

Guillaume Caron

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📍 New York, NY

Executive Summary

Full-stack Software Engineer with startup experience, focused on AI-first applications and AI-assisted coding. Grounded by a decade in film and mindfulness, thrives in fast pace, dynamic settings.

Technical Skills

TypeScript, SQL, React, Next.js, React Native, Tailwind CSS, Node.js, PostgreSQL, Express, Drizzle ORM, Vercel AI SDK, Structured Output, Tool Calling, Context Management, Git, Vercel, Render

Experience

Software Engineer | Cape, NYC

Sept 2025 - Present

- Designed and shipped 4-agent LLM pipeline that aggregates professional network data and drafts personalized, relationship-aware outreach
- Built async style extraction system that analyzes user messaging patterns to generate style profiles, enforced at generation time for voice-matched output
- Built backend data pipeline automating context aggregation previously requiring intensive manual labor
- Implemented type-safe structured outputs using BAML for reliable LLM interactions
- Implemented eval system to measure and iterate on LLM output quality
- Leading UX iteration based on direct customer interviews

Full Stack Engineer | Fractal Tech AI Accelerator, NYC

May 2025 - Aug 2025

800hrs+ of full-stack development, 15+ projects, 10x AI-assisted Coding, shipping 5+ PRs/day. Developed custom AI tools with API integrations, MCPs and state of the art prompt engineering

Selected projects:

- [Layer \(NYC Startup\)](#) - Prototyped during product market fit phase a multi-platform task detection system integrating Discord, Slack, Gmail, Linear, and real-time audio transcription with LLM-powered extraction. Set up MCP servers for context enrichment and task execution
- [Feather.rsvp \(NYC Startup\)](#) - Unblocked public launch by implementing an intuitive and sleek Rich Text Editor (TipTap) with near complete autonomy in an unfamiliar codebase
- [Watch Genie](#) - Built a chatbot with Next.js, tRPC, Supabase, and Vercel AI SDK to provide personalized movie recommendations based on user preferences. Integrated TMDB and OMDB APIs

Self-Taught Developer | Independent Study, NYC

Jan 2025 - May 2025

Dedicated 500+ hours to intensive full-stack development through structured programs including Scrimba's React course and Full Stack Open. Built multiple applications: password generator, language translator, Chrome extension, unit converter.

Operations & Systems Specialist | NY Insight Meditation Center, NYC

Mar 2024 - Nov 2024

Reduced operational overhead by 25% for NYC's largest meditation center through software audits and vendor realignment. Automated processes leading to reduced admin hours by ~2h/day and +20% bookings.

Education

2022-2023 | Certified Mindfulness Teacher | Mindfulness Training Institute, Berkeley, CA

2011-2013 | Master's in International Purchasing & Management | KEDGE Business School, France

2008-2011 | Bachelor's in Commerce & Supply Chain Management | Rouen Business School, France