Emanuel Quimper

Senior full-stack developer · AI-native

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Full-stack developer with 11 years of software development experience. I build mobile, web, and backend products, from architecture to production. AI is part of my daily work across research, development, testing, and delivery, with a focus on React Native and Expo.

AI-NATIVE DEVELOPMENT

I prepare context for AI coding agents, break down problems, and orchestrate their research, implementation, testing, and code review tasks. My experience guides architecture decisions, integration of their work, and verification of real product behavior. I own what ships. I use this workflow on Dartwords at App&Flow and on my own products.

EXPERIENCE & CONTRIBUTIONS

App&Flow · Current employer · Client projects

Fin

Contributed to the mobile app, building animations, custom navigation, secure seed phrase handling, and transaction logic, alongside performance improvements.

Dartwords

Worked primarily on the mobile app using an agentic workflow, directing coding agents for implementation, testing, and code review. Built custom navigation and a native keyboard, worked on animations and Rive integration, and improved performance. Also contributed to the web app. Puzzle packs and an in-app shop are in progress.

Independent client work · Freelance development

FrontDoor+

Built a custom reporting page, integrated Seats.io for seat selection, and added season passes. Fixed excessive battery consumption in the mobile app.

CoachSnap

I led development and built the full coaching app, including calendars, appointment booking, and online payments, with React, Node.js, Go, and Laravel.

MY PRODUCTS

Product direction, design, development, testing, and release.

Jump Rope Protocol

A native jump rope app with automatic counting through AirPods or Apple Watch, custom workouts, and progress tracking.

Layout

A keyboard-first workspace manager for macOS. One keystroke brings back a project’s windows, its Claude or Codex chat, and its Slack channel.

Kettlebell Protocol

A focused training companion that brings session planning, live workout timers, and useful progress analytics into one fast mobile experience.

TinyTirelire

An age-adaptive pocket-money app for kids and teens aged 5 to 16, centered on saving, goals, and progress they can understand.

SKILLS

React Native · Expo · Swift · SwiftUI · AppKit · Astro · React · Go · Laravel · Node.js · TypeScript · PostgreSQL

BACKGROUND

Before becoming a developer, I served in the Canadian Forces. That experience shapes how I prepare, communicate, adapt, and take responsibility for my work.