

Asha Issrani (Specialist Android Engineer)

Morrisville, NC 27560

 +1 919 505 8471 |  | ashaisrani1986@gmail.com | [LinkedIn](#)

Professional Summary

- **Accomplished Staff Software Engineer** with over **18+ years** of progressive experience leading high-impact software product development across diverse industries—including finance, finance education, e-commerce, trading, home loans, communication, and avionics. Specialized in native Android and mobile platforms, driving strategic technical initiatives and fostering engineering excellence within foundational platform teams at leading financial institutions.
- **Expert in Mobile App Design & Implementation:** Designing and delivering robust, high-performance mobile applications—emphasizing code modernization, modularization, and outstanding user experiences. Skilled in memory management, push notifications, multi-screen support, and architecture pattern implementation.
- **Proficient in Mobile Platforms:** Extensive hands-on development experience with Android, iOS, and Brew using Android Studio, Xcode, Objective-C, Java, Kotlin, Swift, Jetpack Compose, Gradle, Firebase, Crashlytics, GraphQL, REST, and related tools.
- **Technical Leadership:** Strong background in CI/CD pipelines, build-time optimization, design patterns, and system architecture. Proven ability to lead complex projects, evaluate emerging technologies (e.g., React Native, Kotlin Multiplatform, Server-Driven UI), and champion best practices in CI/CD, testing, and code quality.
- **Engineering Innovator:** Passionate about solving intricate engineering challenges, fostering a culture of innovation, and enabling rapid, high-quality mobile releases for millions of users.
- **Comprehensive Lifecycle Experience:** Deep experience from concept to release—including extensive work with Android frameworks, multimedia codecs, and app deployment to Google Play and the App Store.
- **Collaborative Communicator:** Effective communicator and dedicated team player, highly skilled in Agile/Scrum environments, continuous learning, and embracing the latest technology trends and AI-powered engineering practices.

Tools & Technologies

Languages: Kotlin, Java, Swift, GraphQL

Frameworks & Libraries: Jetpack Compose, MVVM, ViewModel, Hilt, Flows, Coroutines

IDEs & Build Tools: Android Studio, Xcode, Gradle

Testing & Quality Assurance: JUnit, Mockito, Espresso, UI Automator, TDD, Detekt, SonarQube

Profiling & Analytics: Android Studio Profiler, Firebase, Crashlytics, Sentry, AppDynamics

CI/CD & Deployment: Jenkins, BuildKite, GitHub Actions, Play Store / App Store Deployment

Cloud & Monitoring: AWS, GCP, Azure, Firebase

Modern Architecture: Server-Driven UI, Modularization, Clean Architecture, MVVM, Micro-frontends

Collaboration & Agile: Agile/Scrum, Jira, Confluence

AI Plugins & Tools: Gemini, CoPilot, GitHub MCP

Education

B.S. in Electronics and Communication Engineering (Honors) 2003 – 2007

Certifications

- Certified AWS Cloud Practitioner & Developer associate
- Certified Course in Programming Cloud Services for Android Handheld Systems, USA
- Web Application Architectures – University of New Mexico
- iPhone Application Development - Stanford University
- Kotlin coroutine & Flow for Android Development
- Introduction to Machine Learning – Udacity
- Practical Leadership Skills by Chris Croft – Udemy
- Productivity & Time management - Udemy
- Working with Large Language Model in generative AI and AI Powered Engineering tools

Conferences & Training

- Google I/O (2014, 2018), AWS Summit (2019, 2024), GDG DevFest
-

Key Achievements

- **Led** a team of Android engineers as a Chapter Lead, **increasing project efficiency by 50%** through improved collaboration and streamlined development processes.
- **Spearheaded** the strategic evaluation of React Native within a native mobile app environment, **providing critical insights that informed future technology roadmap decisions** for large-scale mobile development.
- **Initiated and led the Develocity POC**, including **setting up the underlying infrastructure using EC2 and Kubernetes, establishing robust firewall security, and integrating CloudWatch for comprehensive monitoring**. This effort diagnosed and resolved critical build performance bottlenecks (e.g., Artifactory latency, poor remote cache hit rates) across a complex enterprise environment. This initiative is **projected to save considerable time on CI and local builds**, directly enhancing engineer productivity and influencing strategic tooling adoption
- **Currently leading** the evaluation and adoption of Server-Driven UI for rapid mobile release delivery, **defining architectural patterns and implementation strategies to enhance agility and reduce time-to-market**.
- **Architected and implemented** a comprehensive modularization strategy for the flagship mobile application, **decreasing build times by 20% and enhancing scalability and maintainability** for over 8 million users.
- **Drove** the adoption of cutting-edge technologies like Kotlin Coroutines and Jetpack Compose, **significantly improving code complexity, development speed, and modernizing the application's UI framework**.
- **Championed the adoption of cutting-edge technologies** like Kotlin Coroutines and Jetpack

