

Jonathan Byron Belanger

Product engineering, complex orchestration, agentic systems. Healthcare platforms and zero-to-one products — with a decade in capital markets underneath.

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PROFILE

Product-centric engineer with fifteen years in regulated industries — healthcare and investment management. I drive product engineering forward and write the code: backend and full-stack systems, cloud infrastructure, API design, Kubernetes, complex orchestration, and the agentic harnesses that engineering work increasingly runs on. I have been a CTO and a co-founder, and I sold the company I built. I am at my best in the uncertainty of zero-to-one, and in translating between the people who hold a process in their heads and the systems that have to run it.

EXPERIENCE

2023 — present

Remote · Barcelona

Awell Health — *awellhealth.com*

Member of Technical Staff

- Drive product engineering forward across the CareOps platform and all of its components, specializing in **complex orchestration**.
- Drive the agentic harness forward — **Spire**, a harness for running agentic workflows, with a complementary desktop application.
- Care-flow versioning with a single source of truth for what is live, and patient communications built as one configurable decision per organization rather than a pile of toggles.
- Healthcare data integration across **FHIR**, Salesforce Health Cloud, and HL7 vendors.

2026 — present

Founder

mlti.ai

Founder · solo — product, engineering, go-to-market

- Voice-first process documentation for service businesses: the expert talks through how the work is done, and the product turns it into a process an agent can run.
- Shipped it end to end — teach application, marketing site, and a published Chrome extension in one monorepo, with PostHog analytics and an evaluation harness of seven suites carrying latency budgets and canary monitors.
- Built the go-to-market machine as software: structural-change signal scanning into HubSpot, outreach sequencing through Apollo.

2022

Founder

Thrivio

Founder

- Direct-to-consumer patient advocacy and health-literacy platform. Failed fast and deliberately — seven months, an outsized learning return, and a clear read on why the wedge was wrong.

2020 — 2022

Groq Health

Chief Technology Officer · first employee

- Joined as a consultant, hired as the first employee. Built the initial engineering team, set product strategy and roadmap with the CEO and advisors, owned architecture and the SDLC, and integrated Apple Health, connected medical devices, and HL7 vendors. Major code contributor throughout.

2017 — 2020

Acquired

factorE — *AlphaCore Technologies*

Co-founder & CTO · acquired by iCapital, 2020

- Idea to vision to execution on a portfolio risk-analytics platform for wealth managers. Owned product and engineering; major code contributor.

- Sold it myself — individual B2C sales first, then enterprise, launching on large wealth-manager marketplaces. Authored the company's written information security program and ran RFP and due-diligence responses.

2015 — 2018
La Jolla, CA

AlphaCore Capital

Director of Research · founding employee

- Founding employee; helped grow the firm from zero to more than **\$250M under management**.
- Chaired the investment committee, owned the investment decision-making process and model portfolios, and served as lead portfolio manager for the firm's two mutual funds.
- Conceived factorE and spun it out as a subsidiary — the company above.

2005 — 2015
Boston, MA

Commonwealth Financial Network

Senior Investment Research Analyst · from new-accounts principal, through operations, to research

- Ran alternative-investment research and the portfolios holding it — BDCs, hedge funds, CTAs, private equity — published research and market commentary, spoke on alternatives at industry conferences, and built the models and automation the research team ran on.

2010 — 2017
San Diego, CA

Performing musician

The Mosaic Quartet · Baker and the Knight · solo

- Writing, recording, and performing — pianist, guitarist, and singer. A parallel career, not a gap.

EDUCATION & CREDENTIALS

Piano Performance

Baldwin Wallace Conservatory — admitted to the musical theatre program, re-auditioned onto piano, studied under Laurent Boukobza.

2000 — 2004

FINRA Series 7, 66, 24

All three passed within the first three months of employment; principal duties from 2006. Lapsed.

2005 — 2006

Chartered Financial Analyst

CFA Institute — passed all three levels in consecutive years; charter awarded 2009. Retired, not practicing.

2006 — 2009

Languages

English (native), French. U.S. citizen; Spanish NIE holder, resident in Barcelona.

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SELECTED STACK

LANGUAGES

TypeScript · Python · Go · SQL

BACKEND

Node · Next.js · FastAPI · GraphQL · gRPC · NATS · BullMQ · Temporal-style durable workflows

DATA

PostgreSQL · Redis · Firestore · MongoDB · ArangoDB · Drizzle

PLATFORM

GCP / GKE · Kubernetes · Terraform · Helm · Vercel · Docker · GitHub Actions

AI

Multi-agent orchestration · Claude and the Agent SDK · MCP servers · eval harnesses · voice agents

HEALTH

FHIR · HL7 · Salesforce Health Cloud · care-flow orchestration

OBSERVABILITY

OpenTelemetry · Axiom · PostHog · Datadog · Sentry · Grafana

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