

Luca Rarau

Open to part-time work · Montreal or remote

Mobile developer · React Native and Swift, full-stack TypeScript

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I build mobile apps that real people use: React Native and Expo, native Swift where the phone needs it, a TypeScript and PostgreSQL back end, and AI where it helps. I like measuring before fixing, and shipping small and often.

App Store

Gymswell, built from the first commit, now in review

Daily use

the booking system a tour operator runs its office on

44 s → 13 s

AI coach response time, measured and fixed

EXPERIENCE

Software Developer (part-time) · IdeaPlaces Jan 2026 – present

- Gymswell** — AI fitness app for iPhone and the web · gymswell.com
 - Built the React Native app from first commit to App Store review: workouts, meals, an AI coach. **699 commits**.
 - Wrote the native Swift: Lock Screen Live Activities, home-screen widgets and Apple Health sync.
 - Cut the AI coach’s response time from **44 s to 13 s** by measuring token throughput and switching models.
 - Brought a 10,700-line screen under test and built in-app bug reports that steered the beta.
- Tour Platform** — office system for tour bus operators
 - Built the booking system **Kalitravel’s office runs on every day**, replacing spreadsheets and phone calls. 400+ commits.
 - Designed multi-tenant isolation with PostgreSQL row-level security; verified six languages with Playwright tests.

PROJECTS

- Plateful** — family recipe app · Expo, Supabase, Gemini 2026
 - Gemini turns a photo of a recipe page into an editable recipe; the family rates each meal. Ships to TestFlight from CI.
- Arrowsheet** — notepad for class · JavaScript, Canvas · arrowsheet.com 2026
 - Keyboard-driven notepad for copying whiteboard diagrams as fast as they are drawn. One HTML file, built in a week.
- Clothing Reseller** — Android app, team of four · Kotlin, Jetpack Compose 2026
 - Designed the MVVM architecture and built and tested the Room data layer the team’s UI was built on.
- Lethe** — hackathon, San Francisco · Python, MongoDB Atlas 2026
 - Memory for AI agents that consolidates conversations into lasting facts, each traced to its source. Built in four hours.

SKILLS

- Mobile** React Native, Expo, Swift (Live Activities, widgets), Kotlin, Jetpack Compose, TestFlight
- Back end** TypeScript, Node, Next.js, PostgreSQL, Supabase, Firebase, MongoDB
- AI** OpenAI, Azure OpenAI, Gemini, prompt and tool design
- Shipping** Playwright, Maestro, Vitest, GitHub Actions, Docker, Azure

EDUCATION

Champlain College Saint-Lambert — Computer Science · Languages: English, French 2024 – 2027