Compose, **significantly improving code complexity, development speed, and modernizing the application's UI framework.**

- **Build & Release Engineering:** Advanced knowledge of Gradle, App Bundles, Play Store deployment, CI/CD pipelines (BuildKite, Jenkins, TeamCity, Github Actions), and orchestrating complex release management for large-scale applications.
- **Mentored and coached** a team of Android engineers as a Chapter Lead in Investing and Home Buying, **fostering a culture of continuous learning and growth, and contributing to a 50% increase in project efficiency.**
- **Implemented** a robust error reporting and monitoring system across the mobile platform, **leading to a 20% reduction in negative customer reviews** by proactively identifying and resolving critical issues.
- **Identified and resolved** performance bottlenecks in critical user flows by conducting thorough API design reviews and ensuring optimized APIs for the frontend, **resulting in the best performance and user experience.**
- **Designed, developed, and implemented** a feature flag framework from scratch to serve complex parameter requirements on a center-by-center basis for the Scentre Group.
- **Exceptional analytical acumen, advanced problem-solving, and debugging skills** with a solid understanding of fundamental algorithms and data structures to diagnose complex issues and architect robust, efficient systems.
- **Design Patterns:** Applied established design patterns (e.g., MVC, MVP, MVVM, Repository, Builder, Factory, Singleton) to build maintainable and extensible systems.
- **Championed best practices** in accessibility, high unit test coverage, and automated UI testing, **resulting in near-zero crash rates in production** for features and demonstrably faster release cycles.
- **Provided senior technical mentorship and guidance**, fostering a culture of continuous learning and growth across the Android engineering organization, contributing to **a 50% increase in project efficiency.**
- **UI/UX Implementation:** Strong command over Material Design principles, custom view development, animations & transitions, and ensuring accessibility standards.
- **Actively integrating AI-powered engineering tools** (e.g., Gemini, CoPilot) into development workflows, **enhancing efficiency in coding, debugging, and complex problem-solving**, and exploring their strategic application for future mobile platform capabilities.
- **Played a pivotal role** in maintaining **99% crash-free sessions** and ensuring high app stability through proactive problem-solving and in-depth technical issue resolution.

Work Experience

Commonwealth Bank of Australia

Role: Staff Software Engineer **Period:** Dec 2020 - Present | Sydney, Australia & Seattle, USA

Strategic Technical Leadership & Architecture:

- Led the evaluation and adoption of strategic technical initiatives, including **Server-Driven UI, Develocity, and React Native**, to drive innovation, enhance agility, and significantly improve efficiency in mobile development.
- Led critical code modernization initiatives, successfully migrating 50% of legacy Java code to Kotlin and implementing modern architectural patterns (e.g., MVVM), which reduced crashes by 20% and improved test coverage by 40%. Played a key role in defining technical roadmaps for scalable mobile solutions.
- Defined and evolved the **architectural roadmap for the CommBank App**, ensuring scalability, performance, and maintainability through the implementation of clean architecture principles and comprehensive modularization strategies.
- Championed the integration of new Android APIs and frameworks (e.g., **Jetpack Compose, Kotlin Coroutines**), guiding the team through migrations to keep the application at the forefront of mobile technology.
- **Orchestrated the smooth rollout of Android 15**, ensuring all technical issues were comprehensively addressed across over 50 contributing squads within the CommBank Mobile app.
- Introduced an **innovative framework that**, significantly simplifying collective codebases and achieving substantial cumulative time savings for engineers across the organization.

