

DANIEL GRAHAM

Forward-Deployed Engineer · Production AI, Industrial Systems & Enterprise Integrations

Palm Coast, FL · Remote or Florida hybrid · daniel@agenthiveinc.com

linkedin.com/in/daniel-graham-92057a15 · github.com/PalmCoast · hire-daniel-graham.netlify.app · agenthiveinc.com · firstdeploy.ai

SUMMARY

Forward-deployed engineer and AI consultant who scopes operational problems with operators, builds production systems, and stays accountable through deployment and handoff. About two years of hands-on GenAI/LLM production work, most recently a 90-day FDE engagement for a commercial heavy-equipment / construction client: ChatGPT Enterprise and Claude Enterprise rolled out company-wide, plus production AI applications integrated with Trimble Vista, B2W, Samsara, and Propeller Aero. Hands-on in Python and TypeScript/Node.js, with a focus on evals, guardrails, and agent security. Behind that, 20+ years of enterprise delivery across manufacturing, healthcare, and industrial environments (Eli Lilly, Humana, Southwire, Simon Property Group, State of Indiana). Claude Certified Architect – Professional. US Army veteran (held Top Secret clearance).

Live work: firstdeploy.ai · agenthiveinc.com · jobproof.firstdeploy.ai · askyard.firstdeploy.ai · aipricingcalculators.com · netyard.firstdeploy.ai · flick.firstdeploy.ai · indexme.lol · bot-lock.netlify.app + github.com/PalmCoast/bot-lock

HOW I BUILD WITH AI (DAILY TOOLING & METHODS)

- **Industrial and customer delivery:** start with the operator's goals; scope live operational problems with client stakeholders, define constraints and success criteria, integrate enterprise platforms, ship working applications, and fold reusable patterns into later builds.
- **Enterprise rollout:** deploy ChatGPT Enterprise and Claude Enterprise with platform setup, governance, and enablement; build leadership dashboards and connect operational systems.
- **Multi-agent operations:** delegate self-contained briefs (goal, constraints, success criteria) to specialist agents; review the work and personally approve anything customer-facing, contractual, or money-moving.
- **Build and ship:** develop in Cursor (IDE and cloud agents) and GitHub; review and merge pull requests; deploy through deploy-on-push CI or the command line (Netlify CLI, gh, git) to Netlify. Manage rollbacks, domains, DNS, and SSL; Stripe Checkout and webhooks.
- **MCP and agent security:** build MCP connectors for Gmail, GitHub, Stripe, AgentMail, and Google Calendar. Built **Bot Lock**, an open-source (MIT) TypeScript MCP server with 14 tools: Ed25519 agent identity, AES-256-GCM vault, hash-chained audit log, deny-by-default scope checks, and a kill switch; Vitest suite passing.
- **Quality and evaluation:** Playwright and browser/computer-use agents for QA screenshots, form flows, and console checks; smoke tests, golden-question evals, citation checks, guard tests, and multi-LLM audits before anything ships.
- **AI platforms and voice:** xAI Grok, Anthropic Claude, OpenAI, and Gemini behind a provider-agnostic wrapper; built an xAI Grok voice front desk with guardrail prompts and a daily transcript-review routine.

EXPERIENCE

Founder & AI Consultant — AgentHive Inc. / First Deploy AI

Palm Coast, FL · Feb 2025 – Present

- Scope client problems with operators, build and deploy the system, and support it in production; currently supporting active clients.
- **Ren Water** (water treatment manufacturer): client website and operations tools built and in production.
- **First Deploy AI:** delivered an after-hours AI voice line and live applications for field operators; the live qualifier line serves as a working demo.
- Built and shipped a product line end to end (application code, deployments, Stripe checkout, SEO, inbox operations): JobProof, AskYard, GuyThread (Next.js), NetYard, Flick, IndexMe, AI Pricing Calculators, ClueLySafe, SocketSnap, and Bot Lock.
- Published Bot Lock MCP as open-source software, with a playbook and policy templates for least-privilege agents.
- Selected for a **private Stripe beta** (May 2026): co-designed a new token-selling / usage-billing method directly with the Stripe team and launched it in production on AI Pricing Calculators (aipricingcalculators.com).
- Selected for a **private frontier-model team beta** (2026, current): hands-on testing and feedback on a new, unreleased private model version under NDA.

