

Jaiten Kang

(604) 872-0127 | jaitenkangis@gmail.com | [linkedin.com/in/jaitenk](https://www.linkedin.com/in/jaitenk) | github.com/jaiten



Software engineer, IT lead, and builder who turns ambiguous problems into deployed products. Experienced across software, infrastructure, operations, and AI-powered automation.

EDUCATION

McGill University

Bachelor of Science, Major in Computer Science

Montreal, QC

Sept. 2021 - May 2026

Relevant Coursework: Applied Machine Learning, Algorithm Design, Concurrent Programming, Algorithms & Data Structures, Software Design, Database Systems, Web Development, Data Science

EXPERIENCE

Gravity Computers

Vancouver, BC

Software Engineer

2025 - Present

- Design, build, and ship production websites for clients end-to-end, owning brand, copy, design, build, and deployment using Next.js, TypeScript, and Tailwind.
- Pioneered the use of LLMs and AI tooling across the dev workflow, cutting delivery time on client sites dramatically and letting a one-person pipeline produce agency-quality work.
- Rebuilt the company's own marketing site, increasing client inquiries through faster load times and a clearer conversion flow.

IT Lead

2022 - Present

- Own IT infrastructure across 300+ devices, driving a 20% reduction in recurring technical issues through proactive monitoring before problems reached users.
- Cut new-device setup time 15% by standardizing OS imaging and SaaS configuration into a repeatable workflow the whole team now uses.
- Reviewed and rewrote every standard operating procedure to match updated systems, aligning the service team's day-to-day with both customer needs and management expectations.

PROJECTS

North: Focus & Distraction Blocker | *JavaScript, Chrome Extension APIs, Manifest V3* 2026

- Built and launched a distraction-blocking browser extension for Chrome and Firefox that helps users reduce impulsive browsing through focus sessions, scheduled restrictions, and behavioral friction.
- Designed a rule engine capable of enforcing multiple layers of restrictions, including lockdown modes, content filtering, temporary unlocks, time limits, and custom schedules.
- Solved complex browser-navigation challenges across modern web applications such as YouTube and Instagram, ensuring restrictions remained effective even when pages changed without reloading.
- Built the product end-to-end, including architecture, UX, branding, website, publishing, and ongoing iteration, with all user data stored locally and no backend infrastructure required.

Agentic Browser Automation System | *TypeScript, Playwright, Gemini 2.5* March 2026

- Built an autonomous browser agent capable of completing real-world workflows across dynamic websites, including navigation, form completion, and multi-step task execution.
- Reduced token usage by ~33% through a hybrid architecture that reserved LLM calls for decision-making while deterministic systems handled execution.

Voice Note Analyzer | *React, Node.js, Whisper, Gemini 2.5* 2026

- In-progress full-stack app converting voice and text into structured insights (actions, mood, themes): audio through Whisper, semantic analysis through Gemini, persistent storage for longitudinal tracking.

Client Websites | *Next.js, TypeScript, Tailwind CSS* 2025 - 2026

- Shipped 5+ production sites for Gravity Computers, Win Ratio, Shoebox Investments, North, and Wilco Civil, each from concept to deployment, owning branding, UX, development, hosting, and launch.

Automatic Word Count for Google Docs | *TypeScript, Chrome Extension APIs* May 2026

- Chrome extension that injects a live word counter into Google Docs via a MutationObserver on the editor DOM. Published to the Chrome Web Store.

SKILLS

AI / LLM: LLM orchestration, agentic pipelines, prompt engineering, Whisper, Transformers, Gemini, ChatGPT, Claude

Languages: Python, Java, C, JavaScript, TypeScript, SQL

Frontend: React, Next.js, React Native, Tailwind CSS, Framer Motion, HTML/CSS

Backend & Cloud: Node.js, PHP, PostgreSQL, MongoDB, REST APIs, AWS EC2, Linux, SSH, Chrome Extension APIs, Playwright