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Frontend Development

React.js (9+ yrs)

Next.js (6+ yrs)

TypeScript (6+ yrs)

TailwindCSS (3+ yrs)

Redux (8+ yrs)

Stripe (5+ yrs)



Backend Development

Next.js API (2 yrs)

Node.js (9+ yrs)

ERD Design (9+ yrs)

Prisma ORM (2+ yrs)

PostgreSQL (9+ yrs)

AWS (5+ yrs)



User Experience Design

Wireframes (8+ yrs)

Interactions (8+ yrs)

UI Branding (6+ yrs)

Figma (6+ yrs)



Project Lead & Agile

Lead Dev (5+ yrs)

Dev Manager (5+ yrs)

Agile Sprints (6+ yrs)

Roadmapping (5+ yrs)

Ticket Writing (5+ yrs)

Summary

Hi, I'm Taylor — a technologist who operates at the intersection of systems thinking and creative intuition. I'm as obsessed with how a product feels as how it's architected, and I move fluidly across the full spectrum: from scoping and ideation, to system design and architecture, to development, to the marketing and user experience that determines whether any of it lands.

I've developed a CTO-level instinct for translating business goals into precise technical decisions — scoping what the business actually needs, sequencing what gets built and when, and establishing the conventions that keep small teams building ambitious things without accumulating debt. That discipline is something I've refined across nearly a decade of founding-engineer and fractional CTO environments, having personally taken products from 0 to production nine times.

My background spans consumer marketplaces, AI-powered creative platforms, healthtech, e-commerce infrastructure, and data-driven discovery systems. I'm equally comfortable designing the architecture on Monday and shipping features on Friday.

Highlights

- ★ **Founding Engineer at Everbook:** Built an AI-assisted storytelling platform (from the founder of Looka and VentureKit), leading full-stack development from ideation to production with real-time voice interviews and print-ready generation.
- ★ **Led the rebuild of a top medical calculator:** Successfully coded the majority of the redevelopment of the world's 2nd leading medical calculator app, achieving zero reported production bugs after extensive QA and testing.
- ★ **Built a complex e-commerce marketplace:** Created an Etsy-like marketplace from ideation to production, recruiting over 30 sellers, managing up to 12 part-time employees, and writing 95% of the codebase.
- ★ **Tech Pilot at a design agency:** Hired to spearhead development projects for an innovative dev and design agency.
- ★ **Led 13 BCIT ISSP computing cohorts (2021–2025):** Guided students through detailed project specs and tutorials, conducted code reviews, refined requirements, and optimized workflows to achieve real-world development outcomes each term.

Experience



Stealth Company

Fractional CTO & Tech Lead • March 2026 to June 2026

➤ **Fractional CTO Engagement:** Embedded as fractional CTO for a multi-entity family office — owning full technical strategy, stack selection, and architecture across a unified platform serving five business entities with distinct operational domains.

➤ **Technical Debt Intervention:** Brought in to assess and redirect a stalling build in which AI-assisted development had produced a sprawl of disconnected apps across siloed databases — audited the existing codebase, defined carry-forward criteria, and reset the architectural foundation before further development continued.

➤ **Database Centralization & Normalization:** Consolidated the fragmented systems into a single source of truth — designing a normalized schema from the ground up on a shared Prisma/ Supabase/PostgreSQL layer, correcting the architectural decisions the earlier AI-assisted build had baked in, and unifying everything into one Turborepo monorepo and operational headquarters.

➤ **AI-Assisted Development Governance:** Authored the engineering conventions, schema standards, and implementation SOPs that keep Claude Code and internal AI-assisted developers on-convention, consistent, and free of the architectural drift that had accumulated before.

➤ **Retreat Booking Engine:** Built the entire backend and sales layer for a retreat booking centre from scratch — modeling its non-standard room configurations, occupancy, and pricing rules, and handling booking use-cases a generic reservation system can't.

➤ **CRM & Automation Platform:** Designed and delivered a custom Attio-inspired CRM with role-based multi-entity access — including a Gmail-monitoring layer that classifies inbound mail (e.g., flagging investor threads), auto-routes leads from multiple sources into the right pipeline, and notifies the relevant team members, replacing manual workflows across retreat bookings, investor relations, and marketing.

Supabase

Turborepo

CursorAI

Claude Code

ERD Design

System Architecture

Fractional CTO



Pine Venture Studios

Senior Software Engineer (Founding Engineer) • Aug. 2024 to Oct. 2025

Everbook.com (Life Story publishing Q4 2025)

➤ **Technical Leadership:** Served as de facto technical lead, responsible for full-stack architecture, schema design, and deployment pipelines.

