

Drake Paulsen

Founder & Chief Executive Officer — Impartial AI Tech Corp.

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Technical Skills

Frameworks

TypeScript, React, Next.js, React Native (Expo), Capacitor, Node.js, Express, Vite, Tailwind

AI / ML

Anthropic Claude, RAG, LLM integration, adaptive & recommendation engines, training on proprietary data

Data & Infra

PostgreSQL, MySQL, Prisma, Drizzle, Firebase / Firestore, WebSockets, Pusher, Stripe, AWS S3, Docker, Cloud Run, Railway, Cloudflare

Practice

Native iOS & Android, real-time systems, problem-first scoping, shipping to production, maintainable & handoff-ready systems

Domains

EdTech / LMS · CRM · Hospitality · Field Sports · Cannabis Retail

Author

Adaptive Intelligence: Redesigning Education for the Individual — redesigning education around the individual learner with AI.

Selected Writing

Why Most AI Implementations Fail

What Custom AI Actually Costs

What Is an AI-Native LMS?

AI Agents in Production: What Actually Breaks

Full archive — drakepaulsen.com/articles

Summary

Founder, CEO, and hands-on builder at Impartial AI Tech Corp., a Jacksonville technology company that ships custom AI systems, enterprise platforms, and native mobile apps to production. Engineering spans custom AI/ML — training on proprietary data, retrieval-augmented generation (RAG), LLM integration, and AI agents in production — alongside native iOS/Android, web, real-time, and geospatial applications. Works problem-first: ships small measurable builds and iterates from real results. Creator of five production products and author of a book on AI in education.

Experience

Founder & Chief Executive Officer

Impartial AI Tech Corp. — Jacksonville, FL

- Builds custom AI systems trained on clients' own data, enterprise software platforms, and native iOS/Android applications.
- Runs a problem-first engagement model: every project begins with a defined problem and measurable success criteria; the first deliverable is working software in production, not a strategy deck.
- Works directly with clients (no intake team), scoping small measurable first builds and iterating from real results.
- Founded and leads product development across a five-product portfolio, concept to shipped, maintained software.

Products & Platforms — Design & Engineering

Adaptive XI Intelligence — AI-native LMS on **Next.js / React (TypeScript)** with a **Prisma + MySQL** backend; real-time adaptive engine and curriculum generation powered by **Anthropic Claude**; NextAuth + WebAuthn passkeys, **Pusher**, AWS S3, Stripe; native iOS/Android via **Capacitor**.

Sempl (SemplCRM) — Multi-vertical CRM on **Next.js / React (TypeScript)** over **MySQL** with Stripe billing; one codebase relabels across six industries with an opt-in add-on architecture; Docker on Railway behind Cloudflare.

Freedom Bar Games — Live game-show platform: **React/TypeScript (Vite)** client shipped native via **Capacitor**; **Node + Express + WebSockets** server for real-time play; **Firebase/Firestore**, Anthropic Claude; Google Cloud Run.

Hunt+Gather — Native **React Native (Expo)** app for iOS & Android with TanStack Query and Zustand; **Express + Firebase** backend; geolocation mapping, harvest logging, trip planning, weather.

Novos Leaf — Cannabis discovery & tracking on **Next.js / React (TypeScript)** with **PostgreSQL via Drizzle** ORM, JWT auth, and **Anthropic Claude**.