Lyndon Purcell

Developer-tooling engineer — static analysis, language tooling & developer experience

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SUMMARY

Senior engineer specialising in developer tooling — static analysers, language servers, formatters, and CI/CD automation. I work upstream: I ask whether something needs building before how, and I'm proudest of the work that removes friction for other engineers. Go · Python · JavaScript/TypeScript.

SKILLS

Specialties: Static analysis · Language tooling (LSP, formatters) · CI/CD · Developer experience · Automation · Large-scale migration

Languages: Go, Python, JavaScript/TypeScript, C#, PHP, SQL

Tools: AWS · Git / GitHub Actions · Redis · Meilisearch · Flask · Laravel · Vue · PyTest / PHPUnit · Neovim

EXPERIENCE

Pathify — Software Engineer Jan 2025 – Present

Senior Software Engineer (Feb 2026–present); Software Engineer (Jan 2025–Feb 2026) · Integrations · Remote

- Built and own the **developer-tooling suite** for Pathify's in-house config language: **Preheat** (Go static analyser + rapid-feedback tool), **Splash** (language server / LSP), and **Stir** (formatter) — taking a tooling-less DSL to IDE-grade tooling.
- Preheat is adopted by the **entire 6-engineer team**, runs in CI/CD and locally, and catches errors before runtime; teammates called it "a game changer" and "one of the most impressive tools we have."
- Built automation tooling (recipe upgraders, CI/CD version-checking, a sweeps library for batch updates), eliminating repetitive work across **hundreds of integrations and thousands of files**.
- Drove large-scale migrations and refactors, including a **~1,100-file** recipe-catalog overhaul — migration scripts, coordinated workflows, minimal downtime.
- Maintain the team's **CI/CD pipelines and deployments**; introduced reusable Python actions to cut merge conflicts and prevent incorrect version increments.
- Led **user provisioning**, Pathify's most complex integration; delivered the Jenzabar integration, unblocking ~15% of the market.

OK200 Software & Apps — Software Engineer Sep 2022 – Dec 2024

Melbourne, VIC

- Designed and shipped features across a **dozen+ SaaS products** — API design, AWS storage, asynchronous task processing, notifications, and testing.
- Owned back-end work on event-driven systems and scalable APIs; built interactive front-end components; collaborated on cross-repo review and GitHub Actions CI/CD.

Australian Bureau of Statistics — Operations Analyst Jan 2022 – Jul 2023

Geelong, VIC

- Data analysis, visualisation, and automation scripting to streamline collection and reporting. Promoted within six months.

PROJECT

Stem — Coaching SaaS (solo-built, in development) Go · SvelteKit · Flutter · PostgreSQL

- Architected a **multi-tenant Go API** (Chi, sqlc, pgx, PostgreSQL) — per-tenant isolation at the query layer; JWT auth with short-lived access tokens and rotating refresh tokens (stolen-token reuse detection); two-sided Stripe + Stripe Connect payments; presigned-S3 assets.
- Built and own the full product end-to-end — Go backend, SvelteKit (Svelte 5) web dashboard, and Flutter (Riverpod) mobile app.