

DARSHAN RAJU

Senior iOS Engineer

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PROFESSIONAL SUMMARY

Senior iOS Engineer with 11+ years architecting scalable, high-performance iOS and iPadOS applications for enterprise and consumer products. Track record leading engineering teams, modernizing codebases toward SwiftUI and Swift Concurrency, and shipping features that improved crash-free sessions to 99% and cut release cycle time by 50% through CI/CD automation. Comfortable owning architecture end-to-end, from technical design through App Store release, and mentoring engineers along the way.

TECHNICAL SKILLS

Languages & Core: Swift (Swift 6), Swift Concurrency (Async/Await, Actors), Objective-C (Legacy/Prior)

Frameworks & SDKs: SwiftUI, Combine, UIKit, Core Data, Swift Charts, MapKit, AVFoundation

Architecture: MVVM-C, Clean Architecture, VIPER, Modular Architecture, Dependency Injection, Repository Pattern, SOLID

Testing & Performance: Unit/UI Testing (XCTest), Instruments (Time Profiler, Leaks), Crashlytics

CI/CD & Tools: Xcode Cloud, Swift Package Manager, Git, Fastlane

WORK EXPERIENCE

Independent iOS Developer | Self-Directed Projects • *Bangalore* • *Jul 2025 – Present*

- Designed and built independent iOS projects to stay current on Swift 6 concurrency models, actor-based isolation, and advanced SwiftUI state management, following a planned career break.
- Prototyped a SwiftUI app using the Observation framework and structured concurrency to explore patterns for migrating legacy UIKit/Combine codebases to SwiftUI.

Senior iOS Developer | Buyogo Technologies • *Bangalore (remote)* • *Jan 2023 – Jun 2025*

- Owned the end-to-end architecture for three enterprise iOS/iPadOS applications supporting operations across 100+ manufacturing facilities in seven countries, defining technical direction, architecture standards, and delivery strategy.
- Built Solvei8, an operational analytics app with Swift Charts dashboards plotting 10,000+ data points; optimized the rendering pipeline to cut CPU spikes by 40% and memory overhead by 35%.
- Redesigned Solvei8 on MVVM-C and Combine with a local caching layer, cutting repetitive API calls by 50% and bringing page loads under 1 second.
- Refactored Maintaini8's dashboard to an event-driven Combine architecture and overhauled its AVFoundation QR-scanning pipeline, battery use by ~20% over 8-hour shifts, and scan latency by ~35%.
- Established CI/CD workflows on Xcode Cloud, taking release cycles from roughly 4 weeks to 2 weeks (a 50% increase in release velocity).
- Led an 8-member engineering and QA team and coordinated with backend, design, and QA, cutting project delivery timelines by 20%.

Senior iOS Developer | Zilingo Funline Pvt. Ltd. • *Bangalore* • *Dec 2016 – Dec 2022*

- Owned the Zilingo Buyer and Seller apps end-to-end, from architecture and testing through production release, driving UI/UX and performance work that secured a 4.9 App Store rating.
- Built a server-driven layout architecture for the Buyer App's home and category views, enabling design updates without App Store releases and supporting growth to ~150K daily active users.
- Engineered a backend-driven checkout engine integrating regional payment gateways (BNPL, local wallets) and localized tax rules across 5 countries, cutting checkout drop-offs by ~18%.

- Architected an idempotent batch-processing engine for the Seller App's SKU matrices, achieving 99.9% inventory sync accuracy and eliminating overselling on unstable networks.
- Led a stability and performance initiative that resolved technical debt and reduced app latency, raising crash-free sessions to 99%.
- Mentored four junior engineers on code quality and platform standards, and ran regular code reviews and pair programming sessions.

Mobile Application Developer (iOS) | Antly Pvt. Ltd. • *Bangalore* • *May 2016 – Nov 2016*

- Built an educational iOS application integrating real-time data feeds for reporting and events.
- Maintained and optimized application responsiveness and core UI components.

iOS Developer | Techjini Solutions Pvt. Ltd. • *Bangalore* • *Sep 2014 – May 2016*

- Developed features across 5-6 iOS products, contributing to an 85% increase in client approval ratings.
- Built adaptive UI components using modular design patterns to improve code reusability.

EDUCATION

Bachelor of Engineering, Information Science & Engineering • *Jul 2010 – Jun 2014*

Vidyavardhaka College of Engineering, Mysuru, Karnataka (Visvesvaraya Technological University)