HornScore

A native iOS rebuild for 5,000+ hunters

I took over a 50,000–60,000-line React Native codebase with no documentation and a storage bucket that exposed every user's photos. I fixed the exposure in my first week, shipped a new measurement tool inside the existing code, then led the native iOS rebuild: 581 Swift files, about 104,000 lines, and 303 SwiftUI views.



TIMELINE

Aug 2025 → present · Native rebuild Nov 2025

ROLE

Lead Engineer & Designer

TECHNOLOGY

Swift, SwiftUI, Firebase, Cloud Functions

PLATFORM

iOS native

5,000+
Production users

104K LOC
Native Swift codebase

15× zoom
Coordinate-locked precision

IN BRIEF

01 Took over a 50,000–60,000-line React Native app with no documentation.

02 Found every user's photos publicly readable and fixed it in the first week, before any feature work.

03 Shipped a new measurement tool inside the legacy app to show the codebase could still move, which earned the rebuild.

04 Led the native iOS rebuild: 581 Swift files, about 104,000 lines, 87 screens on one design system.

05 Wrote the scoring engine to Boone and Crockett rules for a dozen species. 5,000+ hunters use it.

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