

Harshit Diyora

Lead Cloud Engineer - Mobile

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Professional Skill

Technical Skills & Impact

- **Mobile Development (iOS & Android):** Led development of scalable mobile applications using **Swift, Objective-C, SwiftUI**, and **Kotlin/Java**, delivering apps with **99.9% crash-free sessions** and supporting **100K+ active users**.
- **Cross-Platform Development:** Built and maintained applications using **Flutter** and **React Native**, reducing **development time by 30–40%** through shared codebases while maintaining near-native performance.
- **iOS UI Development:** Designed and implemented responsive UIs using **SwiftUI, UIKit**, and **Auto Layout**, improving **user engagement by 20%** and reducing UI-related bugs by **25%**.
- **Android Development:** Developed modern Android applications using **Jetpack components** and **MVVM**, improving app startup time by **35%** and reducing ANRs significantly.
- **Architecture & Scalability:** Implemented **MVVM** and **Clean Architecture**, reducing code complexity and improving maintainability, leading to **40% faster feature development cycles**.
- **Computer Vision & ML Integration:** Integrated **MediaPipe** and **Vision Framework** for real-time pose detection and analysis, achieving **~95% accuracy** and enabling advanced user-facing features.
- **API Integration & Backend Communication:** Optimized **REST API** integrations and data handling, reducing API response handling time by **30%** and improving app responsiveness.
- **Third-Party SDK Integration:** Integrated tools like **Alamofire, SDWebImage, ARKit**, and **Core Location**, accelerating feature delivery timelines by **25%**.
- **CI/CD & Automation:** Implemented CI/CD pipelines using **Jenkins** and **Fastlane**, reducing manual deployment effort by **60%** and improving release frequency.
- **Version Control & Collaboration:** Streamlined workflows using **Git, GitHub**, and **Bitbucket**, improving team productivity and reducing merge conflicts by **30%**.
- **Testing & Debugging:** Increased unit and UI test coverage to **80%+**, reducing production bugs by **35%** and improving release stability.
- **Agile Delivery:** Contributed to Agile teams delivering features in **2-week sprint cycles**, improving on-time delivery rate by **25%**.
- **Performance Optimization:** Identified and resolved performance bottlenecks, reducing app load times by **40%** and improving overall responsiveness.
- **Documentation & Communication:** Authored comprehensive technical documentation, reducing onboarding time for new developers by **50%**.

Experience

Lead Cloud Engineer - Mobile, *NexTurn India Private Limited*

2023 – present
Hyderabad, India

- **Led development of a real-time posture and movement analysis system** using **Swift, SwiftUI, MediaPipe**, and Apple **Vision Framework**, achieving **~90–95% accuracy** in body tracking while ensuring **privacy-by-design principles** for handling sensitive health data.
- **Architected and delivered a Virtual Evaluation platform** in **SwiftUI**, enabling remote patient assessments, reducing in-clinic dependency by **~40%**, and aligning with **HIPAA/GDPR guidelines** for secure data handling and patient confidentiality.
- **Designed AI-assisted rehabilitation workflows (“Let’s Move” module)** providing real-time feedback during physiotherapy exercises, improving patient adherence by **~25%** while maintaining **secure data processing and minimal data exposure**.
- **Engineered low-latency motion tracking and gesture recognition pipelines**, optimized for on-device processing to **minimize transmission of sensitive biometric data**, supporting compliance with **data minimization and privacy standards**.
- **Implemented structured survey and patient outcome tracking systems**, ensuring **secure storage, controlled access, and auditability** of patient-reported data in line with healthcare compliance practices.
- **Optimized ML inference pipelines and performance**, improving responsiveness by **~30%**, while maintaining **secure handling of model inputs/outputs and safeguarding sensitive user data**.
- **Developed a modular Flutter SDK for Carespace**, enabling secure integration of physiotherapy and motion analysis capabilities into cross-platform apps, incorporating **secure APIs, data encryption practices, and standardized data handling**.
- **Collaborated with product, design, and clinical stakeholders**, ensuring features were aligned with **patient safety, regulatory expectations, and ethical AI usage** in a startup environment.

Lead Mobile Developer, *Shivam Jewels*

2021 – 2023
Surat, India

- **Developed and maintained high-performance iOS applications** using **Swift, SwiftUI, and Objective-C**, delivering scalable solutions for complex, high-traffic use cases.
- **Integrated RESTful APIs and JSON-based services**, implementing secure authentication mechanisms (e.g., token-based auth), ensuring reliable and efficient backend communication.
- **Enhanced application performance and user experience** by optimizing existing codebases, reducing load times and improving responsiveness across key user flows.
- **Led end-to-end feature development**, from requirement gathering and technical design to implementation, testing, and production release.
- **Managed project workflows using ASANA**, ensuring timely delivery, effective sprint planning, and high-quality releases through structured reviews.
- **Collaborated cross-functionally with product managers, designers, and clients**, translating business requirements into scalable technical solutions.
- **Mentored and coached engineers**, promoting best practices in mobile development, code quality, and architecture while handling multiple concurrent projects.
- **Implemented and maintained CI/CD pipelines**, enabling automated builds, testing, and deployments, improving release efficiency and reliability.
- **Monitored, debugged, and optimized production applications**, proactively identifying issues and improving stability and performance.
- **Built and delivered feature-rich applications**, consistently meeting stringent quality, scalability, and performance requirements.