Foundational Engineering & Cross-Functional Impact:

- Designed, developed, and deployed many major user-facing features (including 'Origination', push notification, 'Category Budget', and 'Money Plan') using Kotlin and Jetpack Compose, resulting in a 25% increase in user engagement and empowering users with advanced financial management tools. Collaborated extensively with product managers and designers to translate complex requirements into intuitive features.
- Engineered and optimized complex functionalities for core product streams such as 'Investing' and 'Home Buying' and pioneered the implementation of 'PayID' and robust Push Notification services. Successfully integrated with diverse third-party vendors, ensuring seamless and secure data exchange for critical services
- Proactively analyzed product field failures using tools like **AppDynamics, Splunk, Sentry, and Crashlytics** to identify root causes, implement preventive measures, and ensure a best-in-class user experience.
- Collaborated closely with product owners, UX designers, and cross-functional teams to translate business requirements into technical solutions, estimate efforts, and deliver high-impact features on time.
- Successfully resolved **critical cross-functional technical blockers**, mediating solutions between mobile, backend, and product teams to unblock key initiatives and maintain project velocity.
- Participated actively in UX design reviews and testing, providing valuable technical feedback to ensure optimal user experience and product quality.
- Involved in building a robust foundation for the CommBank App using clean architecture principles, ensuring long-term stability and extensibility.
- Demonstrated expertise in performance optimization, codebase modularization, and ensuring application stability across various Android versions.

Driving Engineering Excellence & Mentorship:

- Drove **engineering excellence** by establishing and promoting best practices, coding standards, and high-quality development processes across the Android engineering chapter.
- Oversaw **comprehensive code reviews and architectural discussions**, contributing to continuous improvement in code quality and adherence to design principles.
- Mentored and coached senior and junior engineers, fostering technical growth and building a high-performing team.
- Uplifted capabilities and defined ways of working within the Android Chapter, streamlining development and release management processes.

Technical Leadership & Team Enablement:

- **Mentored and technically guided senior and junior engineers**, fostering technical growth, promoting knowledge sharing, and building a high-performing, collaborative team.
- Contributed to the **recruitment and technical assessment of Android engineers**, helping to grow and diversify the mobile engineering talent pool.
- Provided **technical performance feedback and career development guidance** to team members, supporting their professional advancement within the engineering track.

Engineering Excellence & Delivery Oversight (Chapter Focus):

- Drove **engineering excellence** by establishing and promoting best practices, coding standards, and high-quality development processes across the Android engineering chapter.
- Oversaw **comprehensive code reviews and architectural discussions**, contributing to continuous improvement in code quality, adherence to design principles, and overall system robustness.
- Defined and uplifted ways of working within the Android Chapter, streamlining development and release management processes to shorten product delivery time.
- **Served as Release Lead, orchestrating and leading major application releases** across multiple feature teams, ensuring seamless coordination, quality assurance, and successful deployment to millions of users.

Product Link: <https://play.google.com/store/apps/details?id=com.commbank.netbank>

Scentre Group (Westfield)

Technical Lead Engineer | Sydney, Australia | Nov 2019 – Oct 2020

Responsibilities: As a Tech Lead on a greenfield Android application, I spearheaded the architectural design and implementation, focusing on building a robust, scalable, and high-quality product from the ground up. My contributions significantly boosted developer productivity, enhanced code quality, and streamlined our release processes. I have the following responsibilities to achieve project delivery and Delivering Wow! native experience to 1+ million users

Driving Technical Excellence & Innovation

- **Established a Robust Foundation:** Led the design and implementation of a **clean architecture** for Westfield+ App, ensuring a scalable, maintainable, and testable codebase from inception. This provided a solid foundation for rapid feature development and long-term product evolution.

- **Accelerated Feature Delivery through Modularization:** Drove the **modularization** of the Westfield+ App, breaking down complex functionalities into independent modules. This significantly shortened product delivery times and enabled parallel development by multiple teams, aligning with high-growth startup environments.
- **Pioneered Reusable UI Frameworks:** Innovated and implemented **reusable UI frameworks**, standardizing components and accelerating the product development process by fostering a highly productive and consistent user experience.
- **Enhanced Code Quality with Automation:** Championed and integrated static analysis tools like **Detekt** and **ktlint** into the development pipeline, proactively identifying and rectifying code smells and style violations, leading to a consistently high-quality codebase.
- **Ensured Product Reliability through Testing:** Implemented a comprehensive **unit testing** strategy, writing extensive unit tests to guarantee feature functionality and ensure an exceptional end-user experience, drastically reducing post-release issues.
- **Proactive Issue Resolution:** Established and utilized **Sentry for log analysis** to proactively monitor and analyze product field failures, enabling rapid identification and resolution of critical issues and improving overall app stability.

