

## Professional Summary

Innovative and detail-oriented Mobile Developer with expertise in developing high-performance Android and iOS applications. Skilled in Kotlin, Swift, Jetpack Compose, SwiftUI, and MVVM architecture, with a strong foundation in machine learning (ML) and natural language processing (NLP). Proven ability to optimize app performance, enhance user experiences, and implement AI-driven features to improve engagement. Passionate about advancing human-computer interaction through cutting-edge mobile technologies and seamless UX/UI integration.

## Technical Skills

**Mobile Development:** Android (Java, Kotlin, Jetpack Compose, XML), iOS (Swift, SwiftUI, UIKit, Storyboard)  
**Architecture & Design Patterns:** MVVM, Clean Architecture, Dependency Injection (Hilt, Swift Dependency Injection)  
**Machine Learning & NLP:** Basic understanding of ML, NLP, and Large Language Models (LLM)  
**Algorithms & Data Structures:** Strong foundation in problem-solving, efficient coding techniques  
**API & Networking:** RESTful APIs, Retrofit, OkHttp, URLSession, JSON Parsing  
**Cloud & DevOps:** Firebase, AWS, CI/CD Pipelines, GitHub Actions, GitLab CI/CD  
**Testing & Debugging:** JUnit, Mockito, Espresso, Firebase Crashlytics, XCTest, XCUITest  
**Human-Computer Interaction:** Experience in mobile UX/UI, multimodal interfaces, interactive systems  
**Tools & Version Control:** Git, GitHub, Bitbucket, Jira, Xcode, Android Studio  
**Other Skills:** Mobile UI/UX (Figma), Coroutines, Combine Framework, Computer Vision, Sensing Technologies, Wearable & IoT Systems, Passion for Mobile Technology  
**Soft Skills:** Strong communication, Problem-solving, Teamwork and collaboration, Adaptability, Attention to detail, Critical thinking, Time management, Proactive learning and knowledge sharing

## Work Experience

<b>Simform Solutions</b>	<b>Dec 2021 - Nov 2023</b>
<i>Software Engineer   Mobile Application Developer</i>	<i>Ahmedabad, India</i>
<ul style="list-style-type: none"><li>Developed and maintained native Android and iOS applications, optimizing memory usage by 40%, which resulted in smoother user interactions and improved app stability.</li><li>Integrated ML-powered recommendations and NLP-based chatbot features, reducing user query resolution time by 25% and enhancing engagement across both platforms.</li><li>Optimized API response times by 30% by improving JSON parsing and implementing efficient caching strategies, leading to faster data retrieval.</li><li>Designed and implemented interactive UI/UX workflows, incorporating multimodal interfaces and sensing technologies, which improved user retention by 20%.</li><li>Enhanced project scalability by 30% by implementing MVVM and Clean Architecture, ensuring maintainable and modular code for seamless feature rollouts and faster onboarding of new developers.</li><li>Reduced app crash rates by 35% by integrating Firebase Crashlytics and Xcode Instruments for efficient debugging and error tracking, leading to improved app stability and higher app-store ratings.</li><li>Collaborated with UX designers, engineers, and product managers, streamlining feature integration and reducing time-to-market by 15%.</li><li>Led multiple knowledge-sharing sessions, increasing team productivity by 20% through enhanced best practices in Git, ContentResolver usage, SwiftUI best practices, and efficient mobile development techniques.</li></ul>	

## Education

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

## Projects

<b>SpeechAssist AI</b>	<b>Android (Kotlin   Jetpack Compose)   NLP   Firebase   LLM-powered voice assistant</b>
<ul style="list-style-type: none"><li>Built an intelligent voice assistant using NLP and Large Language Models (LLM), improving voice-command accuracy by 40%, enabling seamless real-time interactions.</li><li>Integrated Firebase for cloud-based speech analysis, reducing processing latency by 30% and ensuring consistent performance across devices.</li><li>Developed an adaptive learning model that improved personalized responses by 25%, enhancing user engagement and satisfaction.</li></ul>	
<b>SpendWise   APK   Source Code</b>	<b>Android (Kotlin   Jetpack Compose)   Room Database</b>
<ul style="list-style-type: none"><li><b>Achieved 95% user satisfaction</b> 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><b>Increased feature adoption by 20%</b> by refining UI/UX design in collaboration with designers, leading to a more intuitive experience based on user feedback.</li></ul>	
<b>Habit   APK   Source Code</b>	<b>Android (Kotlin   XML)   Spring Boot (Kotlin)   MongoDB</b>
<ul style="list-style-type: none"><li><b>Boosted user engagement by 40%</b> by building a habit-tracking app with real-time synchronization and secure data storage, ensuring a smooth experience across devices.</li><li><b>Enhanced app security by 30%</b> by implementing secure backend protocols and ensuring data reliability, leading to increased trust in the app's performance and security.</li></ul>	