Senior iOS Developer, *DRC INFOTECH*

2017 – 2021
Surat, India

- **Developed and maintained iOS applications** using **Swift and Objective-C**, delivering stable, high-quality features across multiple releases.
- **Collaborated on application architecture design**, applying **MVC, MVVM, and Clean Architecture** principles to build scalable and maintainable codebases.

- **Integrated third-party libraries and SDKs** using **CocoaPods, Carthage, and Swift Package Manager**, accelerating development and enhancing app capabilities.
- **Designed and implemented responsive user interfaces** using **UIKit**, ensuring consistent performance and a high-quality user experience across devices.
- **Implemented unit and UI testing** using **XCTest and XCUITest**, improving code reliability and reducing regression issues in production.
- **Utilized Git for version control**, collaborating via **Bitbucket** with structured branching, pull requests, and code reviews.
- **Worked closely with backend teams** to integrate **RESTful APIs**, ensuring efficient data flow and seamless user interactions.
- **Contributed to scalable architecture design**, emphasizing modularity, reusability, and long-term maintainability.
- **Applied SOLID principles** to write clean, extensible, and testable code, improving overall code quality.
- **Managed tasks and sprint progress using Jira**, actively participating in Agile ceremonies and ensuring timely feature delivery.

Junior iOS Developer, Antim Technologies LLP

2014 – 2017
Surat, India

- **Developed and maintained iOS applications** using **Swift and Objective-C**, delivering scalable, high-performance features across multiple product releases.
- **Collaborated with cross-functional teams** (product, design, backend) to gather requirements and translate them into clear technical specifications and implementation plans.
- **Designed and implemented multiple architectural patterns** including **MVC, MVVM, MVP, and VIPER**, selecting appropriate approaches based on project complexity and scalability needs.
- **Adopted Clean Architecture principles**, improving code modularity, maintainability, and long-term scalability of applications.
- **Implemented CI/CD pipelines** to automate build, testing, and deployment workflows, increasing release efficiency and reducing manual intervention.
- **Leveraged CoreData for data persistence**, optimizing local storage, data synchronization, and offline capabilities.
- **Integrated RESTful APIs and networking layers**, ensuring efficient, secure, and reliable data communication between mobile and backend systems.
- **Worked in Agile/Scrum environments**, actively contributing to sprint planning, stand-ups, and retrospectives to ensure timely and iterative delivery.
- **Partnered with designers and product managers** to deliver intuitive, user-centric mobile experiences aligned with business goals.
- **Led and mentored a team of junior iOS developers**, providing technical guidance, conducting code reviews, and promoting best practices in mobile engineering.
- **Fostered an agile and collaborative culture**, encouraging continuous improvement, knowledge sharing, and adaptability within the team.

Intern - iOS Developer, TOPS Technologies Pvt. Ltd

2014 – 2014
Surat, India

- **Designed and developed intuitive, user-centric interfaces** using **Swift, UIKit/SwiftUI, and Interface Builder**, delivering seamless and consistent user experiences across devices.
- **Applied industry best practices and continuously researched emerging trends**, improving code quality, maintainability, and alignment with modern iOS development standards.
- **Collaborated cross-functionally** with **design, product, and backend teams** to translate requirements into scalable, high-quality features.
- **Demonstrated strong problem-solving abilities** in fast-paced, deadline-driven environments, effectively troubleshooting issues and ensuring timely delivery.
- **Utilized Xcode and Cocoa Touch frameworks** to build, test, and optimize iOS applications, ensuring performance, reliability, and code quality.

Education

Bachelor of Engineering in Computer Engineering,
C. K. Pithawala College of Engineering and Technology [↗](#)

2010 – 2014
Surat, India

Technical Skills

Objective-C	● ● ● ● ●	Swift	● ● ● ● ●
SwiftUI	● ● ● ● ●	Data Structure	● ● ● ● ●
Flutter	● ● ● ● ●	React Native	● ● ● ● ●

Languages

English	● ● ● ● ●	Hindi	● ● ● ● ●
Gujarati	● ● ● ● ●		

Soft Skills

Problem-solving | Leadership | Communication | Adaptability | Time management | Attention to detail

Declaration

I hereby declare that the information provided above is true and accurate to the best of my knowledge and belief.



Harshit Diyora
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