

RALPH CHRISTIAN GABRIEL

Full-Stack & Process Automation Developer

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French (native) · English (C1) · Haitian Creole (native) | Available from January 2027

PROFESSIONAL EXPERIENCE

Process Automation Developer Intern — La Caisse (CDPQ), Montréal

Sep. 2026 – Dec. 2026

Power Apps · Power Automate · Copilot Studio · Dataverse · SharePoint · REST APIs

- Design and ship business process automation solutions for one of the world's largest institutional investors, under regulated production standards.
- Lead stakeholder requirements workshops, map existing processes and prioritize automation opportunities across business units.
- Integrate systems via REST APIs, connectors and SharePoint lists; own testing, documentation and production readiness.

Solutions Integration Developer — Fastercom, Montréal

Dec. 2025 – Mar. 2026

Transport Management Systems · REST APIs · Google Maps API · GitLab CI/CD · Agile

- Configured and integrated TMS solutions for logistics clients through database parameterization and component adaptation.
- Integrated Google Maps geocoding and third-party routing APIs for transport routing and trip optimization.
- Delivered 3+ structured Test → Dev → Production releases within an Agile team.

Full-Stack Developer (Contract) — The Mad Space, Remote

Oct. 2025 – Mar. 2026

themadspace.com · Next.js · TypeScript · Prisma / PostgreSQL · Supabase Edge Functions · Stripe · Vercel

- Architected and shipped an end-to-end print-on-demand marketplace: ~15,000 LOC, 30+ REST endpoints, 17 bilingual pages, multi-role authentication, 4 currencies; 20+ CI/CD deployments to production.
- Automated 4 business workflows across 7 third-party APIs (Stripe, Gelato, Google Merchant Center, GA4, Google Ads), cutting order processing by 10–15 min per order.
- Implemented production-grade security (OAuth 2.0 with refresh-token rotation, HMAC-signed webhooks, rate limiting, audit logs), compliant with GDPR and Quebec Laws 25 and 96.

IT Automation & Support Technician — Vidéotron, Montréal

Jan. 2022 – Oct. 2025

Power Automate · Microsoft 365 · Level 1–2 support

- Automated ~50% of recurring HR, IT and Finance tasks with Power Automate; wrote runbooks that sped up technician onboarding.
- Resolved 2,000+ support tickets (94% customer satisfaction, NPS 9.6/10).

PROJECTS

Cadence — Co-founder & Tech Lead

2025 – present

[GitHub repo](#) · Expo (React Native) · TypeScript · NativeWind · Supabase · Vercel

- Architecting a mobile sports coaching app for the Quebec francophone market, with a landing page live on Vercel.
- Ran 13 sprints and 169+ GitHub issues with strict acceptance criteria; security by design (Supabase RLS from Sprint 1, OWASP Mobile Top 10 audit planned).

CanTelcoX — Architecture & Development (ÉTS, LOG430)

2026

[GitHub repo](#) · Python · FastAPI · RabbitMQ · MySQL · Docker Compose · Prometheus / Grafana · k6

- Telecom BSS (portability, line activation, billing) moved to an event-driven architecture: 6 hexagonal microservices, choreographed RabbitMQ saga, Outbox, DLQ, distributed tracing, free5GC behind an ACL. Team of 5, 60 of 97 commits; 173 tests.
- Five measured k6 load stages: acknowledgement P95 ÷ 2.4 (952 → 396 ms), saga convergence 47% → 100%, 0 errors across 22,031 requests.

EDUCATION

B.Eng. Software Engineering — École de technologie supérieure (ÉTS), Montréal

2024 – present

Relevant coursework: Software Architecture, Software Testing, Databases, User Interfaces.

DEC in Computer Science Technology (Application Development) — Collège de Rosemont, Montréal

2022 – 2024

DVS in IT Support — CFP des Riverains

2019 – 2022

TECHNICAL SKILLS

Languages & Frontend : TypeScript / JavaScript, Java, C#, Python, SQL · React, Next.js, Angular, Expo (React Native), Tailwind CSS

Backend, Data & DevOps : Node.js / Express, Spring Boot, .NET, REST APIs, PostgreSQL, MySQL, Prisma, GitHub Actions, GitLab CI/CD, Docker, Vercel, Supabase

Automation & Low-Code : Microsoft Power Platform (Power Automate, Power Apps, Copilot Studio, AI Builder), Dataverse, SharePoint Online

Quality & Security : JUnit, Jest, TDD, code review, design patterns, DDD, OAuth 2.0 / JWT, OWASP, GDPR / Law 25, Agile / Scrum