Fostering Best Practices & Team Growth

- **Cultivated a Culture of Quality:** Maintained high code quality standards through rigorous **code reviews**, providing constructive feedback and fostering a collaborative environment for continuous improvement within the development team.
- **Streamlined CI/CD & Release Management:** Took ownership of the **Westfield+ App release management** process, establishing efficient CI/CD pipelines to ensure smooth, frequent, reliable deployments, reducing manual overhead and accelerating time-to-market.
- **Mentored and Developed Talent:** Actively mentored new starters and junior developers on Android best practices and software development principles, fostering their growth and ensuring adherence to high-quality coding standards.
- **Contributed to Talent Acquisition:** Assisted in the **hiring process** for top mobile software development Android talent, helping to build a high-performing engineering team.
- **Championed User-Centric Design:** Actively participated in and provided valuable feedback during **UX design reviews and testing**, ensuring that technical implementations aligned seamlessly with user needs and design goals.

Android:

Product Link: <https://play.google.com/store/apps/details?id=com.scentregroup.westfield>

Independent Social Innovation Projects

Solution Architect & Developer | Dec 2016 – July 2018

Driven by a passion for leveraging technological advancements to improve daily lives, I undertook end-to-end full-stack product development for social innovation mobile applications.

- **Complete solution development** using Product Design and Business Modeling principles.

- **Gained deep understanding** of end-users' requirements and behaviors through comprehensive analysis.
- **Conducted product needs analysis** by developing Minimum Viable Products (MVPs).
- **Incorporated rapid and iterative changes** to products based on continuous end-user needs analysis.
- **Established robust backend and frontend architecture** and oversaw end-to-end application development.
- **Developed and published** Android and iOS mobile applications.

Technology Used:

MVP, Dagger2, RxJava2, Material Design components, Material Animations, Lottie, Jacoco, Vectors, Java, JIRA, Confluence, Sketch, Ruby on Rails, Payment gateway integration (Stripe), Bitbucket, Trello, InvisionApp, Sketch, Google Admob, AdWords, Google Cloud, Firebase Analytics, Crashlytics, Swift, Xcode, Storyboards, AutoLayout, HockeyApp

Product Link: <https://play.google.com/store/apps/details?id=com.everyplane.VHReg>

Product Link: <https://play.google.com/store/apps/details?id=com.everyplane.NReg>

Product Link: <https://play.google.com/store/apps/details?id=com.everyplane.ZKReg>

Product Link: <https://play.google.com/store/apps/details?id=com.everyplane.CReg>

Commonwealth Bank of Australia

Role: Senior Product Development Engineer based in Sydney, Australia | Dec 2015- Oct 2019

As a Senior Android Engineer, I contributed to innovation projects and delivered exceptional native experiences for over 5 million users.

- **Explored experimental ideas, proof of concepts, and new technologies** to address end-users' banking needs.
- **Built a robust foundation** for the CommBank App using clean architecture principles.
- **Designed and implemented new features**, incorporating UI, business logic, and API calls.
- **Led migration to new frameworks** to align with evolving Android APIs/controls.
- **Analyzed, estimated, and integrated new features** into the existing application.
- **Maintained high code quality** through rigorous code reviews and continuous updates.
- **Innovated reusable UI frameworks** to achieve a highly productive product development process.
- **Contributed to the overall quality** of the CommBank App product.
- **Managed CommBank App releases.**
- **Enhanced product quality** by integrating static analysis tools (Detekt, ktlint).
- **Wrote extensive unit tests** to ensure an extraordinary end-user experience.
- **Participated and provided feedback** during UX design reviews & testing.

- **Continuously improved** the CommBank App to reduce existing and prevent new issues.
- **Migrated GCM to FCM from scratch** to develop a scalable and clean notification solution framework.
- **Drove the adaptation of Kotlin** for developing new features and refactoring existing app components.
- **Mentored new starters** on Android best practices and software development.
- **Assisted in hiring top talent** in mobile software development.

CommBank Tablet App Project:

- **Scope:** Delivered a greenfield CommBank Tablet App to enrich the user experience for tablet devices, encompassing the entire Android app development cycle from initial planning to UI/UX design, coding, analytics, and implementation with scalability and maintainability in mind, enriching 5 million+ users' experience.
- **Contributions:** Involved in writing the foundational architecture using design patterns and UI frameworks, and implementing key features, including registration, login, and transaction history.
- **Achievements:** Successfully built a greenfield product within project timeframes, delivering a rich end-user experience. Established a reusable UI, Business, and service framework to accelerate development cycles across other CommBank apps

Pramati Technologies India Pvt. Ltd.

