

ARCHANA SINGH

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SENIOR IOS ENGINEER | SWIFT | SWIFTUI | UIKIT | MVVM |
PERFORMANCE OPTIMIZATION

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PROFESSIONAL SUMMARY

Senior iOS Developer with 6+ years of experience building scalable, production-grade UIKit-based applications. Currently working on SwiftUI migration, modern MVVM-based architecture, and app performance optimization, including memory management and crash reduction for enterprise applications.

KEY SKILLS

- Languages: Swift, Objective-C, Dart
- Frameworks: UIKit, SwiftUI, Flutter, Cocoa Touch
- Architecture: MVVM, MVC, Clean Architecture
- Databases: Core Data, Realm, SQLite
- APIs & Services: REST APIs, Firebase, APNS, FCM
- Payments: CCAvenue, PayU, Paytm, PayPal, Stripe
- Maps & Analytics: Google Maps, MapKit, Firebase Crashlytics
- Tools: Xcode, Git, GitLab, CocoaPods

WORK EXPERIENCE

Comtech IT Solutions Pvt. Ltd | 10th May 2019 – 15th Jan 2026

- Led development of high-traffic enterprise iOS applications using Swift, UIKit, and SwiftUI, achieving 99% crash-free sessions across production releases.
- Architected and implemented modular, scalable, and maintainable codebases following MVVM and Clean Architecture principles.
- Worked on Flutter modules for selected cross-platform requirements using Dart, ensuring consistency across platforms.
- Collaborated with product owners and stakeholders to translate business requirements into technical specifications and robust mobile solutions.
- Optimized application performance, memory management, and resource utilization for large-scale enterprise deployments.
- Integrated third-party SDKs, REST APIs, payment gateways, analytics, and location-based services.
- Managed the end-to-end mobile development lifecycle, including requirement analysis, development, testing, and App Store deployment.
- Implemented advanced features such as push notifications (FCM/APNS), geofencing, real-time data synchronization, and multi-language support.
- Mentored junior developers, conducted code reviews, and led knowledge-sharing sessions to improve code quality and team productivity.

KEY PROJECTS

INDIAN OIL MPOWER (IOS & FLUTTER)

- Enterprise-grade mobile application for Indian Oil employees to manage internal operations on the go.
- Designed and implemented scalable features with secure authentication, real-time updates, and role-based access. Focused on performance optimization and stability for large enterprise user base.

Technologies: Swift, UIKit, Dart, MVVM, Firebase, FCM

App Store: <https://xsparsh.indianoil.in/IOCLApps/mpowerone.jsp>

INDIAN OIL ONE (IOS & FLUTTER)

- Consumer-facing mobile app providing access to LPG accounts, loyalty programs, and fuel services from a single platform.
- Built scalable architecture supporting multi-language functionality and high concurrent user traffic.
- Integrated Firebase services for analytics, notifications, and real-time updates.

Technologies: Swift, UIKit, Dart, MVVM, Firebase, Multi-language Support

App Store: <https://apps.apple.com/in/app/indianoil-one/id1444511410>

INDIAN OIL FOR BUSINESS (IOS)

- Business-facing iOS application enabling Indian Oil partners to manage operations and deliver seamless customer experiences.
- Implemented secure payment gateway integrations and location-based features using Google Maps.
- Delivered clean and intuitive UI using SwiftUI following MVVM architecture.

Technologies: Swift, SwiftUI, UIKit, MVVM, Google Maps API, Payment Gateways

App Store: <https://xspars.h.indianoil.in/IOCLApps/iofb.jsp>

LOVETHEAPP+ (IOS)

- Premium dating application featuring real-time chat, audio, and video calling capabilities.
- Integrated third-party communication SDKs for reliable messaging and calling experience.

Technologies: Swift, UIKit, QuickBlox, Sinch, Real-time Messaging

App Store: <https://apps.apple.com/in/app/lovetheapp/id1526019913>

CROSSCONNECTION (IOS)

- Social media application with post sharing, group chat, and real-time messaging features.
- Implemented scalable messaging architecture and optimized app performance.

Technologies: Swift, UIKit, MVVM

EDUCATION

- Bachelor of Computer Applications (BCA) – Kumaun University
- 12th – Uttarakhand Board
- 10th – Uttarakhand Board

LANGUAGES

- English
- Hindi