➤ **Product Delivery:** Delivered MVP → production in 6 months, then led a major re-launch introducing real-time AI voice-interview and multi-faceted e-commerce capabilities.

➤ **AI Interview System:** Developed a speech-to-speech video interview feature using OpenAI Whisper + Realtime APIs, integrating live audio capture, transcription, and recording for dynamic AI-guided conversations.

➤ **Page Generation Engine:** Engineered a rendering system that transformed AI-generated text into perfectly aligned, print-ready HTML/CSS layouts for Puppeteer-based PDF creation.

➤ **E-Commerce Infrastructure:** Built a multi-stage checkout flow supporting marketing, pre-purchase, and print-order pipelines for both digital and physical products.

➤ **Engineering Standards:** Authored engineering conventions, API standards, onboarding documentation, and code review processes as additional developers joined.

➤ **Code Quality & Stability:** Maintained a clean, stable schema and >99% production stability with negligible bugs or regressions.

➤ **Ownership & Execution:** Operated with full autonomy and minimal direction, driving design, development, and delivery across all product layers.

Core Tech Stack

Development Lead

OpenAI API

Stripe API

CursorAI



Agora Network Technologies

Technical Founder • Jan. 2021 to Apr. 2023, Sept. 2023 to March 2026

Agora Art (Current Side Hustle)

Version 3 – Hybrid Search Engine Marketplace (Sept 2024–Present)

➤ **Platform Vision:** Building a data-centric “virtual mall” connecting thousands of independent sellers across Etsy, Shopify, and beyond. Enables customers to explore styles across multiple marketplaces with direct click-through to original product pages.

➤ **Machine Learning Development:** Developed a custom ML recommendation engine using TensorFlow — leveraging site behavior, clickstream analytics, and curated styleguide preferences — through a partnership with BCIT and a co-op collaboration with SFU.

Version 2 – SaaS Artist Directory (Sept 2023–July 2024)

➤ **Strategic Pivot:** Shifted focus to a hybrid search engine model after confirming strong demand for aggregated discovery and data-driven personalization.

Version 1 – Etsy-like Marketplace (Jan 2021-Apr 2023)

➤ **Project Details:** An Etsy-like e-commerce marketplace for fashion & art vendors found at music festivals. Worked with industry-leading models and photographers, managed an Instagram account reaching 26,000 followers, and led up to 12 team members.

➤ **Software Development:** Authored approximately 95% of the functional codebase, often working between 60-100 hour weeks.

➤ **E-commerce Integration:** Integrated Stripe Connect, TaxJar, and 2Ship for a robust e-commerce process including payment handling, invoicing, and refunds.

Core Tech Stack

Development Lead

Postgraphile

Stripe API

Product Design

CursorAI



Pathfinder Studios

Tech Pilot, Business Development Senior Frontend Engineer

Oct. 2023 to Nov. 2023

May. 2023 to Nov. 2023

➤ **Project Lead:** Agreed upon initial hire that I was to elevate into the Tech Pilot / Project Lead role upon the completion of the current project and the acquisition of the next client. My involvement in business development began to help generate new business after current efforts did not deliver.

➤ **Systems Design:** Designed operational systems aimed at acquiring new clients and fostering long-term partnerships. Additionally, outlined our company's formal design process for onboarding new clients. Eventually employment concluded due to a lack of projects.

➤ **Project Details:** Hired to add velocity to get a project behind schedule into production. Delivered a participant-facing booking app for a bulk hotel platform, similar to Airbnb, ensuring pixel-perfect execution.

➤ **Autonomy:** Self-managed delivery, QA, and deployment, maintaining high stability.

Core Tech Stack

Development Lead

Apollo



QxMD (acquired by WebMD)

Frontend Engineer • Apr. 2019 to Dec. 2021

➤ **World-class Medical Software:** Led the development and maintenance of Calculate-next, a React web application of the world's 2nd leading medical calculator app, used in clinical environments around the globe. This included a live integration into Medscape, the world's longest tenured authority in medicine online.

➤ **Bug-free Production:** Working with WebMD's QA team, achieved a fully bug-free production app with no production bugs ever reported during a global pandemic. Testing efforts included a high unit test coverage and over a hundred Cypress integration tests.

➤ **Learn Course Modules:** Owned the Learn frontend application that supported clinicians in continuing their medical education.

➤ **Agile Sprint:** Actively participated in Agile sprints and design meetings as a vocal team member.

➤ **Leading of Read Rebuild:** Led the web-client rebuild of Read by QxMD before leaving the company.

Core Tech Stack

Development Lead

Jest/Enzyme

Cypress

QA