

Shivanand Koli

iOS Developer | Swift • SwiftUI • UIKit • iOS SDK

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PROFESSIONAL SUMMARY

iOS Developer with **3+ years of experience** building, optimizing, and deploying **production-grade iOS applications** using **Swift, SwiftUI, UIKit, and iOS SDK**. Strong expertise in **app lifecycle management, memory management, Swift Concurrency (async/await, GCD), and MVVM architecture**. Proven experience in **REST API integration, Core Data, Firebase, Maps, Bluetooth LE, and performance optimization using Xcode Instruments**. Adept at **CI/CD pipelines, App Store submission, unit/UI testing**, and Agile/Scrum collaboration.

TECHNICAL SKILLS

- **Languages:** Swift, Objective-C (Basic)
- **iOS Frameworks:** SwiftUI, UIKit, Combine, Core Data, MapKit, CoreLocation, AVFoundation, iOS SDK
- **Architecture & Design:** MVC, MVVM, Clean Architecture, SOLID Principles, Design Patterns
- **Tools & Platforms:** Xcode, Xcode Instruments, Git, Fastlane, TestFlight, CocoaPods, Swift Package Manager, Postman, Jira
- **Testing & Debugging:** XCTest, XCUITest, Crash Analysis, Performance Profiling, Firebase Crashlytics
- **Development Practices:** REST APIs, JSON, Bluetooth LE, Push Notifications, Auto Layout, Accessibility (WCAG), Localization, Multithreading, CI/CD Pipelines, Agile, Scrum

PROFESSIONAL EXPERIENCE

iOS Developer | KPIT Technologies, Pune

Nov 2023 – Present

- Developed and maintained a large-scale navigation-based iOS application using Swift, SwiftUI, and UIKit supporting real-time maps, Bluetooth-connected devices, and voice interactions.
- Refactored legacy modules and optimized app lifecycle handling, reducing crash rates by **35%** and improving performance by **20%**.
- Integrated **Google Maps SDK** for real-time route tracking, geofencing, and location updates used by **10K+ active users**.
- Implemented **Bluetooth LE communication** with external hardware devices, achieving **99% connection stability** and reliable data transfer.
- Built accessible and responsive UI using **SwiftUI, UIKit, and Auto Layout constraints**, ensuring WCAG accessibility compliance.
- Implemented voice command functionality using **Apple Speech framework** to enhance hands-free usability.
- Performed crash analysis and performance profiling using **Xcode Instruments and Firebase Crashlytics**.
- Collaborated with QA and backend teams in **Agile/Scrum** workflows and managed deployments using **Git, Fastlane, and TestFlight**.

iOS Developer Intern | KPIT Technologies, Pune

Jan 2023 – Nov 2023

- Developed **TaskMate**, a to-do iOS application with CRUD operations and persistent storage using **UserDefaults**.
- Designed responsive UI using **UIKit and Auto Layout** for multiple screen sizes and device orienta-

tions.

- Implemented input validation, debugging, and participated in **code reviews and Git-based version control**.

PROJECTS

Expense Tracker App | Swift, SwiftUI, Core Data, Firebase

Aug 2023 – Sept 2023

- Designed and developed a personal finance iOS application to track income and expenses with category-based analytics.
- Integrated **Firebase Authentication and Firestore** for secure login and real-time data synchronization.
- Implemented an **offline-first architecture** using Core Data for seamless usability without network connectivity.

Weather App | Swift, UIKit, REST APIs

Nov 2023 – Jan 2024

- Built an iOS weather application using UIKit and REST APIs to fetch real-time data from OpenWeatherMap.
- Implemented location-based search using **CoreLocation** with robust error handling and offline caching.

EDUCATION

Bachelor of Technology (Information Technology)

2019 – 2023

JSPM's Rajarshi Shahu College of Engineering, Pune

CERTIFICATIONS

- iOS & Swift – The Complete iOS App Development Bootcamp, Udemy (2023)
- SwiftUI Masterclass – iOS App Development & SwiftData (2025)

ACHIEVEMENTS

- Secured **1st Position** in **CodeVista Challenge 3.0** organized by **KPIT Academy** among company-wide participants.
- Solved **130+ LeetCode problems** focused on Data Structures and Algorithms.
- Selected for **Zensar Employability Skills Development (ESD)** program through aptitude-based screening.