Luca Rarau

Open to part-time work · Montreal or remote

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

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Mobile developer with a year of production work at IdeaPlaces: built an iPhone app from the first commit to App Store review, and the booking system a tour operator runs its office on. Measures first, ships small.

Work Experience

Software Developer (part-time) · IdeaPlaces, Montreal — 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. **912 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**, in place of spreadsheets and calls. 924 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 a recipe the family rates. CI ships every build to TestFlight.

Arrowsheet, notepad for class · JavaScript, Canvas · arrowsheet.com — 2026

- Keyboard 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: conversations become 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