Role: Lead / Senior Development Engineer **Period:** | Mountain View, California / Chennai, India | **Sep 2013 – Nov 2014**

- **Conceptualized, designed, developed, tested, and Successfully Deployed** mobile applications for various clients, including SugarCRM.
- **Developed Android apps** for clients like SugarCRM.
- **Developed iOS apps** for clients such as Claim Reporter and Smart Cues.
- **Implemented** the Blocking Notification feature, **improved performance, managed memory, and applied multithreading approaches.**
- **Resolved issues** identified during testing phases.
- **Developed modern retail apps** leveraging beacon region monitoring, geographical region services, and APIs.
- **Integrated Google Maps and geo-coding APIs** with Mobile Applications.
- **Developed ADB features** to accomplish application performance data collection (e.g., app launch time, fragment launch time, overdraws per activity, GC per activity/fragment, profiling).
- **Analyzed data functions, methods, and procedures** across various app types (social, GPS, system, Google apps) to establish benchmarks for UI profiling tools.
- **Utilized AspectJ** in automation tools to dynamically inject code for app instrumentation.
- **Analyzed and used OCR Protocol** to analyze overdraws.
- **Communicated effectively** with customers to manage expectations.
- **Led and guided** a team of software developers to ensure on-time project delivery.

Productivity Improvement:

- **Automated UI Profiling Tool - Android:** Developed a UI Profiling tool to measure mobile experience, generating reports on garbage collection (GC) per activity/fragment, launch time, and responsiveness for any Android application.

Android App Development:

- **Sugar on Pancake:** Enabled SugarCRM customers to access data offline from their Android devices via one-touch synchronization.

Link: <https://play.google.com/store/apps/details?id=com.imaginea.android.sugarcrm>

- **Luvocracy:** Developed an application for discovering, sharing, and shopping for products.

Link: <https://play.google.com/store/apps/details?id=com.luvocracy&hl=en>

- **Personal Launcher:** Created a custom Android launcher supporting multiple password-protected user accounts.

Link: <https://play.google.com/store/apps/details?id=com.imaginea.lockedlauncher>

iOS App Development:

- **Claim Reporter Application:** Developed exclusively for Mountain View Software Inc., enabling users to report and process claims, primarily for initial injury reports.
- **Smart Cues - Coupons and Promotions App:** Helped users find in-store offers and deals with real-time recommendations.

Link: <https://itunes.apple.com/us/app/smartcues/id898190050?ls=1&mt=8>

Thales Avionics Inc. (20 +billion USD company Inside Flight Entertainment Company in USA)

Role: Senior Android framework Engineer baes in Orange County California | **Aug 2012 – Aug 2013**

Responsibilities:

- **Developed in-flight entertainment services** requiring extension of the Android framework.
- **Implemented API's and conceptual changes** in Android Event Manager, Activity Manager, Power Manager, and Window Manager, alongside code optimization.
- **Gained quick and complete understanding** of Thales Android framework extensions and Android Windows Manager, Backlight Manager, and Activity Manager.
- **Supported i5000 and i8000** product lines and contributed to the development of the upcoming Avant (in-flight entertainment series).
- **Involved in Code Optimization, Build Making, Maintenance, and End-to-End Release Responsibilities**, including framework, platform, and application requirement gathering, analysis, design, development, unit testing, and release management.
- **Developed and enhanced** the Android Framework and the Thales Android framework, troubleshooting customer issues, and planning verification for product releases.
- **Fixed defects** in the existing framework code.
- **Delivered all new requirements** as per customer requests on time.
- **Developed software requirements** for Touch Passenger Monitor Unit (TPMU) and Smart Visual

Display Unit (SVDU) Gen 4 framework.

- **Identified Android platform failure modes** across the mobile application lifecycle (install to uninstall).
- **Collaborated with application development teams** to facilitate understanding of Android framework design and API integration.
- **Participated in sprint planning, daily scrum meetings, and sprint retrospection.**

Huawei Technologies India Pvt. Ltd. (25 billion USD company leading Telecommunication Company Shanghai China)

Role: Senior Software Engineer | Jan 2008 – June 2012

Android Framework Development

Joint Lab- Drivers (Multimedia, Ducati) Texas Instruments

Responsibilities:

- Worked on Video and Audio Codecs in Android (MPEG4, H.264, MP3, AAC, AMR), Ducati Subsystem, multimedia framework, Open Core and Stage Fright.
- Fixed CRs related to audio, video interactions with other modules
- Fixed issues that cropped out during testing.
- Responsible for managing and Supporting Multimedia framework issues that cropped out during testing. Collaboration with Texas Instruments team including analyzing business requirements, developing technical specifications and testing.
- Involved in live debug sessions with Texas Instrument to resolve multimedia issues.

