket, running and the gym, travel, volunteering