

David Oladipupo

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Summary

Software engineer and technical cofounder who ships production systems end to end. Built and launched a consumer iOS app with a Claude-powered vision and recommendation backend on Supabase Edge Functions, and a multi-tenant AI voice intake agent validated through 30+ customer discovery calls. Comfortable owning a product from customer discovery through architecture, evaluation and deployment. Computer Science, University of Regina, graduating December 2026.

Technical Skills

Languages: Python, TypeScript, JavaScript, C++, SQL, HTML/CSS

AI / LLM: Claude API, Gemini, prompt engineering, structured outputs, tool calling, agent orchestration, vision-language models, RAG, evaluation sets, MCP (Model Context Protocol)

Backend & Data: Supabase (Postgres, Edge Functions, Auth), FastAPI, Twilio, REST APIs, PostHog

Frontend & Mobile: Next.js 14, React Native (Expo, Expo Router), Tailwind, NativeWind, Framer Motion

ML: PyTorch/TensorFlow fundamentals, scikit-learn, Pandas, NumPy, YOLOv8, Tableau, Power BI

Tooling: Git/GitHub, Claude Code, Vercel, Google Cloud, RevenueCat, TestFlight

Experience

Cofounder & Technical Lead — Synvora | Regina, SK | July 2026 – Present

Consumer skincare AI app (iOS + web), synvoraskin.com

- Built and shipped the full product solo as the technical cofounder: React Native (Expo, TypeScript) iOS app of 39+ screens, Next.js marketing site, and a Supabase backend, from empty repo to App Store launch in under four months.
- Designed a multi-stage LLM backend on Supabase Edge Functions: a three-angle vision scan, a cached verdict layer, a routine assembler, a safety gate, and a conversational coach with memory of prior scans and onboarding answers.
- Cut inference cost by routing by task — Claude Sonnet for vision analysis and product verdicts, Haiku for chat — and caching verdicts against a curated product database rather than re-querying per user.
- Constrained model output to visible-trait observations rather than diagnosis, a product-safety requirement that shaped the prompt contract and the App Store health-content rating.
- Built the product database to 108 curated Canada-available SKUs with engine metadata (fragrance-free flags, ingredient conflicts, pregnancy cautions), merging and cleaning source data from Open Beauty Facts and enriching it via the Claude API.

Founder — Pickup (AI Voice Intake Agent) | Regina, SK | August – Present

Multi-tenant AI receptionist for law firms and local service businesses — trypickup.dev

- Ran 30+ customer discovery calls with businesses across Regina, Saskatoon, Winnipeg, Calgary and Edmonton; identified and validated a specific failure — paid search leads dying at phone intake — confirmed independently by two law firms.
- Built a working voice agent demo that qualifies inbound callers and books consultations into the firm's calendar, deployed on Vercel with Google Cloud telephony.
- Architected the missed-call recovery MVP on Twilio, the Claude API, Supabase and a Next.js dashboard.
- Shifted from per-client builds to a multi-tenant self-serve platform after benchmarking against Vapi and Retell AI.
- Run direct outreach to target firms and handle technical pre-sales conversations with non-technical business owners.

Web Development Intern — RCCG Mount Zion Parish | Regina, SK | 2023 – Present

- Built and maintain the parish website, owning the content update workflow end to end.
- Currently building an automated LED-screen display system for lyrics, scripture and service countdowns.

Teaching Assistant, Microsoft Office & Graphics — IGT Tutors | Lagos, NG | 2022 – 2023

- Taught Office and Photoshop to 50+ students and provided one-on-one technical mentorship.

Selected Projects

Synvora — iOS App (*React Native, Expo, TypeScript, NativeWind, Supabase, RevenueCat*) Consumer skincare app with camera-based vision analysis and an LLM recommendation engine. 39+ screens, subscription billing, and a Supabase Edge Function backend. Live on the App Store.

Synvora — Launch Website (*Next.js 14, Tailwind, GSAP, Lenis, Framer Motion, Supabase*) — synvoraskin.com Cinematic marketing site with an SVG stroke-draw brand intro and a referral-position waitlist backed by Supabase. Built to a full SEO spec covering the Next.js Metadata API, JSON-LD structured data and Core Web Vitals.

Oriton Brace — Business Website (*Next.js, Claude Code*) Client website rebuilt from a Wix template into a custom codebase.

Education & Certifications

Computer Science — University of Regina | 2023 – December 2026 Relevant coursework: Data Structures, Algorithms, Software Engineering, Machine Learning, Embedded Systems (Arduino)

Certifications: IBM Machine Learning Professional Certificate — Supervised Learning, Unsupervised Learning, Deep Learning, Reinforcement Learning; IBM Python for Data Science; IBM SQL (7 certificates total)

In progress: IBM RAG and Agentic AI Professional Certificate