Lucas Bittar Magnani

Full-stack Software Engineer | React, TypeScript, Go, PostgreSQL
Campinas, SP, Brazil (Remote) | lucasbittar.magnani@gmail.com
lucasbittar.dev | linkedin.com/in/lucasbittar | github.com/lucasbittar

Summary

Software engineer with 10+ years building production web applications, and a Toptal engineer (top 3%) since 2015. Moved from frontend to full-stack in 2026 at Index Risk, a Miami specialty insurance MGU that launched publicly in Oct 2026: owns features from technical design document to production, with React and TypeScript on the product and Go and PostgreSQL behind it, using AI coding agents to build and review. Past clients include Gartner and Zobrist (The North Face, VANS, Timberland).
Industries: insurance (specialty MGU), healthcare, research and advisory, e-commerce and retail, music and entertainment.
Languages: English (fluent), Portuguese (native).

Experience

Software Developer, Toptal (freelance, top 3% network)

Dec 2015 – Present

Client engagements:

Software Engineer III (Full-stack), Index Risk (remote; Miami, FL)

May 2026 – Present

- Own features end to end (Tasks, Pipeline Overview, BDX reporting, and now cross-sell): write the technical design document with ERDs, build the React and TypeScript UI and the Go and PostgreSQL API with AI coding agents, review every change, and demo to stakeholders.
- Built a unified task queue for referrals, AI review and email triage on one transactional PostgreSQL model that closes tasks automatically when a deal is quoted, declined or closed, with live comments over Server-Sent Events and trigram search.
- Built the Pipeline Overview with keyset-paginated APIs, URL-synced filters, prefetch on hover and fetches skipped when the data is already on the page, plus a daily job that lapses issued quotes more than 3 days past inception.
- Shipped bordereaux (BDX) reporting as 4 stacked changes: OpenAPI contract, report schema, cumulative CSV generation per capacity provider, and a Reporting page with expiring AWS S3 download links.
- Added OFAC sanctions screening to every bind, with holds on potential matches, an adjudication workflow and an audit trail, to meet a capacity partner's requirement.
- Moved quote, policy and invoice PDFs to an HTML-to-PDF renderer and fixed a calculation path that understated the maximum amount payable on multi-location quotes.
- Reviewed 58 teammate pull requests, pairing AI-assisted code review with manual review on security and logging.

Senior Front-End Developer, Index Risk

Jan 2026 – May 2026

- Built the underwriting platform's React and TypeScript app from the Figma designs as the only frontend engineer, alongside 1 backend engineer (Vite, Tailwind CSS, shadcn/ui, TanStack Query, Zod).

Senior Front-End Developer, Guardian Service

Jul 2025 – Aug 2025

- Rebuilt the multi-step customer intake form in React, Next.js and TypeScript, with file uploads to Google Cloud Storage through signed URLs.
- Integrated Calendly, Canopy, CRM webhooks and Google Tag Manager, including partial capture of abandoned forms, and deployed on Google Cloud Platform.

Senior Front-End Developer, Gartner (part-time, then full-time)

Dec 2023 – Mar 2025

- Added conversation pinning, layout improvements and refactors to an AI chat tool built in React and JavaScript, and optimized frontend performance on Gartner's research platform.

Senior Front-End Developer, Sensentia (part-time)
Nov 2023 – Sep 2024
- Built an AI-driven healthcare dashboard in React and TypeScript that tailors treatment plans to individual patients, with a focus on accessibility and responsive design.
- Led hiring interviews and mentored the developer hired to build the company website in React, TypeScript and Contentful.

Senior Front-End Developer, Zobrist
Aug 2020 – Aug 2023
- Built catalog and product pages for The North Face, VANS and Timberland e-commerce sites in JavaScript and jQuery, working in an agile team.

Senior Front-End Developer, BVA
Feb 2019 – Dec 2019
- Built Shopify storefronts from design mockups in HTML, CSS, JavaScript and Liquid, and set code review standards while mentoring mid-level and associate developers.

Front-End Developer, Movile
Jul 2015 – Jun 2016
- Built a ticketing web platform in AngularJS.

Projects

PV7, official album-rollout site for Pabllo Vittar | pabllovittar.digital
- Built 5 campaign phases (merch pre-sale with geo-routing, countdown with live stream, album reveal and pre-save, single release) in Next.js, TypeScript and Supabase, each switched on from the admin panel with no redeploy, in 3 languages; served about 20,000 visitors on launch day without incident from edge-cached static pages, with Upstash Redis caching and rate limiting behind the Vercel firewall.

Carta de Adeus, fan tribute to Fresno's album | cartadeadeus.cc
- Served about 22,000 visitors without incident by splitting the letters API into 3 endpoints behind Vercel CDN caching and firewall, and cut the mobile hero image from 895 KB to 309 KB (Next.js, React Three Fiber, Supabase).
- Added Upstash Redis rate limiting and coarsened stored locations to about 1 km for LGPD data minimization.

MyScrobble.fm, Spotify listening dashboard | myscrobble.fm | github.com/lucasbittar/myscrobble
- Relaunched as a Next.js and TypeScript dashboard with Gemini AI concert discovery and server-rendered share cards, and built a waitlist and slot manager to run within Spotify's 25-user development cap.

Weather Terminal | github.com/lucasbittar/weatherapp
- Rebuilt a React and TypeScript weather app with a CRT terminal interface and Gemini AI suggestions, and migrated the build from Webpack to Vite.

Skills

Languages: TypeScript, JavaScript, SQL, HTML, CSS, Go (working knowledge, growing)
Frontend: React, Next.js, TanStack Query, Zod, Tailwind CSS, shadcn/ui, Vite, accessibility, Figma to code
Backend and data: PostgreSQL, REST and OpenAPI, Server-Sent Events, Node.js, Supabase, Redis
Cloud and delivery: AWS (S3), GitHub Actions CI/CD, Docker, Vercel, Google Cloud Platform
Practices: technical design documents and ERDs, AI coding agents (Claude Code, Cursor), code review, stakeholder demos

Education

Bachelor, Graphic Design, Escola Panamericana de Arte e Design, 2011
Front-End Web Development, General Assembly NYC, 2015