

Daniel Willis-Brown

Senior Software Engineer · Engineering Leader · Billing, Payments & Platform

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Canadian citizen · Eligible to work in the US under TN status (USMCA) — no visa sponsorship required

SUMMARY

Senior engineer who leads. Engineering Manager at MileIQ through its acquisition by Bending Spoons: two teams, 8 engineers, 14 hires, owning growth and billing; led the migration of about 500K accounts and the company's only price increase across Stripe, Google Play and the App Store. Since then I have led engineering on contracts at Arancia and Symbium, and shipped two products of my own and one client project by directing AI coding agents: about 600 merged pull requests, native iOS and Android apps, Stripe Connect billing. **Available Oct 2026 for full-time roles, as an IC or engineering manager; open to contracts.**

EXPERIENCE

Lead Software Engineer — Symbium

Jun 2026 – Aug 2026

3-month contract

- Led platform engineering and engineering operations across reliability, observability, security, infrastructure and developer productivity; managed up to three engineers.
- Led infrastructure and data-platform modernization (migration planning, deployment strategy, rollout preparation) and CI/CD with trunk-based development, automated testing and zero-downtime delivery patterns.

Engineering Lead — Arancia

Nov 2025 – May 2026

Cybersecurity (UEBA / XDR / SIEM on OpenSearch) · 7-month contract

- Hired as a senior engineer and promoted to engineering lead within the first month, managing my own squad.
- Built the threat-detection pipeline from scratch on top of the platform's Logstash and Kafka ingestion.
- Applied Sigma rules and used PPL instead of the OpenSearch query DSL. Go, Python, asynchronous microservices.

Engineering Manager — MileIQ

May 2023 – Oct 2025

Acquired by Bending Spoons (2025) · Growth and billing/monetization

- Led a team of 8 across two teams at a time, fully remote, owning growth and billing engineering through the acquisition. Hired 14 engineers.
- Grew the B2B (Teams) product by double digits inside a largely B2C user base, and ran the only price increase in the company's history across Stripe, Google Play and the App Store.
- Led the migration of about 500K accounts, mostly active paid subscriptions.
- Handled the hard cases of subscription billing across Stripe, Apple and Google: scheduled changes, trial changes, grace periods, price increases, double-charge prevention and profile-data backfills.

Senior Software Engineer — DataStax

Oct 2020 – May 2023

Acquired by IBM (2025) · AstraDB cloud platform · frontend and backend

- Led the company's first event-driven API and architecture, on Apache Pulsar and Salesforce, turning sales events from around the world into customer credits in billing.
- Worked on usage-based billing architecture and reverse ETL pipelines.
- Built a new dashboard UI from scratch as the most senior frontend developer (React, TypeScript, GraphQL).

Senior Software Engineer — Walmart Labs

Nov 2019 – Oct 2020

Walmart Canada e-commerce · 1-year contract

- Cart and checkout team: frontend UI and backend-for-frontend improvements.
- One of two engineers who built the UI for the grocery pickup-scheduling platform during COVID.

Software Engineer — CST Consultants Inc.

Apr 2018 – Nov 2019

Canadian education-savings (RESP) platform · Laravel, Vue, React, Oracle

Founder — Willis-Brown (consultancy)

Aug 2016 – Apr 2018

Full-stack development for startup clients, requirements to deployment (Node.js, React, AWS). Clients included Bushfire North (mortgage and real estate platform), Pulse Systems, Cankopy and CB2 Insights.

Technical Project Manager, R&D Engineering — Nissan

Nov 2012 – Nov 2015

Curitiba, Brazil. Responsible for Nissan's first vehicle launch in Brazil (Resende plant); team of about 12 engineers, more than \$5M in cost savings, promoted four times.

Engineering Consultant — Brazil

2003 – 2011

Placed at clients including Globo, Sulamerica and ONS.

INDEPENDENT PRODUCTS

Founder & engineer — own products and client work

2024 – Present

Built solo, AI-assisted, every change directed and reviewed by me

- About 600 merged pull requests in the last year, every change tested in CI and deployed as containers behind Cloudflare.
- **tatame0** (gym management SaaS, tatame0.com): React web app, Node/Postgres API, three SwiftUI iOS apps on TestFlight, two Android apps in progress. Stripe subscriptions and Connect, with a 1% fee capped at CA\$199 a month and the excess refunded automatically. 292 API tests on real Postgres. Deploys roll back automatically when health checks fail. A Grafana, Prometheus and Loki monitoring stack sends alerts to Slack.
- **Suas Consultas** (telepsychology platform, Brazil): TypeScript backend with SwiftUI iOS and Kotlin Android apps, in six weeks. Stripe Connect charges run automatically and are guaranteed to bill each session once. In-app video on LiveKit. 38 security regression suites gate every release.
- **Côté Caçuá** (client project, multi-tenant menu app): API, Expo iOS app and a site in English, French and Portuguese, in five days. The owner changes the menu without an app release, and the app works offline.

SKILLS

Leadership	Managing remote teams, hiring, two teams at a time, stakeholder reporting to CTO/CEO
Billing & payments	Stripe, Stripe Connect, Apple and Google subscriptions, usage-based billing, migrations
Backend & data	Node.js, TypeScript, Python, Go, Apache Pulsar, Salesforce, OpenSearch, Logstash, PostgreSQL
Frontend & mobile	React, TypeScript, GraphQL, SwiftUI, Kotlin, React Native (Expo)
Platform	AWS, Docker, Cloudflare, CI/CD, feature flags, Grafana, Prometheus, Loki
AI-assisted delivery	Directing coding agents (Claude Code, Codex): specs, guardrails, CI gates, every change reviewed

EDUCATION & OTHER

Education	Post-graduate Diploma, Computer Software Engineering, Humber College (2018) · MBA, UNINTER (2012) · Bachelor of Engineering, CEFET-RJ (2011)
Certifications	3× AWS certified, including Solutions Architect and Developer
Other	English and Portuguese · 6× IBJJF medalist (Brazilian jiu-jitsu)