Vipul Chauhan

iOS Engineer
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Ahmedabad, India

PROFESSIONAL SUMMARY

iOS Engineer with 4+ years building and maintaining 5+ production mobile applications across sports technology, hospitality, fintech, and professional services. Deep hands-on expertise in Swift, SwiftUI, UIKit, MVVM, GraphQL/Apollo, AVFoundation, real-time communication, payments, subscriptions, and third-party SDK integrations. Skilled at shipping new product flows, modernizing legacy codebases, building custom video and communication capabilities, integrating backend services and external SDKs, and contributing to cross-platform React Native applications across iOS, Android, and Windows.

TECHNICAL SKILLS

Languages : Swift, Objective-C, JavaScript (ES6+), TypeScript

iOS Frameworks : SwiftUI, UIKit, AVFoundation, CoreData, SwiftData, StoreKit 2, MapKit, HealthKit, Core Location, Live Activities, WidgetKit

Architecture : MVVM, Clean Architecture, MVP, MVC

Concurrency & Networking : async/await, Combine, GCD, GraphQL, Apollo, REST APIs, WebSockets, PubNub

Cross-Platform : React Native, Expo, Expo Dev Client

State Management : Zustand, Redux, Context API

Payments & Authentication : StoreKit 2, In-App Purchases, RevenueCat, Braintree, Stripe, Firebase Auth, Biometric Authentication

Communication & Third-Party SDKs : Twilio Video, Twilio Voice, Twilio Chat, Stream Chat, Firebase Crashlytics, Firebase Analytics, Plaid, AWS S3, Google Calendar API, Google Maps SDK

Testing & Performance : XCTest, Swift Testing, React Native Testing Library, Instruments, Memory Profiling

Tools & Distribution : Xcode, Git, GitHub, Fastlane, TestFlight, App Store Connect, Swift Package Manager, CocoaPods, Postman

PROFESSIONAL EXPERIENCE

ORDEX Technology Solutions LLP
May 2024 – Present

iOS & React Native Engineer
Ahmedabad, India

- Delivered iOS and cross-platform features across 4 concurrent production applications – Baseline, Retailboon/Kyobee, Retailboon Staff, and SetInfinite – spanning sports coaching, hospitality operations, staff management, and time management.
- Built SwiftUI functionality using MVVM, GraphQL/Apollo, and AVFoundation across all 3 of Baseline's primary workflows: coaching, marketplace, and video analysis.
- Led the ground-up React Native rebuild of Retailboon/Kyobee, evolving it from a single-platform iOS app into a product supporting iOS, Android, and Windows alike.
- Extended the Retailboon Staff app with attendance tracking, check-in/check-out, and biometric-authentication capabilities for frontline staff.
- Built SetInfinite (setinfinite.com) on React Native and Expo Dev Client, delivering platform-specific Live Activity and Live Update experiences for its timer, stopwatch, and task features.
- Partnered closely with product and design teams throughout the development lifecycle, from requirements gathering to release.

ORDEX Technology Solutions LLP
August 2022 – April 2024

iOS Engineer
Ahmedabad, India

- Shipped production iOS features using Swift and UIKit for 2 key hospitality modules: waitlist management and table assignment.
- Integrated iOS functionality with backend services via REST APIs and third-party SDKs, supporting delivery across multiple production apps.

- Fixed and improved Twilio Chat and Video functionality in Arttoney, then added RevenueCat and Braintree integrations to round out the app's subscription and payment workflows.
- Owned end-to-end iOS UI delivery for Equiliberty, a social fintech app combining onboarding, financial goal-tracking, and location-based community features.
- Authored XCTest unit and UI test coverage to catch regressions early and maintain stability across the codebase.

PRODUCT EXPERIENCE

Baseline | *Swift, SwiftUI, MVVM, GraphQL/Apollo, AVFoundation, Stream Chat, In-App Purchases, Universal Links*

- Redesigned the marketplace experience across 4 flows: coach navigation and discovery, filtering, session booking, and universal links.
- Developed coach-profile experiences (session listings, purchasing, chat access, universal links) and student-management flows spanning 5 areas: listings, profiles, sessions, progress, and coach-student interaction.
- Engineered a custom multi-lens camera for session recording with slow-motion recording and configurable video quality; resolved existing video-analysis issues.
- Customized Stream Chat's UI and message handling to match product requirements, adding support for video and other file types.

Retailboon / **Kyobee** | *React Native, TypeScript/JavaScript, Zustand, PubNub*

- Rebuilt the original Swift/UIKit application from scratch in React Native for a shared codebase spanning 3 platforms: iOS, Android, and Windows.
- Built application UI, state management, and 2 operational modules – POS and Waitlist; implemented real-time communication using PubNub.
- Resolved Windows-specific platform issues and engineered a native Windows module for encryption and decryption not directly supported by React Native.

Retailboon Staff | *React Native, TypeScript/JavaScript, Zustand, PubNub, Biometric Authentication*

- Launched 3 staff workflows: POS, check-in/check-out, and attendance tracking with attendance history.
- Implemented biometric authentication within the shared React Native application ecosystem.

SetInfinite | *React Native, Expo, Expo Dev Client, Live Activities, Live Updates, Google Calendar, Google Maps, In-App Purchase, Firebase Analytics*

- Built task, alarm, timer, and stopwatch functionality for SetInfinite (setinfinite.com), a cross-platform daily planner and time-management app, forking and customizing an Expo alarm library to meet product-specific requirements.
- Implemented Expo Live Activities for iOS and Expo Live Updates for Android, designing distinct flows and UI per platform across the timer, stopwatch, and task features.
- Integrated Google Calendar sync, Google Maps location views, In-App Purchase subscriptions, and Firebase Analytics for usage tracking.

Arttoney | *Swift, UIKit, Twilio Chat, Twilio Video, RevenueCat, Braintree*

- Restored 2 Twilio communication channels – Chat and Video – reworking the video-call flow to meet product requirements.
- Implemented 2 payment integrations: monthly subscriptions with RevenueCat and consultation payments/lawyer payouts with Braintree.

Equiliberty | *Swift, UIKit, REST APIs, Core Location, AWS S3*

- Rolled out 6 areas of the Equiliberty product: onboarding, authentication, goal tracking, QR scanning, geofencing, and community feeds.
- Integrated REST APIs and AWS S3 for backend communication and media/storage functionality.

EDUCATION

Silver Oak University — August 2021 – August 2024
Bachelor of Technology in Computer Engineering — Ahmedabad, India

Government Polytechnic Ahmedabad — July 2018 – July 2021
Diploma in Computer Engineering — Ahmedabad, India