

SIDDHANT KUMAR

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SUMMARY

iOS Engineer with 6 years of experience building high-scale applications in fintech, travel, and e-commerce. Proficient in MVVM, VIPER, and Clean Architecture, with deep expertise in performance-critical systems — including real-time socket infrastructure, mTLS networking, payload optimization, and modular SwiftUI migration. Experienced in leading iOS teams, owning release health, and driving measurable improvements in API reliability, crash rates, and developer velocity.

EXPERIENCE

INDMONEY | Senior Software Engineer, iOS

May 2025 – Present · Gurugram, IN

- Built and maintain a resilient networking layer over URLSession implementing mTLS (certificate pinning), IPv6 support, request retry/backoff, and failover strategies — improving API success rates from 93% to 95% and reducing P90/P99 latency.
- Built and maintain a real-time socket-based system using NATS SDK for WebSocket fallback and global position syncing, eliminating user-reported order latency complaints and ensuring instantaneous trade status updates.
- Re-engineered the US Stocks trade engine, implementing complex order types and resolving critical execution bugs — reducing order rejection rates from 3% to 0.5% (an 83% reduction), ensuring orders placed by users were executed successfully at a much higher rate.
- Designed and maintain a dynamic feature-flagging system supporting controlled rollouts, live A/B testing, and instant production kill-switches.
- Integrated Brotli compression for document and JS formula delivery, achieving 60%+ payload reduction and enabling fast load times even on slow mobile connections (3G/4G), while meaningfully reducing user data consumption.
- Pioneered hot-reload functionality for JS-driven pages, reducing development cycle times from several minutes to within 10 seconds and materially accelerating feature delivery.
- Applied Swift concurrency primitives — GCD, Async/Await, and Task — to resolve race conditions and ensure thread-safe execution across network and UI operations.
- Profiled and optimized app performance using Instruments, identifying and resolving memory leaks and improving runtime efficiency across critical user flows.

TRAVCLAN | Lead Engineer, iOS

Mar 2022 – Apr 2025 · New Delhi, IN

- Led a team of 4 engineers across iOS and Flutter platforms, delivering multiple products including a standalone B2C Flutter app — letting travellers view itineraries, download vouchers and e-tickets, and chat with support for agent-booked trips.
- Designed and enforced a VIPER-based architecture with dependency injection and SOLID principles, improving modularity, testability, and enabling parallel feature development across the team.
- Owned all production metrics and release health — maintaining a 99% crash-free user rate using Crashlytics, overseeing App Store submissions, staged rollouts, and incident response.
- Spearheaded core travel and fintech modules — flights, hotels, packages, and payments — including complex booking management flows (modifications, cancellations, support ticketing).
- Engineered and maintained CI/CD pipelines for iOS and Flutter using GitHub Actions, managing multi-environment configurations and enforcing code quality via SwiftLint.

WEBKUL | iOS Developer

Jun 2019 – Mar 2022 · Noida, IN

- Designed and shipped 10+ production-grade iOS applications across e-commerce verticals (Magento 2, OpenCart, PrestaShop, CS-Cart), owning the full lifecycle from architecture to App Store deployment.
 - Engineered a reusable modular iOS component library consumed across all client projects, reducing per-project UI development effort and enforcing UX consistency at scale.
 - Led migration of legacy Swift 2/3/4 codebases to Swift 5, eliminating deprecated APIs, improving runtime stability, and reducing crash rates across multiple live applications.
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SKILLS

Languages & Frameworks

Swift · SwiftUI · UIKit · Combine · GCD · NATS · URLSession · VIPER · MVVM

Networking & Data

REST · WebSocket · mTLS · Protobuf · Brotli · Core Data

Observability

Firebase · Crashlytics · New Relic · MixPanel

Tooling & DevOps

Xcode · SPM · CocoaPods · Git · GitHub Actions · SwiftLint · Instruments · App Store Connect · TestFlight

Testing

XCTest · Swift Testing

Familiar

Flutter · Dart · Objective-C · JavaScript · Shell Scripting

EDUCATION

Greater Noida Institute of Technology (GNIoT)

B.Tech in Computer Science · Noida, UP, India

Jun 2015 – Jun 2019

Jesus Mary Academy

12th Grade — PCM

Apr 2013 – Mar 2015