

# Full Stack Software Engineer (React / Go)

Ryan PINA-SILASSE

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Drummondville, Quebec

Full Stack Software Engineer with 5+ years of experience building web applications in both France and Canada.

I work across the full stack: React on the frontend and Go on the backend.

I care about delivering performant and scalable products with a measurable impact.

My track record: 93% JS reduction, 3-4x performance gains, 60% cost cuts, +25% traffic growth.

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## Technical Skills

**Programming Languages :** Go, TypeScript, JavaScript

**Frontend :** React, Next.js, Astro, React Native (Expo), TanStack, Tailwind CSS

**Backend :** Go (Gin, Echo), Node.js, APIs REST, GraphQL

**Databases & Cloud :** PostgreSQL, Supabase

**Testing :** Playwright (E2E), Vitest (unit), Lighthouse CI

**DevOps & Tooling :** Docker, CI/CD (GitHub Actions, Vercel, Railway), Git

**Engineering Practices :** Clean Architecture, Code Reviews, Mentorship, Agile

**Languages :** French (native), English (professional)

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## Professional Experience

### Software Engineer

Oct. 2025 – Present

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

Technologies: Next.js, Gin, PostgreSQL, REST APIs, LXC containers

- Sole engineer at the company, full ownership over architecture and technical decisions.
- Modernizing a 10+ year old PHP monolith supporting nationwide operations: migrating to a Next.js frontend and a Gin backend, replacing a legacy Python ETL connected to a Delphi ERP managing 2+ million inventory records.
- Designing a Go ETL pipeline to synchronize ERP data into PostgreSQL, handling catalog reconciliation, pricing resolution and inventory management at scale.

### Full Stack Developer (Freelance)

Jan. 2025 – Dec. 2025

Neat Barber | Barbershop | Paris, France (Remote)

Technologies: Astro, TypeScript, WordPress GraphQL, Cloudinary, Playwright

- Owned the full project solo, technical audit, architecture, development and client relationship, fully remote.
- Rebuilt the legacy jQuery site with Astro + TypeScript: 93% JS bundle reduction (600KB→40KB), Lighthouse score 68→94, 3x mobile speed improvement.

- Engineered headless CMS architecture: WordPress GraphQL API with type-safe integration, automated image optimization (Cloudinary), CI/CD pipeline with Playwright E2E and Lighthouse CI quality gates.
- **Business impact:** 3-4x faster mobile experience, +20% customer acquisition, 60% infrastructure cost reduction (~€360/year). Client satisfied, ongoing relationship.

## Frontend Developer

Oct. 2022 – Oct. 2024

Konbini | Online Media | Paris, France (Hybrid)

Technologies: TypeScript, Next.js, GraphQL, WordPress, Tailwind CSS

- Worked within a product team on a high-traffic media platform, deepening my Next.js expertise and shaping how I approach frontend architecture.
- Rebuilt the homepage with Next.js SSR and a GraphQL data layer: real-time editorial updates, 40% faster page loads.
- Engineered custom integrations: Twitch API live stream detection, dynamic partner content injection with fallback logic.
- **Impact:** +25% monthly traffic (500K→625K visitors), 30% faster editorial workflow.

## Web Developer

Apr. 2020 – Aug. 2022

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

Technologies: JavaScript, React

- First professional experience, delivered production websites, customizing designs to match each client's creative direction with consistent 90+ Lighthouse scores across Performance, SEO and Accessibility.
- Built interactive touchscreen kiosks for high-traffic restaurants: real-time order systems with customer-facing UIs.

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## Education

### Bachelor's Degree in Web & Mobile Development

2021 – 2024

HETIC | Montreuil, France

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

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## Projects

**Bumble B — IoT Car Control App | Tech Lead** React Native app controlling ESP32-powered autonomous car with real-time telemetry.

- **Tech Stack:** React Native, Expo, TypeScript, WebSocket, ESP32 (C++)
  - Led frontend architecture and mentored 3-person team through full delivery.
  - **Result:** successful project defense, graduated with honors.
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## Interests

- Judo: 10+ years competitive practice, regional medalist, discipline and continuous improvement mindset applied to my professional life.