

ASHWIN M PAI

iOS Developer | Swift | SwiftUI | UIKit

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PROFESSIONAL SUMMARY

iOS Developer with 2.5+ years of experience building scalable, high-performance mobile applications using Swift, SwiftUI, and UIKit. Specialized in offline-first architecture, real-time data synchronization via WebSockets (WSS) and REST APIs, SQLite data management, and BLE/UWB integrations. Experienced in MVC/MVVM patterns and server-side Swift (Vapor).

TECHNICAL SKILLS

Languages & Frameworks: Swift, SwiftUI, UIKit, ReactJS

Architecture: MVC, MVVM, Clean Architecture, Offline-First

iOS & Mobile: iOS SDK, Xcode, Deep Linking, Push Notifications, Background Tasks, MapKit, BLE, UWB

Networking & Data: REST APIs, WebSockets (WSS), JSON Parsing, SQLite, Async/Await

Tools: Git, GitHub, Jira, Instruments, Vapor

PROFESSIONAL EXPERIENCE

Sclera VDMS Private Limited

November 2023 – Present

iOS Engineer

Mangaluru, KA

- Architected an offline-first, real-time mobile system using WebSockets (WSS) and SQLite, enabling reliable bidirectional data sync with seamless online-offline transitions in low-connectivity environments.
- Migrated mobile backend from Telegraph Server to Vapor (server-side Swift), improving scalability, maintainability, and aligning with production-grade best practices.
- Implemented deep iOS system integrations including offline-capable role-based push notifications, Calendar export with alerts, and deep linking to native Maps.
- Built an indoor positioning system using BLE (Bluetooth Low Energy) and UWB trilateration, achieving accurate real-time indoor location tracking.

Robosoft Technologies

February 2023 – May 2023

Frontend Developer Intern

Udupi, KA

- Developed an e-commerce web application (Bazaar) using ReactJS and React Hooks; integrated REST APIs via Axios and implemented responsive UI with Tailwind CSS.

PERSONAL PROJECTS

JP Apex Predators — SwiftUI, MapKit

- iOS app with browse, search, sort, and filter for Jurassic Park predators; integrated MapKit for location visualization and smooth animations using SwiftUI best practices.

Breaking Bad Quotes App — SwiftUI, REST API, Swift Concurrency

- SwiftUI app using async/await concurrency for network requests, custom JSON decoding, tab-based navigation, and robust optional handling with proper access control.

EDUCATION

B.E. in Information Science & Engineering — NMAMIT, Nitte

CGPA: 8.85 / 10

July 2019 – July 2023

CERTIFICATIONS

- iOS 18, SwiftUI 6 & Swift 6 + AI Integration (ChatGPT & Gemini) – Udemy.
- Modern React with Redux – Udemy.
- SQL Basic Skills – HackerRank.