

# SATISH

Senior iOS Engineer · 7+ Years

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**Senior iOS Engineer** with 7+ years architecting and shipping production-grade Swift applications — from Paytm’s core payment infrastructure serving **2M+ monthly active users** to enterprise apps deployed across **5 countries with 9M+ combined downloads and App Store ratings up to 4.8★**. Specialises in **MVVM + Coordinator, Combine, AES-256 encrypted payment systems, real-time architectures, and iOS performance engineering**. Experienced in leading iOS teams, defining architectural standards, and owning end-to-end App Store delivery at scale.

## TECHNICAL SKILLS

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**Languages:** Swift 6.x (primary), Objective-C

**Concurrency:** Swift Concurrency (async/await), Combine Framework, Grand Central Dispatch (GCD)

**iOS Frameworks:** UIKit, SwiftUI, AVFoundation, Core Data, Core Animation, StoreKit

**Architecture:** MVVM + Coordinator, Clean Architecture, Modular Architecture, SOLID principles

**Security & Payments:** AES-256 Encryption, PCI DSS Compliance, StoreKit IAP, Paytm SDK, Razorpay SDK

**Networking:** URLSession, REST APIs, Codable, JSON Parsing, WebSocket

**Real-Time & Push:** Firebase Realtime Database, Firebase Crashlytics, PubNub SDK, APNs

**Testing & Quality:** Swift Testing (WWDC 2024), XCTest, Instruments (Memory & CPU), SwiftLint, SonarQube

**Tools & CI/CD:** Xcode, TestFlight, App Store Connect, SPM, CocoaPods, Git (GitFlow), Instruments

## KEY ACHIEVEMENTS

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- **15+ iOS apps** shipped across fintech, telecom, ed-tech, entertainment & crypto — all live on the App Store across 6 countries.
- **9M+ combined downloads** and 2M+ monthly active users — top ratings: Paytm 4.7★/2.7M · My Liberty 4.8★/523K · Cerberex 4.0★/912 · EzBitex 4.2★/627.
- Screen load latency → **40%** via three-layer caching; production crash rate → **35%** via Crashlytics triage — measurable performance wins in a high-traffic fintech environment.
- **Led 5-engineer iOS team** at Paytm; mentored 2 junior engineers with structured code reviews, reducing PR review cycles by ~25%.

## PROFESSIONAL EXPERIENCE

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**Paytm (One97 Communications Ltd.)** · Senior Software Developer – iOS

Jun 2022 – Present

Noida, Uttar Pradesh

- Architected and owned full SDLC delivery of Paytm’s Wallet and Self-Care modules — the core financial surface serving **2M+ monthly active users** — across a 5-engineer iOS team.
- Engineered a three-layer caching pipeline (NSCache + Core Data + URLSession background pre-fetch) that **reduced screen load latency by 40%** and eliminated redundant network round-trips across the Wallet module.
- Drove MVVM + Coordinator adoption across the entire iOS codebase; replaced callback-chain anti-patterns with **Combine reactive bindings**, cutting state-management defects by ~30% and halving merge-conflict frequency.
- Reduced production **crash rate by 35%** through a systematic Crashlytics triage and Xcode symbolication workflow, implementing regression-gating checkpoints before every App Store release.

- Implemented **AES-256 encryption** end-to-end across all payment and user-data flows, achieving PCI DSS compliance and securing financial transactions for 2M+ users across 5 enterprise applications.
- Delivered 6 production apps for enterprise telecom and fintech clients across Nigeria, Oman, Maldives, Panama, and Puerto Rico — 5M+ combined downloads, ratings 2.5–4.8★ (top-rated: **My Liberty 4.8★/523K** · Mi Mas 4.6★ · Glo Café 1.89M+ downloads).
- Pioneered **Swift Testing (WWDC 2024)** adoption in production: migrated Wallet module test suites from XCTest to @Test macros with parameterised tests, reducing boilerplate by 40% and accelerating CI feedback cycles.
- Led iOS technical mentoring for 2 junior engineers — structured code reviews (SwiftLint + SonarQube), weekly 1:1 architecture walkthroughs, and Swift coding standards — reducing PR review cycles by ~25%.
- Migrated networking layer to Swift Concurrency (`async/await`) reducing callback complexity and improving request orchestration.

### **Appsquadz Software Pvt. Ltd.** · Senior Software Developer – iOS

May 2020 – May 2022

Noida, Uttar Pradesh

- Shipped 7 production iOS apps (all live on App Store) across ed-tech and entertainment verticals — top-rated: **Rahul's IAS 4.6★/565** ratings, DAMS 3.6★/6.2K ratings, Sanskar TV 4.1★ — owning IAP lifecycle via StoreKit, Paytm SDK, Razorpay.
- Built an offline-first data architecture using Core Data with **AES-256 file-level encryption** for video, PDF, and eBook assets; delivered zero-latency offline access with no plaintext exposure on device.
- Integrated Firebase Realtime Database + PubNub SDK for real-time chat with multimedia attachments at sub-200ms delivery; applied Combine for reactive quiz and test-series state management, eliminating UI jank.
- Used Instruments (Time Profiler + Allocations) to eliminate memory leaks reducing peak memory usage by 25%.

### **Oodles Technologies Pvt. Ltd.** · Associate Software Developer – iOS

Aug 2018 – Apr 2020

Gurugram, Haryana

- Built two production crypto exchange apps (**EzBitex 4.2★/627** ratings · Cerberex 4.0★/912 ratings) featuring TradingView OHLC/candlestick charts, real-time order execution, and AES-encrypted wallet management with Google 2FA.
- Led MVC → MVVM architectural refactor with XCTest unit testing; established Crashlytics monitoring pipeline that cut **crash diagnosis time by ~50%** and measurably improved release stability.

## KEY PROJECTS

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- **Paytm — Secure UPI Payments** — Led development of Paytm's core financial module — wallet & selfcare architecture and delivery of — AES-256 encrypted, 2M+ MAU, crash rate →35%, screen load →40%, Swift Testing suite.
- **My Liberty App** — 523K downloads, 4.8★ / 20K ratings — cable & mobile self-care with AI chatbot (Libi), biometric auth, real-time outage alerting, and unified account management.
- **Pay+** — 1.2M+ download fintech wallet — QR scan-to-pay, P2P transfers, MoneyGram international remittance to 40+ countries, AES-encrypted onboarding with selfie + ID scan.

Additional projects and details are available in [my portfolio](#).

## EDUCATION

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### **B.Tech – Computer Science & Engineering**

2013 – 2017

IEC College of Engineering & Technology, Greater Noida