

Software Engineer (Golang / TypeScript / React)

Ryan PINA-SILASSE

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Drummondville, Quebec, Canada | Remote / Hybrid

Software Engineer with 5+ years of experience. I solve complex problems with simple, maintainable solutions and own projects end-to-end : requirements → architecture → production.

Specialized in Golang, TypeScript and React, I've worked across diverse industries (foodtech, media, personal services).

Technical Skills

Programming Languages : Golang, JavaScript, TypeScript

Frontend : React, Next.js, Astro, TanStack Query, Tailwind CSS, Zustand, Vite

Backend : Gin, Echo, Node.js, REST APIs, GraphQL

Mobile : React Native, Expo

Databases : PostgreSQL, Firebase, Supabase

DevOps & Tools : Docker, CI/CD (GitLab, Vercel, Render, Railway), Git, Postman

Methodologies : Architecture, Code reviews, Mentorship, Agile

Languages : French (native), English (professional)

Professional Experience

Software Engineer

Jan. 2026 – Present

Midbec | Home Appliance Distributor | Drummondville, Quebec, Canada (Hybrid)

Technologies : React, Golang, PHP, PostgreSQL, GraphQL, Docker

- Architecting complete website rebuild: migrating legacy PHP + ERP-based system to scalable modern stack (React + Golang).
- Technical ownership: stack decisions, API design, database architecture.
- Current focus: establishing clean architecture, reducing technical debt, improving system performance.

Full Stack Developer (Freelance)

Jan. 2025 – Dec. 2025

Neat Barber | Barbershop | Paris, France (Remote)

Technologies : Astro, Tailwind CSS, WordPress, GraphQL

- Led complete website redesign: legacy monolith → modern islands architecture (Astro)
- Architected headless CMS infrastructure: migrated WordPress to subdomain, configured WPGraphQL API with Wordfence security integration for real-time content updates.
- Technical decisions: stack selection, architecture design, security implementation, deployment strategy on Vercel.
- Mentored non-technical team: onboarded stakeholders on technical roadmap and implementation decisions.
- **Impact:** increased customer bookings and improved user experience.

Frontend Developer

Oct. 2022 – Oct. 2024

Konbini | Online Media | Paris, France (Hybrid)

Technologies : TypeScript, Next.js, GraphQL, WordPress, Tailwind CSS, GitLab CI/CD

- Major rebuild: redesigned and optimized the homepage for performance and editorial flexibility (Next.js + WordPress + GraphQL).
- High-impact features: custom Twitch module with live stream detection (Twitch API), dynamic partner banners.
- **Impact:** 25% increase in monthly traffic and user engagement.

Web Developer

Apr. 2020 – Aug. 2022

French Innov | Digital Solutions | Stains, France (On-site)

Technologies : JavaScript, React, Bootstrap

- Delivered 10+ high-performance showcase websites for restaurant clients.
- Focus: SEO optimization, responsive design, and Core Web Vitals.
- Interactive kiosks: built touchscreen applications for restaurant clients; first production experience with customer-facing UIs.
- Collaboration: Agile processes, code reviews, design system implementation.
- **Impact:** improved client conversion rates and customer satisfaction.

Education

Bachelor's Degree in Web & Mobile Development

2021 – 2024

HETIC | Montreuil, France

Relevant Coursework: Software architecture, OOP, Cloud, DevOps fundamentals, Project management.

Projects

Bumble B — Connected IoT Prototype | Lead Developer Mobile application to control an autonomous ESP32-powered car with real-time telemetry (speed, battery, camera).

- **Technologies :** React Native, Expo, TypeScript, Axios, WebSocket, ESP32, C++
- **Frontend Tech Lead:** structured React Native architecture (reusable components, state management), real-time communication using Axios and WebSocket.
- **Mentorship:** team leadership, technical guidance, code reviews, onboarding, and maintaining team dynamic.
- **Result:** successful project delivery, degree obtained, transition from contributor to technical lead.

Interests

- Judo : 10+ years of dedicated practice, regional competitions.