

## Technical Skills

**Mobile Development:** Android (Kotlin, Java, Jetpack Compose, XML, Hilt, MVVM, Coroutines, WorkManager, Firebase), iOS (Swift, SwiftUI, UIKit, ARKit, CoreData, Firebase, Alamofire, XCTest)

**API & Networking:** RESTful APIs, Retrofit, OkHttp, JSON Parsing, Alamofire (iOS), URLSession (iOS), WebSockets, GraphQL (basic).

**Cloud & DevOps:** Firebase, AWS, CI/CD Pipelines, GitHub Actions, GitLab CI/CD

**Testing & Debugging:** JUnit, Mockito, Espresso, Firebase Crashlytics, XCTest (iOS)

**Version Control & tools:** Git, GitHub, Bitbucket, GitLab, Jira, Figma, Postman

**Performance Optimization & Architecture:** MVVM, Clean Architecture, Memory Optimization, Battery Optimization, App Performance

**Soft Skills:** Strong communication, Problem-solving, Teamwork and collaboration, Adaptability, Attention to detail, Critical thinking, Time management, Proactive learning and knowledge sharing

## Work Experience

Simform Solutions	Dec 2021 - Nov 2023
Software Engineer   Mobile Application Developer	Ahmedabad, India
<ul style="list-style-type: none"><li>Optimized app performance by 40% through efficient memory management techniques, resulting in smoother user interactions and a more stable application experience.</li><li>Increased project scalability by 30% by implementing MVVM and Clean Architecture, enabling faster feature rollouts and reducing developer onboarding time.</li><li>Reduced API response times by 30% by integrating RESTful APIs with Alamofire and URLSession, optimizing data fetching through caching strategies and robust error handling.</li><li>Improved code maintainability by 75% by conducting in-depth code reviews, identifying and resolving critical issues, and mentoring junior developers, enhancing overall team efficiency.</li><li>Increased user engagement by 20% by delivering feature-rich updates weekly in a fast-paced agile environment, ensuring consistent app improvements and user retention.</li><li>Decreased app crash rates by 35% by integrating Firebase Crashlytics, enabling faster debugging and higher app-store ratings through improved stability.</li><li>Improved app responsiveness by 30% by developing dynamic and scalable UI components in SwiftUI, UIKit, and Jetpack Compose, resulting in a seamless user experience across devices.</li><li>Enabled immersive AR experiences by implementing ARKit (iOS) and PhotogrammetrySession (macOS), allowing users to interact with 3D models in real-world environments.</li><li>Reduced development cycle times by 20% by implementing CI/CD pipelines, automating build and testing processes, and ensuring faster and more reliable deployments.</li><li>Enhanced IoT mobile app connectivity by developing BLE communication, enabling seamless device pairing and efficient real-time data transmission.</li><li>Increased app stability by reducing crashes by 35% by writing unit and UI test cases using XCTest, leading to a more reliable and bug-free user experience.</li></ul>	

## Education

Dalhousie University	Jan 2024 - Sep 2025
Master of Applied Computer Science — GPA: 4.07/4.3	Halifax, Canada
Charusat University	Jun 2018 - Apr 2022
Bachelor of Computer Engineering — GPA: 8.7/10	Gujarat, India

## Projects

3DModelGenerator   Source Code	iOS (Swift, ARKit)   macOS (Swift, PhotogrammetrySession)   Firebase
<ul style="list-style-type: none"><li>Developed an iOS app that captures images for Photogrammetry and communicates with a macOS app via Firebase, enabling the creation of detailed 3D models from sets of images.</li><li>Integrated ARKit in the iOS app to fetch and display 3D models as AR elements, allowing users to place them in real-world environments using the camera feed for an interactive experience.</li></ul>	
Eventy   Source Code	iOS (Swift)   SwiftUI   Realm
<ul style="list-style-type: none"><li>Developed an interactive iOS application using SwiftUI and integrated Realm database for efficient local data storage and retrieval, ensuring seamless offline functionality and a smooth user experience.</li><li>Implemented reusable SwiftUI views, MVVM architecture, and Realm database to enhance scalability, maintainability, and real-time data syncing, enabling a clean and modular codebase for future feature integration.</li></ul>	
SpendWise   APK   Source Code	Android (Kotlin   Jetpack Compose)   Room Database
<ul style="list-style-type: none"><li>Achieved 95% user satisfaction by developing an expense-tracking app with a seamless user interface and encrypted data storage via Room Database, allowing users to track finances securely.</li><li>Increased feature adoption by 20% by refining UI/UX design in collaboration with designers, leading to a more intuitive experience based on user feedback.</li></ul>	
Habit   APK   Source Code	Android (Kotlin   XML)   Spring Boot (Kotlin)   MongoDB
<ul style="list-style-type: none"><li>Boosted user engagement by 40% by building a habit-tracking app with real-time sync and offline storage using MongoDB, ensuring seamless performance even in low-connectivity environments.</li><li>Enhanced app security by 30% by implementing secure backend protocols and ensuring data reliability, leading to increased trust in the app's performance and security.</li></ul>	