

Kan Kunnawat

+66-94-565-7555 | kan.kunnawat@gmail.com

LinkedIn: <https://www.linkedin.com/in/kankunnawat/> | GitHub: <https://github.com/kankunnawat>

iOS Engineer with 4+ years building production fintech, banking, and trading applications in productions. Experienced in SwiftUI, UIKit, Swift Concurrency, modular architecture, testing, performance, and secure financial workflows. Recent work spans virtual banking foundations and architecture modernization for a crypto trading app with 40K+ MAU.

EXPERIENCE

Bitazza: Senior Software Engineer (iOS) Apr 2025 – Present

- Improved reliability and performance across trading, wallet, dashboard, and orderbook flows, reducing memory usage from 500MB+ to 100-120MB stable and cutting dashboard/wallet cold loads from 8-10s to 2-3s.
- Led architecture modernization of a live crypto trading iOS app, refactoring a 93K-line Swift codebase into modular SPM packages with injectable dependencies, typed shared state, and Swift Concurrency while preserving production behavior.
- Rebuilt real-time market data infrastructure by replacing a layered WebSocket stack with an actor-based streaming architecture using per-subscriber streams, reference-counted subscriptions, reconnect backoff, and race protection.
- Built a scalable automated testing foundation, increasing coverage from near-zero to 1,900+ test functions across 162+ files and covering 90%+ of core ViewModels and financial-critical flows.
- Hardened security and financial correctness in a regulated trading app, fixing unsafe token storage, auth-token logging, token refresh races, order validation edge cases, APY miscalculation, and fee calculation defects.

Arise by Infinitas: Senior Associate Software Engineer (iOS) Aug 2023 – Apr 2025

- Scaled the iOS team from 1 to 12 engineers as founding iOS engineer; led recruitment, established code review standards, and mentored engineers — transitioning from individual contributor to hands-on technical lead
- Architected the iOS foundation for a greenfield virtual banking platform, designing modular Clean Architecture with MVVM and RxSwift after personally analyzing large-scale apps (Paotang: 40M users, Next: 17M users) — reduced incremental build times by ~70% and enabled parallel feature development across distributed teams
- Led a platform-wide migration from UIKit to SwiftUI with The Composable Architecture (TCA), resolving cross-module navigation and state challenges; established a design system and standardized networking patterns to accelerate feature delivery at scale
- Built a shell-based bootstrap tool for the multi-repo environment (15+ modules with independent Git repos), reducing onboarding from hours to a single command and eliminating recurring configuration errors

Sirius: Software Engineer (iOS) May 2022 – July 2023

- Developed and maintained multiple iOS financial applications, including real-time stocks trading and consumer banking apps, collectively serving 2M+ users with 140k DAU

Notion: Notion Ambassador Jan 2021 – Present

- Built and led Thailand's Notion community (17k+ members), organizing the first national meetup and creating educational content—fostering collaborative knowledge-sharing at scale

EDUCATION

Chulalongkorn University International School of Engineering 2017 – 2021

B. Eng. Information and Communication Engineering – Second Class Honors

National University of Singapore July 2018

Summer Entrepreneur Program (Full Scholarship from Temasek Foundation)

SKILLS & PROFICIENCIES

Languages & Frameworks: Swift, SwiftUI, UIKit, Swift Concurrency, Async/Await, Combine, RxSwift, Python, TypeScript
Architecture & Tooling: MVVM, Clean Architecture, TCA, Modularization, SPM, Dependency Injection, XCTest
Mobile Systems: REST APIs, WebSocket, Instruments, memory profiling, performance debugging
Engineering Practices: CI/CD, Code Review, Technical Leadership, Claude Code/Codex workflows