

Christian Kamalu

FULL-STACK SOFTWARE ENGINEER

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Full-stack engineer with 7+ years across React, TypeScript, and Node.js and an AI-first workflow. I use LLMs daily to learn new domains fast and ship. Drawn to ambiguous, fast-moving problems, deliberate about tradeoffs, and energized by building AI integrations and the systems around them from concept to live deployment.

WORK EXPERIENCE

Delinea

JUL 2022 - JUL 2026

Software Engineer

- Built and maintained the company's shared React component library, with reusable UI shipped across its full suite of applications and partnering across product teams to standardize patterns.
- Used AI tooling to ramp on unfamiliar areas of a large codebase quickly, a habit that's central to how I deliver.

Litiscap & TradeAngel

MAR 2020 - JUL 2022

Software Lead

- Led a two-product engineering effort as technical lead, owning architecture and delivery in a fast-moving startup.
- Integrated Thomson Reuters' CLEAR API to turn large external data flows into an analytical platform, and built a client-facing marketplace from the ground up.

DentalQore

SEP 2019 - MAR 2020

Associate Engineer & Technical Support

- Rebuilt hundreds of client dental websites, adapting quickly across a high volume of varied requests.
- Worked directly with customers in 1-on-1 support, translating non-technical needs into shipped improvements.

PROJECTS

AI Nutrition App

IN PROGRESS

TypeScript | React | Node.js | LLM Integrations (Gemini, model-agnostic)

- Built a full-stack AI app end to end: a React Native/TypeScript client and Node.js/Express + PostgreSQL backend where LLM integrations generate meal plans through a provider-agnostic layer (Gemini today, pluggable across LLMs).
- Designed the prompting strategies, a hybrid retrieval-and-ranking pipeline, and evaluation and cost controls that keep agent output reliable and affordable in live use.
- Extended the agent across modalities with image-to-text meal logging from photos (gated by a confidence threshold) and text-to-image meal previews.

BLE Hardware Device

IN PROGRESS

Embedded C | Bluetooth Low Energy | iOS & Android

- Self-taught embedded C and BLE to build the device end to end: firmware on a TI CC2340R5 MCU with a deep-sleep power model for 5+ year battery life.
- Built the companion iOS app (Swift/SwiftUI), shipping to TestFlight via GitHub Actions; Kotlin Android client in progress.