

Dylan Ironside

Coralville, IA (Remote) · dylan@dylanironside.io · dylanironside.io · github.com/IronsideXXVI

Applied AI engineer building LLM agents, internal tools, and backend systems. Created Super Hornet, an AI agent platform, and used it to automate Braid Health's second-opinion drafting, with a radiologist approving every case.

EXPERIENCE

Creator & AI Engineer, Super Hornet · Independent project · super-hornet.com 2024 – Present

Multi-provider AI agent platform, written entirely by AI coding agents under my direction; I own the architecture, 336 decision records, review, and quality gates (~8,700 tests). Sole user; closed beta planned. 10B+ tokens in one week (self-reported).

- Unified OpenRouter (400+ models), the Claude Agent SDK, and Codex behind one model catalog, tool interface, and durable event log, with OpenRouter's routing, fallbacks, and zero-data-retention filters.
- Made agent runs durable: server-side workers own model calls and tool loops, so work survives closed browsers and planned deploys, resuming from an ordered Postgres event log.
- Replaced token-estimate compaction, which behaved inconsistently across providers, with hierarchical summaries that run only when a provider rejects a request as too large.
- Built a self-debugging loop: given a failing conversation's ID, an agent with its own test account pulls bounded diagnostics, reproduces the failure in the live app, and proposes a fix. Live test suites exercise all three providers.
- Designed agent security: per-operation GitHub credentials with server-side permission checks, a microVM per conversation, encrypted secrets, SSRF-protected services, and configurable approval gates for compute tools.

Senior Technical Support Specialist, Braid Health · Remote Oct 2022 – Present

~10-person AI teleradiology startup; half engineering (AI workflows, internal tools, infrastructure ops), half support.

- Built Braid's \$199 radiology second-opinion drafting workflow on Super Hornet (live since May 2026): intake and prior reports become a case presentation for the chief radiologist, and his findings become a patient-friendly report. Drafting takes seconds instead of hours of manual ChatGPT work; ops leadership adopted it after a demo.
- Wrote prompts that flag missing reports, stop on mismatched patient records, and separate report findings from patient claims. Data stays in an isolated OpenAI workspace under a HIPAA BAA; a radiologist approves every case.
- Operate the existing CouchDB replication on GKE and lead outage response: a sync engine per org (~10) moves X-rays from clinic hubs through a PHI-filtering proxy to radiologists across tens of thousands of per-user databases. Built Datadog synthetic tests and alerts; added a revision cap after runaway documents halted syncing.
- Built Bucket+, a desktop app 3 support staff use daily to bulk-download, unzip, dedupe, and sort patient imaging from Google Cloud Storage, replacing one-by-one downloads of unlabeled folders (hundreds of patients).
- Handle most of the 20–50 daily Intercom tickets on a support team of one or two; track bugs in Linear, repair patient records, and onboard new clinical customers. Built Intercom workflows, macros, and saved replies.

OPEN SOURCE

Hacker News for macOS: Show HN front page (265 pts), #7 Product of the Day on Product Hunt, 400+ stars, 2,700+ downloads; shipped 34 releases in 8 days through a signed, notarized auto-update pipeline.

EARLIER EXPERIENCE

Assistant Blockchain Developer, NFTNT · 2022: helped build WAX NFT backends for Trailer Park Boys and King Kong.

Support & sales · 2016–2021: TaxAct, Businessolver, Verizon (Salesforce), Best Buy, Ruffalo Noel Levitz (CRM).

SKILLS

AI / LLM	Agent harnesses, multi-provider LLM routing, prompt and guardrail design, directing AI coding agents
AI tools	OpenRouter, Claude Agent SDK, Vercel AI SDK, OpenAI, Claude Code, Codex, Cursor
Stack & infra	TypeScript, Python, Swift, Next.js, React, PostgreSQL, CouchDB, Docker, Kubernetes (GKE), E2B
Ops & quality	Datadog, Sentry, Playwright, Vitest, self-hosted CI, Intercom, Linear, Postman

EDUCATION

Kirkwood Community College, associate's degree coursework · 2020–2021

Coe College, liberal arts coursework · 2018