



Kanagasabapathy Rajkumar

Lead iOS Developer

iOS Native Programming



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Socials



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YouTube – Podcast Host
[SwiftPublished](#)



Sessionize – My Talks
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Education

B.Tech (ECE) – Kalasalingam University
2008 – 2012

Participation

Co-organizer in the Swift,
Bengaluru (SwiftBLR) Meetup

Featured

- Invited as a Conference Speaker by Do-iOS Developer Conference, Netherlands to present a talk on [Swift Concurrency 6.2](#)
- Presented at tech meetups and workshops on AI-powered development workflows: [Figma to SwiftUI](#), [Research Paper to iOS App](#) and [AI Powered Pull Requests](#)
- Invited as a Guest Speaker by AiDash to present a talk on Getting Started on [The Composable Architecture \(TCA\)](#)

Engagements

Drafting and publishing informative blog articles on [Medium](#) and [Swift Published](#) to share acquired knowledge

PROFESSIONAL SYNOPSIS

- Gained valuable experience in the IT field for over twelve years, specializing in mobile app development, with **10+ years focused on iOS**.
- Active conference speaker** and iOS Developer **community volunteer**, sharing expertise in **Swift concurrency** and **AI-powered development workflows**.
- Built reusable SDK modules and Swift Packages consumed across teams.
- Proficient in **Swift, Objective-C**, and UI components (**UIKit, SwiftUI**) for high-quality iOS applications, with contributions to diverse projects in **healthcare, BLE, e-learning, and e-commerce**.
- Implemented iOS architectural design principles (**MVVM, MVC, VIPER**), adhering to **SOLID Principles**.
- Guided development, analyzed data with **Google Analytics** and **Firebase**, mentored peers in code reviews, and collaborated smoothly using tools like **GitHub**.
- Proficient in Agile/Scrum with tools like **JIRA, Scrum**, and **Kanban Boards**, orchestrating the entire development process from requirement gathering to App Store release, including provisioning profiles and code signing certificates.

SKILLS

Language:
Swift, Objective-C

iOS Interface
SwiftUI, UIKit

iOS Frameworks
Combine, CoreBluetooth, CoreData, MapKit, CoreAnimation

Audio & Media
AVFoundation

Architecture
MVVM, MVC, VIPER

SDK Distribution
SPM, CocoaPods, XCFramework

Networking
URLSession, Alamofire, REST APIs

Unit Testing
XCTest, Swift Testing

Analytics
Firebase, TealiumiOS, Instabug

CI/CD Tools
Jenkins, Git, GitHub Actions

Version Control
Git, Bitbucket, GitHub, SourceTree

Agile Methodology
Scrum, Kanban, JIRA, Confluence

Experience

Mar 2024 – Present



NTT DATA
Lead iOS Developer

- Full-time Lead iOS engineer building enterprise banking applications serving millions of users.
- Architected reusable UI component library and Swift Packages for cross-team adoption.
- Mentored junior developers, conducted regular code reviews, and maintained codebase quality standards.

Oct 2018 – Jan 2024



Tech Mahindra
Senior iOS Developer

- Built real-time data capture and processing pipelines for IoT/BLE medical devices using CoreBluetooth with continuous data acquisition and low-latency requirements.
- Designed reactive data flow architectures using SwiftUI and Combine for streaming device data to UI and backend services.
- Configured background location session management (Background Modes) for persistent device communication.
- Created reusable SDK modules distributed via Swift Package Manager for internal product teams.

Aug 2014 – Aug 2018



Farshore Partners
Software Engineer

- Proficient in Objective-C and transitioned to Swift, contributing to dynamic restaurant apps, showcasing adaptability.
- Familiarity with essential iOS frameworks: MapKit, Core Data and Core Animation.
- Utilizes advanced drawing techniques (BezierPath, ShapeLayer) for visually appealing layouts.

Projects



App Banco Sabadell

- Architected and developed enterprise banking applications using modern iOS technologies
- Led cross-functional teams in delivering scalable financial solutions
- Integrated banking APIs and implemented robust data management systems

Tech Stack: Swift, Objective-C, UIKit, Storyboard, Cocoa Touch



Instrument Set Tracker

- Engineered real-time BLE data capture pipeline with continuous device communication, local buffer management, and server synchronization — handling concurrent data streams from multiple IoT sensors.

Tech Stack: Swift, SwiftUI, Combine, SPM, CoreData, CoreBluetooth, AVFoundation



Q Host Restaurant App

- Developed a Swift application for restaurants and optimized waitlist management to enhance overall efficiency.
- Elevated dining experiences through innovative features and functionalities.

Tech Stack: Swift, UIKit, Core Data, UIBezierPath, TDD, AutoLayout



Q Waitlist Guest App

- Developed Q-Customer, a Swift application focused on optimizing customer experiences.
- Provides a time-saving solution to locate restaurants on a map.

Tech Stack: Swift, UIKit, Core Data, UIBezierPath, TDD, AutoLayout