Forward-Deployed Engineer, 90-Day Engagement — Commercial heavy-equipment / construction client (via First Deploy AI)

2026

- Worked with the Director of Construction Technology and executive leadership to identify and solve live operational problems, feeding reusable patterns back into First Deploy.
- Deployed **ChatGPT Enterprise and Claude Enterprise** company-wide, covering platform setup, governance, and enablement.
- Shipped **multiple production AI applications** across accounting, sales, and operational intelligence; systems left running for client use.
- Integrated **Trimble Vista ERP, B2W, Samsara, and Propeller Aero**, and built leadership dashboards for operational and financial visibility.

Technical Project Manager — KloudStax (GCP Premier Partner)

Remote · Aug 2025 – Feb 2026

- Rebuilt a broken PMO into full-lifecycle visibility; built a Salesforce-to-Smartsheet pipeline for real-time leadership tracking.
- Built a custom GPT copilot inside Smartsheet for AI-assisted planning, status generation, and data synthesis.

Senior IT Project Manager — Fortitude Systems (Contract, Help at Home)

Remote · Apr 2023 – Dec 2024

- Led company-wide **Okta** IAM and SSO via Active Directory, onboarding hundreds of applications and enabling self-service provisioning.
- Drove SSO adoption across acquired healthcare companies to **76.6% completion**, with nearly all critical applications behind Okta and SSO.
- Led an AWS server migration and a large-scale telecom deployment and post-merger conversion (network, customer management, billing); cut stand-ups from 10–20 per week to 2–3.

Earlier Career

- **JDC Group / Southwire** — Sr. Program Manager, OT/IoT: greenfield OT network and ICS security (2021–23)
- **Tata Consultancy Services** — SAFe 5.1 delivery at Eli Lilly and Humana; Power BI for global pharmaceutical manufacturing (2019–21)
- **Randstad / Eli Lilly** — Cisco ISE network security across LRL (2017–19)
- **Anchor Point / Simon Property Group** — Cisco Meraki deployment to 120 malls (2015–17)
- **State of Indiana** — infrastructure across 92 county offices and 700 staff (2011–15)
- **US Army** — Special Weapons; held Top Secret clearance (1986–88)

CERTIFICATIONS

Claude Certified Architect – Professional (Anthropic, Jul 2026) · SAFe 5.1 Agilist (SA) · Google Prompting Essentials (Apr 2025) · Intro to Generative AI (AWS Skill Builder) · Google Cloud Digital Leader (coursework)

TECHNICAL SKILLS

- **AI & agents:** multi-agent orchestration · MCP (build + integrate) · Cursor · cloud agents · browser/computer-use agents · xAI Grok · Anthropic Claude · OpenAI · Gemini · ChatGPT Enterprise · Claude Enterprise · voice AI · prompt engineering · production evals · fact-checking · guardrails · AI security
- **Build:** Python · Bash · JSON · Markdown · TypeScript / JavaScript · Node.js · Next.js · Netlify Functions · REST APIs · webhooks · Vitest · Playwright · Git · GitHub · GitHub CLI (gh)
- **Ship:** GitHub pull requests · CI/CD (deploy-on-push) · Netlify · Netlify CLI · DNS / SSL · Stripe (Payment Links, Checkout, webhooks) · AgentMail · SEO
- **Enterprise & industrial:** ERP integrations · Trimble Vista · B2W · Samsara · Propeller Aero · ServiceNow · Okta · SSO · Active Directory · AWS · GCP · OT/ICS · Salesforce · Smartsheet · Power BI · Cisco ISE · Cisco Meraki · SAFe 5.1