Messaging & Email– Android framework and App Development

- Worked on OMA-WAP MMS CMAS, IMAP and Pop3 protocol standards including Application development on Android as per business requirements, developing technical specifications, planning, coding, testing, implementation Conceptualized design changes and development of Email, MMS and SMS applications.
- Researched on application acceptance and solicited feedback from Operators (Verizon, Cricket) to make the new and existing applications more users friendly.
- Implemented notifications to display the status of the download process and used pending notifications to invoke the messages selected by the user.
- Involved in fixing memory leaks.
- Implemented User Interface for the Email and MMS Client Application.
- Complete Understanding CMAS and MMS, SMS, Pop3, IMAP Protocol.
- Involved in the code reviews of all the modules
- Supervised code reviews and ensured all solutions met architectural specifications
- Involved in updates throughout SDLC, Builds Maintenance and End to End Release Responsibilities.
- Created handset specific user interface (UI) for mobile phones and tablet PC's
- Involved in Defect Fixing in Google codebase in MMS, Pop3, and IMAP Protocol.
- Tested the application on various carriers like AT&T, Verizon and China Telecom.
- Complete E2E responsibility of Messaging Module Integration for all the Huawei Smart Phone Handsets.

E-mail phone contacts, Send User Location by SMS and E-mail - Huawei HQ -China

- Implemented Contacts Manager, Telephony APIs for SMS; Contacts manager in Android needed to be studied in order to understand the way contacts are organized and stored in an Android handset.
- System setup for suitable AVD (Android Virtual Device), download latest updates. Design suitable GUI for the applications, viz., E-mail phone contacts, Send User Location by SMS and E-mail.
- Implement the required GUI.

- Provided architectural inputs, daily updates, sorting open issues that involve issues related to design, development and implementation
- Fixed issues that cropped out during testing.

Brew Development

OMA WAP Push and Provisioning, CIS (Dual Sim) - AT&T, Metro PCS

- Study, design, understanding of Push and provisioning protocol and implementation of new feature and product req. of the Push and provisioning protocols.
- Build managers for all the applications.
- Code Estimation, Code review, Code Optimization for modules
- Executing Test cases, Defect Tracking and Bug fixing
- Setting up Continuous integration (CIS) for all applications.
- Setup of Automated Simulator and Target Build to compile, link, generate reports, generating code quality reports and execute test cases.

SMS Conversation & RSS (Really simple syndication)- Huawei HQ -China

- Developed complex applications and updates throughout SDLC, including analyzing business requirements, developing technical specifications, planning, coding, testing implementation, and QA.
- Interface with infrastructure group to supply application support requirements and issue resolution.
- Setup of Automated SMS Simulator and Target Build to compile, link, generate reports and execute test cases.
- Involved in Performance Optimization.
- Implemented complex custom layout using BUIT framework.
- Involved in Bug Fixing of the service layer using CDMA protocol.
- Complete understanding of BUIW framework for different version and Integration
- External application integration of MMS, Calendar etc.
- Completed All the Requirements as per Indian Market on Short Span of time

Mercury (OMA-WAP-MMS, Email and Multimedia) - T-Mobile, China Telecom

- Involved in design, development, testing, deployment and maintenance application for the first touch-based phone using new UI technology Lua and TrigML.
 - External application integration of SMS, MMS, Email modules with Phonebook, audio player, music player and Registry to store all Setting values.
 - Developed UT, IST Test cases to validate end to end functionality flow check.
 - Setup of Automated SMS Simulator and Target Build to compile, link, generate reports and execute test cases.
 - Involved in Memory leak fixing of all major flows.
 - Development of the entire Application UI for different versions of touch screen phones.
 - Responsible for Designing, coding and testing of Email Editor, Email Viewer and Settings
 - Development of UT, MST scripts to test functionality. Writing automated scripts for validating the UI on the target.
 - Development and Defect fixing in all the SDV releases.
-

