Jake Mackie

Full-Stack Developer · Penzance, Cornwall

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Profile

Full-stack developer with two years of agency experience shipping production WordPress sites for 25+ clients. I turn Figma designs into fast, accessible sites in PHP, JavaScript and Tailwind CSS, and build the reusable Gutenberg blocks that let content teams run them without a developer. Outside work I ship my own products, including a serverless Discord app on Cloudflare and a .NET desktop app with automated releases. Level 4 Software Developer apprenticeship, graded Distinction.

Highlights

- **25+ client websites** shipped or maintained at a digital agency, from charities to B2B tech firms
- **50+ reusable Gutenberg blocks** built from Figma designs and used across commercial sites
- **6,900+ GitHub contributions** since 2024, across client and personal work
- **Distinction** in the Level 4 Software Developer apprenticeship, on every graded component

Technical skills

- **Languages:** PHP, JavaScript, TypeScript, C#, Python, SQL, HTML, CSS
- **WordPress:** custom themes, Gutenberg Block API, Advanced Custom Fields, WP REST API, template hierarchy, WordPress Coding Standards
- **Frameworks:** React, Next.js, Vue, Astro, Hono, .NET, Tailwind CSS
- **Cloud and data:** Cloudflare Workers, D1, R2, Docker, REST APIs and webhooks (GitHub, Discord)
- **Delivery:** Git, pull requests and code review, GitHub Actions CI/CD, automated testing (Vitest)
- **Practice:** responsive and accessible UI, performance optimisation, component-based design, Agile, Figma handoff

Experience

Hiyield · Full-Stack WordPress Developer (Apprentice)

June 2024 – July 2026 · B Corp digital agency · Truro (hybrid) · WordPress team

- Shipped features across **25+ client websites** in a small Agile team, from new builds to ongoing support and improvements.
- Turned Figma designs into **50+ reusable Gutenberg blocks** in PHP, JavaScript and Tailwind CSS, so clients could build and edit pages without a developer.
- Built flexible content models with Advanced Custom Fields, the WP REST API and the template hierarchy, cutting one-off templates in favour of configurable components.
- Delivered production work through Git branches, pull requests and peer code review, and kept to WordPress Coding Standards.
- Contributed to GitHub Actions CI/CD pipelines, and brought in AI-assisted tooling to speed up implementation, debugging and review.

Selected clients (3 of 25+):

- **Friends of the Lake District** · www.friendsofthelakedistrict.org.uk
  Charity. Reusable blocks and content tools for campaigns, advocacy pages and member resources, so staff can publish without developer help.
- **Skentel** · www.skentel.net
  IT services. Page-building components that present a complex service range consistently.
- **LeftBrain** · www.leftbrain.io
  B2B technology. A component-based content structure for service pages, case studies and thought-leadership content.

Royal Cornwall Hospitals NHS Trust · IT Work Placement

February 2023 – February 2024 · Cornwall IT Services (CITS) · Truro (hybrid)

- Year-long placement with Cornwall IT Services, the IT provider for the NHS in Cornwall, working in system administration.

Earlier roles

- **Sainsbury's** · Retail Assistant (March 2023 – May 2024): stock control, customer enquiries and shop-floor standards.
- **Tesco** · Dotcom Personal Shopper, part-time (June 2022 – December 2022): picked and prepared online orders against delivery slots.

Projects

- **Dispatch** · github.com/dispatch-hq/dispatch
  TypeScript, Hono, Cloudflare Workers, D1, R2, Astro. A serverless Discord app that turns community bug reports into structured GitHub issues, with a staff triage queue, upvotes, reporter reputation and automatic fix notifications. Built with verified GitHub sign-in, versioned SQL migrations, Vitest tests and separate beta and production environments.
- **ReSkate Trainer Updater** · github.com/jakemackie/ReSkateTrainerUpdater
  C#, .NET. A Windows desktop app that installs and updates a game mod in one click, with automatic backups and rollback. Every download is checked against a signed manifest and its SHA-256 hash. Ships through a GitHub Actions release pipeline as an installer, a portable build and a Scoop package.

Education

Level 4 Software Developer Apprenticeship: Distinction · Baltic Apprenticeships · 2024 – 2026

Distinction in the work-based project, the portfolio-based professional discussion, and overall. Verify at digitalcredentials.cityandguilds.com/74998e53-839b-48fa-bda9-431f368751b8

Truro & Penwith College · 2021 – 2024

- T-Level in Digital Production, Design & Development: Merit, with a Distinction in the occupational specialism
- BTEC Level 2 Information & Creative Technology: P2
- GCSE Maths: 4

Mounts Bay Academy, Penzance · 2016 – 2021

GCSE English Language: 7 (Spoken Endorsement: Merit) · IT BTEC Level 1: Distinction · Creative iMedia: P2