

Sachin Pandey

iOS Engineer | Noida, India | +91 6307465257 | sachin1838210040@gmail.com | linkedin.com/in/sachin-pandey

PROFESSIONAL SUMMARY

iOS Engineer with 2+ years of experience building scalable mobile applications using Swift, SwiftUI, and UIKit. Expert in MVVM architecture, Swift concurrency, WebSocket real-time communication, and Firebase integration. Strong foundation in SOLID principles, design patterns, and API integration.

TECHNICAL SKILLS

Languages: Swift, Objective-C

iOS Frameworks: UIKit, SwiftUI, Combine, Foundation, AVFoundation, CoreAnimation

iOS Core APIs: Core Data, MapKit, Mapbox, URLSession, WebSocket, Local Storage, In App Purchases, CoreLocation, UserNotifications

Architecture Patterns: MVVM, MVC, VIPER, Clean Architecture

Design Principles: SOLID Principles, Design Patterns (Singleton, Observer, Factory, Adapter), DRY, KISS

Concurrency & Performance: Swift Concurrency (Async/Await), Grand Central Dispatch (GCD), OperationQueue, Thread Safety, Memory Management, Instruments, Profiling

Networking: REST APIs, WebSocket Protocol, JSON Parsing, URLSession, Alamofire, HTTP/HTTPS, API Error Handling

Real-time Communication: WebSocket Integration, Socket.io, Firebase Realtime Database, Push Notifications

Backend Integration: Firebase (Analytics, Crashlytics, Auth, Realtime DB, Cloud Functions), REST APIs

Payment Integration: Stripe Payment Gateway, Apple In App Purchases

Analytics & Monitoring: Firebase Analytics, Crashlytics, App Store Analytics

Advanced iOS: Dependency Injection, Service Locator, Modular Architecture, Code Organization, Reusable UI Components, Offline Data Synchronization

Testing & Debugging: Unit Testing (XCTest), UI Testing, Debugging Tools, Breakpoints, LLDB, Xcode Debugging

Version Control: Git, GitHub, Branching Strategies, Code Review

Developer Tools: Xcode, CocoaPods, Swift Package Manager (SPM), Homebrew, Terminal

CI/CD & DevOps: CI/CD basics, GitHub Actions, TestFlight, App Store Connect

Computer Science Fundamentals: Data Structures (Arrays, Linked Lists, Stacks, Queues, Trees, Graphs), Algorithms, Complexity Analysis (Big O), Sorting & Searching

EXPERIENCE

iOS Developer

Apr 2024 – Present

Chetu India Pvt Ltd

Noida, India

- Develop and maintain scalable iOS applications using Swift, SwiftUI, UIKit, and modern MVVM architecture patterns
- Integrate third-party SDKs, REST APIs, WebSocket services, and backend APIs to deliver production-ready features with error handling and resilience
- Implement complex UI layouts using SwiftUI and Combine framework with reactive programming patterns for real-time data updates
- Leverage Swift async/await concurrency model for non-blocking network requests, database operations, and smooth UI responsiveness
- Optimize application performance through memory profiling, code review, and best practices achieving optimal load times and frame rates
- Collaborate with backend developers, QA teams, and product managers in Agile/Scrum environments using Git version control and code reviews
- Implement Firebase integration for analytics, crash reporting, authentication, and real-time database synchronization

Trainee iOS Developer

Oct 2023 – Mar 2024

Chetu India Pvt Ltd

Noida, India

- Completed intensive bootcamp training in iOS development with hands-on projects in Swift, UIKit, SwiftUI, and Core Data
- Built internal iOS applications to master architecture patterns (MVVM, MVC), design patterns, and mobile development best practices

- Implemented REST API integrations, JSON parsing, URLSession networking, and error handling using modern Swift concurrency
- Mastered Git workflows including branching strategies, pull requests, code review processes, and collaborative development practices
- Developed debugging skills using Xcode debugger, LLDB, console logging, and performance profiling tools

PROJECTS

Live Creator Platform | *Swift, SwiftUI, Async/Await, WebSockets, Firebase, REST APIs, MVVM* Production App

- Architected and developed a live streaming and short-form video platform enabling creators to broadcast, battle, and connect with audiences
- Built real-time messaging inbox module using WebSocket integration for instant creator-to-viewer communication
- Developed responsive home screen featuring reel feed with infinite scrolling, lazy loading, and content optimization using SwiftUI and Combine
- Implemented modern concurrency patterns with Swift async/await for non-blocking network requests and UI updates
- Integrated Firebase Analytics, Crashlytics, Authentication, and Realtime Database for scalable backend services
- Optimized app performance achieving 60 FPS rendering and reduced memory footprint through proper resource management and Instruments profiling
- Published on App Store with 50K+ downloads and maintained 4.5+ star average rating through continuous optimization

AI Code Review Xcode Extension | *Swift, Xcode Source Editor Extension, API Integration, AI/ML* Internal Developer Tool

- Developed a SwiftUI-based Xcode Source Editor Extension integrating AI-powered code review and optimization engine
- Implemented bidirectional communication between Xcode extension and backend AI service using REST APIs and error handling
- Enabled real-time analysis of Swift source files with inline code suggestions, documentation generation, and refactoring recommendations
- Integrated custom UI components within Xcode environment using SwiftUI for seamless developer experience
- Improved developer productivity with AI-assisted code analysis, reducing code review time and enhancing code quality standards

Mom and Baby Healthcare Tracking App | *Swift, SwiftUI, UIKit, Core Data, REST APIs, Payment Processing* Production App

- Architected and developed a comprehensive iOS health tracking application with offline-first approach using Core Data
- Designed and implemented complex data models for tracking feeding, hydration, sleep, activities with CRUD operations
- Integrated Stripe payment gateway and Apple In-App Purchases for subscription management and secure transaction handling
- Built interactive dashboards and charts using third-party charting SDKs for health metrics visualization and analytics
- Implemented secure REST API communication with proper encryption, error handling, and offline data synchronization
- Utilized SwiftUI for modern responsive UI with state management using Combine framework for reactive data binding

EDUCATION

B.Tech in Computer Science and Engineering

Kamla Nehru Institutes of Physical and Social Science

CGPA: 7.3

2023