

Raman Kumar

+91 9988130044
ramaniosdeveloper@gmail.com

Summary

Senior iOS Developer with 12+ years of experience building scalable iOS applications using Swift, SwiftUI, and UIKit. Skilled in MVVM, Clean Architecture, BLE/iBeacon systems, CI/CD pipelines, and delivering enterprise healthcare and IoT solutions.

Experience

Firminiq

October 2021 to November 2025

Technology Analyst / Team Lead

Chandigarh, India

- Led and mentored a team of 8–10 iOS developers, defining architecture and conducting code reviews.
- Managed cross-functional teams (iOS, Android, QA, Backend) ensuring end-to-end delivery.
- Migrated architecture from MVVM to Clean Architecture, improving maintainability and reducing bugs.
- Built modular SwiftUI components for Omron Connect v3.0 (Voltron).
- Implemented BLE/iBeacon connectivity for healthcare device ecosystems.
- Designed scalable REST API networking layer with caching and error handling.
- Achieved 90%+ unit test coverage using XCTest.
- Improved app performance by 40% and reduced crash rate by 30% using profiling and optimization.
- Contributed to applications used by 1M+ global users.

Mobile Programming LLC (A-1 Technology)

July 2013 to September 2021

Senior iOS Developer

Mohali, India

- Delivered multiple enterprise iOS apps in healthcare, IoT, and lifestyle domains.
- Integrated BLE devices, HealthKit, Firebase, and RESTful services.
- Contributed to architecture decisions, bug fixing, and performance optimization.

Skills

Languages: Swift, Objective-C

UI Development: SwiftUI, UIKit, Auto Layout, Storyboards, XIB

Architecture & Design Patterns: MVVM, Clean Architecture, VIPER, MVC, SOLID, Modular Architecture

Frameworks & Platforms: CoreBluetooth, iBeacon, HealthKit, MapKit, Core Data, Realm, PDFTron

Networking: REST APIs, URLSession, JSON, XML, SOAP

Security: Keychain Services, SSL Pinning, App Transport Security (ATS), Data Encryption, Secure Storage, Basic Jailbreak Detection

Notifications & Background Processing: Push Notifications, Background Tasks

Testing & Quality: XCTest, Unit Testing, UI Testing, Code Reviews, TDD, High Test Coverage

Performance Optimization: Instruments, Memory Leak Detection, Crash Reduction, Multithreading, GCD, Async/Await, App Performance Optimization

Tools & DevOps: Xcode, Git, GitHub, SVN, CI/CD, CocoaPods, Swift Package Manager (SPM), Jira, Linear, Figma

AI & Productivity Tools: GitHub Copilot for Xcode, ChatGPT

Websites, Portfolios and Profiles

- www.linkedin.com/in/raman-kumar-277476128
- <https://github.com/ramaniosdeveloper>

Education

RIMT College, Punjab Technical University

06/2013

Master of Computer Application: Computer Science

Projects

Voltron (Omron Connect v3.0), Firminiq, September 2024 - November 2025

- Led iOS team for **architecture design, sprint execution, and code reviews**.
- Engineered **scalable modular SwiftUI components**, improving reusability and app performance.
- Migrated application to **MVVM Clean Architecture (Use Case + Repository Pattern)** to improve maintainability.
- Introduced **LaunchDarkly feature flags** for controlled rollouts and safer releases.
- Enhanced **BLE and iBeacon communication** across connected medical devices.
- Designed **reactive data pipelines using Combine** for API, BLE, and state updates, reducing callback complexity.
- Applied **advanced SwiftUI state management** (ObservableObject, @StateObject, @EnvironmentObject) with dependency injection.
- Integrated **Combine with async/await concurrency** for high-frequency medical device data updates.
- Achieved **90%+ unit test coverage using XCTest**, improving stability and release confidence.

OMRON Connect, Firminiq, October 2021 - November 2025

- Developed healthcare features integrating **BLE and iBeacon medical devices**.
- Delivered **analytics dashboards and graph visualisation modules**.
- Created **reusable Swift & SwiftUI components** improving development efficiency.
- Performed **unit testing with XCTest** ensuring reliable builds.
- Improved **localization, performance optimization, and bug resolution**.

Jenny Craig, Mobile Programming LLC, October 2019 - September 2021

- Integrated **AWS authentication, HealthKit, and Fitbit APIs** for health data synchronisation.
- Enabled **BLE scale connectivity** for real-time health data capture.
- Architected **secure modules using Firebase and REST APIs**.

Other Key Projects, Mobile Programming LLC, January 2013 - August 2019

- **SBA (Master Lock):** BLE pairing and secure UI/API connectivity.
- **NoCell:** Motion detection features and MDM integration.
- **GO BT (Emerson Cargo):** Core Bluetooth connectivity and MDM implementation.
- **LCP Tracker:** PDFTron integration with SSO authentication.
- **Takeda:** Push notifications, Core Data storage, and analytics modules.
- **GoApp:** Notification system and social API integration.

Accomplishments and awards

- **FIRMINIQ- Core Value Award - 8/2025**