

SOK PICH

iOS DEVELOPER

+855 77 742 462 | pichsok016@gmail.com | Russey Keo, Phnom Penh, Cambodia

[Portfolio](#) | [GitHub](#) | [linkedin](#)

PROFESSIONAL SUMMARY

iOS Developer with 2 years building production native apps in Swift, SwiftUI, and UIKit, specializing in real-time and transaction systems. Shipped a WebSocket platform serving hundreds of concurrent users, owned end-to-end CI/CD with Fastlane (Firebase App Distribution → TestFlight → App Store), and built fintech features including secure authentication and transaction tracking. CS graduate with hands-on cybersecurity (CTF) experience and a strong interest in reliable, secure applications.

TECHNICAL SKILLS

Languages & Frameworks: Swift, SwiftUI, UIKit, Combine, Swift Concurrency (async/await, actors)

Real-Time & Networking: WebSocket, URLSession, REST API integration, JSON serialization, push notifications

Testing: XCTest, Unit Testing, UI Testing

Security: Keychain, Face ID / Touch ID

Architecture: MVVM, dependency injection, modular app structure

Persistence: Core Data, SwiftData, UserDefaults

CI/CD & Tools: Fastlane, Firebase, TestFlight, App Store Connect, Git, GitHub, Xcode, VS Code, Postman

Secondary: Flutter (Dart), Python

EXPERIENCE

Loma Technology *Phnom Penh, Cambodia*

Promoted twice in ~2 years: Apprentice → Junior → iOS Developer

iOS Developer Jul 2025 – Present

- Implemented a real-time chat system using WebSocket and Swift Concurrency, featuring automatic reconnection, heartbeat monitoring, message synchronization, and low-latency message delivery.
- Built push-notification infrastructure (FCM) across 2 production apps with deep-linking and user targeting, handling ~300 notifications/day.
- Built a coffee-ordering app with live map-based delivery tracking and real-time order-status sync.
- Automated the full release pipeline with Fastlane (Firebase App Distribution → TestFlight → App Store), reducing release time by ~80% and eliminating manual deploy errors.
- Contributed to international open-source projects, collaborating with developers across multiple countries.
- Expanded cross-platform capability by adopting Flutter for multi-platform mobile development.

Junior iOS Developer Sep 2024 – Jul 2025

- Delivered feature implementations across SwiftUI and UIKit for 2 client-facing applications.
- Integrated REST APIs end-to-end with authentication, JSON decoding, and structured error handling.

Apprentice iOS Developer Jul 2024 – Sep 2024

- Built production features and resolved bugs under senior developer mentorship.
- Gained foundational expertise in SwiftUI, Git version-control workflows, and agile development practices.

American Bridge International School *Phnom Penh, Cambodia*

Teacher of English 2022 – 2024

- Instructed students across Levels 1–7, adapting lesson plans to diverse learning needs.
- Served as event emcee and debate coach, building strong public-speaking and mentorship skills.

PROJECTS

Folkara — SwiftUI · Firebase · Fastlane · MVVM

Production HR & workflow management app on the App Store with multi-step approval workflows, biometric auth (Face ID / Touch ID), FCM push notifications, and 4-environment CI/CD via Fastlane.

[App Store](#)

LuckyInfos — SwiftUI · Socket.IO · REST API · AES Encryption

Production real-time platform on the App Store with live scores via WebSocket, AES-encrypted API calls, drag-and-drop filters. [App Store](#)

CoffeeCraft — SwiftUI · Firebase · MapKit · MVVM

Full-stack coffee shop app with dual Customer/Manager roles, real-time Firebase order pipeline, atomic wallet transactions, proof-of-purchase reviews, FCM push notification, and 4-env Firebase setup. [GitHub](#)

MLBB MetaSight — SwiftUI · Metal · Keychain · Offline Caching

Companion app with a Metal GPU-rendered animated splash screen, file-based offline JSON caching with staleness indicators, in-game account login via JWT, and 16-language runtime localization.

[TestFlight](#)

DevDesign — SwiftUI · SwiftData · CloudKit · AI APIs

Offline-first iOS toolkit with 17 designer tools (WCAG contrast checker, type scale, app-icon generator, design-token exporter) and multi-provider AI palette generation; ~741 unit tests, zero external dependencies. [GitHub](#)

APIForge — SwiftUI · Swift Concurrency · URLSession · macOS/iPadOS/iOS

Native multiplatform API client (Postman alternative) that runs fully offline; a single SwiftUI codebase adapts per platform with git-friendly JSON storage and Postman v2.1 import/export. [GitHub](#)

EDUCATION

B.Sc. in Computer Science and Engineering

Sep 2021 – Jun 2025

Royal University of Phnom Penh

Advanced Adult English Program

Sep 2021 – Dec 2023

Institute of Foreign Languages (IFL)

CERTIFICATIONS

- **iOS Development Fundamentals** — ADITI Academy (2024). Capstone: UIKit fintech app with authentication, expense/income tracking, and advanced filtering.
- **Big Data** — Samsung Innovation Campus (Jan 2024). Studied foundational big data principles and analytical tools; completed a capstone project analysing marketing strategies of Samsung smartphones versus iPhones.
- **Coding and Programming with Python** — Samsung Innovation Campus (Jan 2024).

ACHIEVEMENTS

- Participated in Cyber Elite Games Cambodia 2024, a CTF cybersecurity hackathon.
- 2nd place, Public Speaking Contest, Institute of Foreign Languages (IFL).

LANGUAGES

Khmer (Native) · English (Fluent) · Vietnamese (Basic)