

RAJESH GUNASEKAR

Senior iOS Developer

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Summary

Senior iOS Engineer with 3+ years building native applications using Swift, UIKit and SwiftUI. Shipped 4 production apps with 500K+ combined downloads. Experienced in Combine, Core Data, and MVVM-C architecture, with a track record of crash elimination, build system migration, and end-to-end feature delivery in production environments.

Experience

Bounteous x Accolite

Jun 2023 – Present

Senior Software Engineer

Jul 2024 – Present

- **Rebuilt the Product Detail Page (PDP) using UICollectionView compositional layouts**, delivering a fully redesigned end-to-end ordering experience ahead of schedule.
- **Architected and delivered a multi-scenario Basket Transfer feature**, designing compatibility logic for 4 edge cases including cross-chain conflicts and partial item availability, coordinating state management across checkout, cart, and store coordinator flows.
- Diagnosed and eliminated memory leaks and unsafe retain cycles via Crashlytics triage and Xcode Instruments profiling, **reducing monthly crash volume by 88% and achieving a 99.85% crash-free session rate**.
- **Redesigned Twilio SMS OTP verification** as a standalone service layer, separating authentication logic from 3 dependent flows (checkout, profile, phone validation) to eliminate cross-flow coupling and reduce regression risk.
- **Led full CocoaPods → Swift Package Manager (SPM) migration** across 12 dependencies, eliminating build fragility, resolving package conflicts, and updating CI/CD pipeline configuration for automated dSYM uploads.
- **Engineered VoiceOver accessibility** across 5+ screens including PDP, checkout, and add-to-bag error flows.
- **Resolved long-standing production defects** across multiple releases through deep debugging and root-cause analysis, significantly improving application stability.
- **Executed loyalty platform migration from Punchh to PAR**, proactively surfacing and resolving critical edge cases across major flows, delivering a low-defect production release through cross-team collaboration.

Software Analyst

Jun 2023 – Jun 2024

- **Migrated a legacy iOS application from iOS 8 to iOS 14**, resolving deprecated APIs and restoring App Store compatibility, enabling successful re-release within **2 months**.
- **Diagnosed and fixed critical production crashes** through root-cause analysis, significantly improving application stability.
- **Resolved memory leaks and stability issues in a tvOS application** by fixing retain cycles and lifecycle-related bugs, improving performance during prolonged usage.
- **Cross-trained in React Native within active sprint cycles**, independently delivering 5+ high-priority screens and core business logic to meet client release deadlines without additional ramp-up time.
- **Handled UAT feedback cycles end-to-end**, working closely with QA to debug issues, implement client-requested changes rapidly, and deliver stable builds on time.

Education

B.E. in Computer Science and Engineering

Madras Institute of Technology, Anna University, Chennai

Graduated: 2023

CGPA: 9.03 / 10

Skills

iOS & Mobile Development: Swift, UIKit, SwiftUI, React Native

Frameworks & APIs: Combine, Core Data, REST APIs

Concurrency: GCD, async/await

Architecture & Practices: MVVM, MVVM-C, Clean Architecture, Unit Testing

Tools & Platforms: Xcode, App Store Connect, TestFlight, Git, GitHub, SourceTree, Postman, Proxyman

Core Strengths: Debugging, Performance Optimization, Memory Management, Code Reviews, Cross-functional Collaboration