Owen Tanner

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Summary

Founder and full-stack engineer who ships real products fast. Designed, built and launched four live products solo across web and iPad (an EE learning platform, an MCAT prep platform, an AI notebook app and a trading terminal), owning everything from database design and auth to payments, on-device AI and growth.

Skills

Languages: TypeScript, JavaScript, Swift, Python, SQL, C/C++, HTML/CSS, Verilog, VHDL
Frameworks & Infra: React, Next.js, Vite, Vercel, PostgreSQL, Supabase (Auth, Row-Level Security), REST APIs, Stripe, Apple In-App Purchases, Sign in with Apple, LLM APIs, Apple Intelligence, PostHog analytics
Tools: Git, VS Code, AI coding agents, FPGAs, Quartus, KiCad, Fusion 360, Adobe Creative Suite

Founder & Software Engineer | 4 live products, solo-built end-to-end · 2026 – Present

LearnEE | *learnee.app · Gamified electrical engineering course with a live circuit simulator (web + iOS)* Oct 2026 – Present

- Built a "Duolingo for electronics" with **240+ interactive experiments across 35 worlds and 10 subjects**, from Ohm's law to PID control, RF and a CPU wired gate by gate, each graded by an in-browser circuit simulator.
- Launched to **600+ unique visitors, 31K+ tracked events and 134 sign-ups (~22% conversion) in 4 weeks**; learners finished **1,700+ lessons** and **660+ challenges**.
- Monetized with a $6.99/mo Pro tier, unifying **Stripe (web)** and **Apple In-App Purchase (iOS)** into one entitlement model and landing **paying subscribers within 30 days**.
- Engineered XP, streaks, energy, **weekly leagues**, referrals and an **AI tutor** on a 19-table Supabase/PostgreSQL schema with **row-level security on every table** and Sign in with Apple.

five28 | *five28.app · Gamified MCAT prep platform · Next.js, React, TypeScript* 2026 – Present

- Built a full MCAT prep platform covering **all 4 exam sections across 8 courses**, with a **9,000+ question bank**, Daily CARS passages, flashcards and **timed full-length exams with diagnostic score reports**.
- Designed a skill-tree learning engine (course → unit → skill → 5 mastery levels, plus "boss" passage sets) with spaced resurfacing of missed questions, streaks, XP and leagues, and a personalized study-plan onboarding funnel.

Scribba | *scribba.app · Native iPad note-taking app on the App Store · Swift, Apple Intelligence, PencilKit* 2026 – Present

- Shipped an iPad notebook that records lectures while you write and **syncs every pen stroke to its audio timestamp**, so tapping any line replays that moment with live ink highlighting.
- Used **on-device Apple Intelligence** to generate key points, flag gaps in notes and answer questions from recordings, with **zero servers, accounts or trackers**; added spaced-repetition flashcards with Quizlet/Anki export, 39 page templates, PDF import and iCloud sync.

Stupid Simple Trader | *stupidsimpletrader.com · Stock & crypto analysis terminal · React, Vite, Vercel* 2026 – Present

- Built an ad-monetized (Google AdSense) market terminal for stocks and crypto with a live ticker, heat map, screener and earnings calendar, turning RSI/SMA indicators into a one-glance **bullish/bearish signal plus an AI-generated summary**.

Experience

IT Technician May 2025 – Present
Seattle University Information Technologies *Seattle, WA*

- Implemented a tiered troubleshooting protocol that streamlined support workflows and reduced ticket resolution time.
- Led technical training for staff and students during a campus-wide system migration, accelerating adoption of the new environment.

Founder June 2024 – Sept 2025
Blue Ridge Bear's Window Washing *Seattle, WA*

- Founded and scaled a window washing business to **100+ clients in its first summer**.
- Wrote and tested a door-to-door sales script that drove a **300% increase in sales**.

Contractor June 2019 – Sept 2023
Tanner Construction *Seattle, WA*

- Delivered end-to-end residential remodels, from demolition and structural work to final build-out.

Education

Seattle University Expected June 2028
B.S. in Electrical Engineering, Minor in Mathematics *Seattle, WA*