



DINESHBABU ELUMALAI

Senior iOS Engineer

Native Apple Platform Development

Contact

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Core Technical Skills

Languages & Apple

Frameworks

- Swift
- Objective-C
- UIKit
- SwiftUI
- Foundation
- Combine
- Core Data
- CoreBluetooth
- AVFoundation

Concurrency

- GCD
- Swift Concurrency / async-await, asynchronous workflows,
- state management

Architecture

- MVVM
- MVVM-C
- Modular Architecture
- Dependency Injection
- SOLID, Reusable Components

Integration

- REST APIs
- Codable, Authentication & Authorisation
- Firebase, Offline Workflows

Engineering

- Git
- Azure DevOps
- CI/CD
- Code Reviews
- Production Debugging
- Root Cause Analysis
- Performance Troubleshooting
- Agile / Scrum

Professional Summary

Senior iOS Engineer with 7+ years of experience in native Apple application development across banking, fintech, healthcare, e-commerce, and connected-device domains.

Strong hands-on experience with Swift, Objective-C, UIKit, SwiftUI, Foundation, Combine, CoreBluetooth, AVFoundation, MVVM/MVVM-C, REST APIs, and modular application architecture.

Experienced in end-to-end feature ownership, asynchronous application workflows, connected-device integration, production debugging, performance troubleshooting, code reviews, technical mentoring, and cross-functional engineering collaboration.

PROFESSIONAL EXPERIENCE

Russell Tobin | Client: BNP Paribas / BNL

Senior iOS Developer – Contract

Chennai, India | Oct 2025 – Present

- Develop and maintain production-grade native iOS features for the BNL mobile banking application using Swift, UIKit, Combine, Foundation, MVVM/MVVM-C, dependency injection, and REST APIs.
- Own complex banking and insurance features from requirement analysis and technical design through implementation, integration, debugging, validation, and release readiness.
- Delivered post-sales policy workflows covering withdrawal, annual cancellation, debit-account changes, document processing, OTP authorisation, and transaction-result handling.
- Designed reusable flow and session models and integrated asynchronous workflows for document retrieval, status validation, retry handling, OTP verification, and transaction processing.
- Implement dynamic UIKit interfaces, navigation coordination, application-state handling, validation, error recovery, and production issue resolution.
- Collaborate with backend engineers, QA teams, business analysts, onshore stakeholders, and mobile engineers through technical discussions and code reviews.

Hubino Technologies Pvt. Ltd., India

Software Developer (iOS)

Chennai, India | Jul 2021 – Jul 2025

- Built and maintained native iOS applications across e-commerce, healthcare, finance, and digital-product domains using Swift, SwiftUI, UIKit, Objective-C, Combine, Foundation, and REST APIs.
- Worked across modern Swift implementations and existing Objective-C codebases using MVVM/MVVM-C architecture.
- Integrated backend services supporting authentication, payments, customer accounts, analytics, notifications, ordering, and other business workflows.
- Integrated Firebase services including Crashlytics, Analytics, Messaging, and Remote Config.
- Investigated application crashes, API failures, UI/navigation defects, and performance issues while improving maintainability through reusable components and refactoring.
- Worked with Git, Azure DevOps, CI/CD pipelines, code reviews, production releases, and provided technical guidance to junior developers.

Dineshbabu Elumalai
Senior iOS Engineer | Native Apple Platform Development

Education

2011 – 2015

Knowledge Institute of Technology

Bachelor of Engineering – Computer Science and Engineering

Languages

- English – Professional Working Proficiency
- Tamil – Native

Experience

Unizen Technologies Pvt. Ltd., India

iOS Developer

Bangalore, India | Jun 2019 – May 2021

- Developed native iOS applications using Swift, Objective-C, UIKit, Foundation, and REST APIs across finance, healthcare, and connected-device domains.
- Implemented native UI, backend integrations, authentication, secure data handling, offline functionality, and application workflows.
- Developed and supported Bluetooth-connected device functionality using CoreBluetooth, along with media playback using AVFoundation.
- Diagnosed application, API, Bluetooth, and device-integration issues while collaborating with backend, QA, and cross-functional teams.

Selected Native iOS Projects

BNL – Mobile Banking & Protection Policies 🔗

- Delivered native banking and insurance workflows covering policy withdrawal, cancellation, debit-account changes, document processing, OTP signing, transaction verification, and error recovery.
- Designed reusable models and navigation flows and integrated asynchronous REST services for document retrieval, status validation, and retry handling.

Technologies: Swift, UIKit, Foundation, Combine, MVVM/MVVM-C, Dependency Injection, REST APIs, Codable

Mighty Audio – Connected Music Device Application 🔗

- Developed native iOS functionality connecting the application with portable hardware devices using Swift, Objective-C, CoreBluetooth, and AVFoundation.
- Supported Bluetooth communication, media playback, offline functionality, backend integration, and debugging across application, hardware, and service boundaries.

Technologies: Swift, Objective-C, UIKit, Foundation, CoreBluetooth, AVFoundation, REST APIs

Insomnia Cookies – E-commerce & Delivery Application 🔗

- Developed customer-facing ordering and delivery features using Swift, SwiftUI, UIKit, Combine, and MVVM/MVVM-C.
- Integrated APIs for ordering, payments, loyalty, customer accounts, delivery workflows, and Firebase services.

Technologies: Swift, SwiftUI, UIKit, Combine, MVVM/MVVM-C, REST APIs, Firebase, Core Data