

KYLE BARTLETT

AI Automation Engineer · Builder of Production AI Apps

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PROFESSIONAL SUMMARY

Solo AI builder who ships real production applications, from a scoping call to a deployed product, on the AI-assisted stack. I live in Claude Code and Cursor daily, run long agentic sessions, and can debug a stuck run without restarting it. I've shipped 13 live web apps (2 more in beta) and a seven-agent orchestration framework running more than 20 autonomous jobs in production. Equal parts hands-on engineer and the person a non-technical owner can actually talk to, drawn from 15 years as a supply-chain operator before AI. I own the full stack, self-host my own infrastructure, and make every architecture and trade-off call myself.

CORE STACK

- **Agentic build tools:** Claude Code (CLI, primary surface), Claude Desktop / Cowork, Cursor (composer and agent mode), Replit, Lovable, MCP
- **Web:** Next.js, React, TypeScript, Vercel (middleware, env vars, build debugging)
- **Backend & data:** Supabase (auth, row-level security, edge functions), self-hosted Postgres, RAG and vector databases
- **Automation:** n8n and Make multi-step pipelines with branching, retries, and error handling; Airtable (CRM modeling, views, automations, interface pages); GoHighLevel; Google Apps Script
- **Agentic AI:** multi-agent orchestration, tools and function calling, retrieval and planning, guardrails, fallbacks, human-in-the-loop, prompt management, output evaluation
- **Infra & delivery:** GitHub (frequently the only committer), self-hosted Forgejo + Coolify, CI/CD, Telegram bot workflows

EXPERIENCE

Bartlett Labs · Houston, TX

Jan 2025 – Present

Founder & AI Engineer

- Solo-build AI automation studio: scope with non-technical owners, deliver a working POC inside a week, and ship production apps end to end. No PM, no spec doc, no design hand-off.
- Built a seven-agent orchestration framework running more than 20 autonomous jobs with tools, retrieval, guardrails, fallbacks, and human-in-the-loop review; 226 features shipped autonomously.
- Built and deployed 13 live web applications, with 2 more in beta, on self-hosted infrastructure with full CI/CD.
- Made the architecture call to move off Vercel and Supabase to self-hosted Forgejo and Coolify once hidden costs stacked up, cutting recurring spend and keeping full data ownership.
- Shipped ZipWise, RepBot, and Council AI from idea to live product solo. RepBot is a multi-tenant AI voice receptionist that books appointments and sends SMS with human-in-the-loop review.

Anker · Remote (US)

Sep 2024 – Jul 2026

AI Automation Manager

- Promoted from Demand Planner into an AI enablement role; drove company-wide AI adoption to #1 of 200 through onboarding, training, and enablement that turned individual experiments into standard practice.
- Built and maintained a production LLM assistant (RAG over an internal knowledge base) used daily across teams, with weekly evaluation, prompt management, and output review.
- Architected an internal multi-agent automation platform running more than 20 autonomous jobs, plus 10 internal AI applications adopted across teams.
- Established AI governance and tooling standards, including approved workflows, data-validation guardrails, and reusable patterns, across a global US and China organization.
- Built over 300 automation projects in under two years, including a 50-script Google Apps Script platform covering email ingestion, validation, and executive dashboards.

Apple, Inc. · Austin, TX

Nov 2019 – Aug 2024

Supply & Demand Planning Manager

- Led iPad supply chain across all retail stores and carriers, achieving 100% fill rate on 3 major product launches.
- Presented 48-week rolling forecasts to C-suite partners and cross-functional leadership, driving executive decisions.

Spartan Energy · Houston, TX

Apr 2019 – Nov 2019

Outside Sales Representative

- Second employee hired at a launch-stage retail energy provider; helped build the sales department from the ground up as the company scaled past 15 employees and expanded offices twice.

Belk, Inc. · Charlotte, NC

Mar 2018 – Apr 2019

Supply & Demand Planner

- Managed S&OP forecasts across more than 1,000 SKUs and 70 vendors; drove 60% growth in the men's shoe department through data-driven planning.

Sears Corporation · Hoffman Estates, IL

Jan 2014 – Mar 2018

Team Lead / Inventory Planning Manager

- Promoted to lead a team of 10 across \$120M in retail receipts and \$52M in sales at 99.95% accuracy; ran an 18-month departmental merger and consolidated 4 roles into 1.

SELECT BUILDS (my own products)

- **Multi-agent orchestration framework (Bartlett Labs):** 7 specialized agents, more than 20 autonomous jobs, 226 features shipped; self-hosted, with guardrails and human-in-the-loop.
- **RepBot (Bartlett Labs):** AI voice-receptionist agent that books appointments and sends SMS; multi-tenant and HIPAA-ready.
- **ZipWise (Bartlett Labs):** field-sales planning app (web + iOS/TestFlight) that turns target zip codes and company criteria into a prospect list and an optimized quarterly visit schedule; works fully offline with pre-meeting briefs, cached GPS, and live nearby-prospect drop-in suggestions when a meeting cancels or ends early.
- **Council AI / Conclave (Bartlett Labs):** multi-model agentic orchestrator. Takes a video link, dispatches sub-agents across frontier models (Claude, Gemini, GPT/Codex) to each draft an implementation plan, then a top-tier Claude "head of council" synthesizes the best parts into one plan and executes and configures it on the user's machine.

EDUCATION

Purdue University · BS, Engineering & Industrial Management · West Lafayette, IN · 2008 – 2013. Minors: Aeronautical Engineering, Science, Math, Technology.

DePaul University · Graduate studies in Business Administration (18 credits toward MBA) · 2016 – 2017.