Vatana Chhorn

Mobile Developer

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Profile

I am an experienced Mobile Developer **specializing in iOS development**, with a passion for creating exceptional user experiences. I am well-versed in both UIKit and SwiftUI. My experience extends to developing tvOS applications, demonstrating my deep understanding of the Apple ecosystem. I also develop high-quality Android applications using Kotlin.

Beyond my technical skills, I am a strong leader and team player. At Paraga, I led a team in developing a money tracker app that has over 100k downloads. At Dynomite, I delivered products that have positively impacted thousands of users in Cambodia.

Australian Work Visa

After graduation, **December 2025**, eligible for a two-year Australian Post-Higher Education Work Stream visa (485) with **full work rights.**

Experience

Dynomite — Mobile Developer & UX/UI Designer
Sep 2020 - Present, Phnom Penh, Cambodia

- Achieved **first place in the Swinburne Design for Change Competition** for the app "Vapeo: Quit Vaping," a primary tool designed to help youth quit vaping.
- Achieved a significant milestone with **"Peak Bondav: Khmer Riddle Game," reaching #2 in Cambodia's Apple top free games list**, significantly boosting engagement with Khmer national identity and culture.
- Khmer Dictionary: Chuon Nath gained over **100k downloads with over 10k Overall Ratings**.

Daily Prompt — Android Developer Intern
Jun 2025 - Aug 2025, Melbourne, Australia

- Ensure the app fully adheres to native Android behaviors and Material Design 3 guidelines. The primary goal is to deliver a robust MVP for release on the Google Play Store.
- Integrated the Material 3 Theme and developed views fully adhering to Material Design 3 guidelines.
- Designed and implemented features utilizing clean architecture.
- Leveraged Kotlin Flow and suspend functions to manage asynchronous data streams.
- Employed Koin for dependency injection to ensure modular, testable, maintainable code.

ITConnexion — Software Developer Intern
Mar 2025 - May 2025, Melbourne, Australia

- Developed a custom local Expo module to integrate an on-device CoreML model into a React Native app.
- Trained a CoreML model using internally annotated data via CreateML.
- Implemented an automatic object color extraction feature using k-means clustering and a custom logic pipeline that filters by brightness, saturation, and color distinctiveness.

- Prototyped a more advanced color segmentation approach using DETR ResNet-50 for object isolation and dominant colour refinement.
- Conducted technical research into cross-platform wireless printing for hybrid mobile apps.
- Implemented automated UI testing using Maestro to enhance test efficiency and reliability.

Paraga — Senior iOS Developer
Apr 2021 - Oct 2022, Mar 2023 - Feb 2024, Phnom Penh, Cambodia

- Developed and maintained the "Money Tracker: Expense Manager," demonstrating leadership and team collaboration by leading the project to **achieve over 100k download units**.
- Extended the app to iPad and Mac Catalyst, optimizing the UI/UX for a seamless multi-device experience.
- Update to version 3.0.0 with a seamless UX/UI transition, adhering to the Human Interface Guidelines, resulting in app size deduction (iPhone 15 Pro Max) from **101 MB to 61.4 MB**.
- Mentored a junior developer on adopting SwiftUI, Async/Await, Combine, and RxSwift.
- Migrating to MVVM-C to achieve clear separation of concerns and code testability.
- Held sole responsibility for successfully developing "Smart Calendar KH," a national-scale application with over **10k daily users** on the iOS platform.
- Achieved international success with the development of the Thai Buddhist Calendar app with over **5k daily users**.

Okoone — Mobile Engineer
Oct 2022 - Feb 2023, Phnom Penh, Cambodia

- Developed and maintained a sophisticated RxSwift/RxCocoa project, mastering reactive programming paradigms.
- Successfully distributing the source code across 10+ brands.
- Demonstrated versatility and technical proficiency in developing applications for the tvOS platform.

Education

Swinburne University of Technology — Master of Information Technology   **2025**

Hangzhou Dianzi University — Bachelor of Software Engineering   **2023**

Technical skills

Languages: Swift, Kotlin, Python, JavaScript, Java, C++

Frameworks: UIKit, SwiftUI, Jackpack Compose, Async/Await, RxSwift, Combine, XCTest

Database: Firestore, Realm, SwiftData, CoreData

Tools: Git, Firebase, Figma, Xcode Instruments, TestFlight

Architecture: MVVM-C, Clean Architecture, TCA, MVC

Extras

Winner of the Swinburne Design for Change Competition 2025

Participated in Swinburne Industry Hackathon 2025, UNIHACK 2025, Mekong-ROK Youth Group Workshops 2023 and JENESYS Exchange Program 2023.

References on request.