

# HARIHARAN N – ANDROID DEVELOPER

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## PROFILE SUMMARY

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Result-driven Android Developer with 4 years of experience building secure, scalable, and high-performance Android applications using Kotlin and Java. Expertise in MVVM architecture, Jetpack components, and modern Android development practices including Coroutines, Hilt, and Jetpack Compose. Proven ability to deliver quality applications in fast-paced Agile environments, with a strong emphasis on security, clean architecture, and user-focused design.

## SOFT SKILLS

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Strong problem-solving & debugging, effective communicator & team collaborator, fast learner, adaptable to new tech, committed to writing clean, maintainable code.

## TECHNICAL SKILLS

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<b>Languages</b>	Kotlin, Java
<b>Frameworks</b>	Android SDK, Jetpack Compose, LiveData, ViewModel, Coroutines, Retrofit, Hilt
<b>Architecture</b>	MVVM, Clean Architecture, Repository Pattern
<b>UI/UX</b>	Jetpack Compose, Material Design 3
<b>Security</b>	Promon Shield, Lookout SDK, Protectt AI, SSL Pinning, ProGuard/R8, ADB Hardening
<b>Database</b>	RoomDB, Firebase Firestore
<b>Testing</b>	JUnit, Espresso, Mockito
<b>Tools</b>	Android Studio, Github, Firebase, Postman, Burp Suite
<b>Methodologies</b>	Agile (Scrum), JIRA

## PROFESSIONAL EXPERIENCE

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**Android Developer** Nov 2021 – Present

Tagit Solutions Pvt. Ltd., Chennai

- Developed and maintained secure banking applications using Kotlin, MVVM, and Jetpack architecture components.
- Implemented robust authentication flows: MPIN, TOTP, biometric login, and device binding.
- Integrated advanced security layers with Promon Shield, Lookout SDK, and Protectt AI.
- Boosted app performance by optimizing cold start time and reducing memory overhead.
- Built scalable network layers using Retrofit, sealed classes, and Kotlin Flow.
- Applied ProGuard, managed runtime permissions, and ensured Play Store compliance.
- Conducted code reviews, unit/UI testing, and collaborated in Agile sprints.

## KEY PROJECTS

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## EXPERIENCE

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- Developed and maintained secure banking applications using **Kotlin**, **MVVM**, and Jetpack architecture components.
- Implemented robust authentication flows: **MPIN**, **TOTP**, **biometric login**, and **device binding**.
- Integrated advanced mobile app security layers with **Promon Shield**, **Lookout SDK**, and **Protectt AI**.
- Boosted app performance by optimizing **cold start time** and reducing memory overhead.
- Built scalable and testable network layers using **Retrofit**, **sealed classes**, and **Kotlin Flow**.
- Applied **ProGuard** rules, managed **runtime permissions**, and ensured **Google Play Store compliance**.
- Conducted detailed **code reviews**, implemented **unit/UI testing**, and collaborated in Agile sprints.

Mobeix Family Banking Android

Jan 2025 – Present

- Developed end-to-end goal management features including **Create**, **Update**, **Fund**, **Redeem**, and **Break Goal** functionalities.
- Integrated goal progress tracking using dynamic UI elements and Lottie animations to improve visual feedback on user actions.
- Implemented detailed **transaction history** and **goal analytics** to enhance transparency and improve user engagement.
- Built custom components for goal categories such as **Education**, **Travel**, and **Gift**, with filters to view by status (**Active**, **Achieved**).
- Designed a secure **parent-child savings flow**, ensuring achieved goal amounts are credited to the child’s account with real-time parent notifications.
- Used **Room DB** for local storage and **Kotlin Coroutines** with **LiveData** for efficient background API operations.
- Delivered an intuitive UI using **Jetpack Compose**, with responsive layouts and real-time savings progress indicators.

EDUCATION

B.E. – Electronics and Communication Engineering

Graduated: 2021

Sri Sairam Engineering College, Chennai

CGPA: 7.587 / 10

LANGUAGES KNOWN

English

Tamil

Hindi