

# Shanmuga Sundharam S

## Android Developer

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## Professional Summary

Android Developer with 2+ years of hands-on experience in building scalable and user-focused native applications. Proficient in Java, Kotlin, and MVVM architecture with strong expertise in performance optimization, clean code practices, and seamless user experiences aligned with business goals.

## Technical Skills

- **Languages:** Java, Kotlin
- **Android:** Android SDK, LiveData, Coroutines, Material Design, Fragments, Jetpack Compose (Exploring)
- **Architecture:** MVVM, MVC, Modularization, Dependency Injection (Dagger Hilt)
- **Libraries:** Retrofit, OkHttp, Glide, Firebase, Google Maps API, Web3Auth
- **Storage:** Room Database, SQLite, Firebase Realtime Database
- **Tools:** Git, Gradle, Play Console, Firebase Console, Google Cloud Console, GitHub Actions (CI/CD Basics)
- **Core Skills:** Debugging, Issue Analysis, Crashlytics, REST APIs, JSON/XML, Push Notifications, JUnit, Performance Optimization, Team Collaboration

## Professional Experience

Android Developer	Uplogic Technologies, Madurai	Oct 2023 – Present
<ul style="list-style-type: none"><li>• Designed reactive UIs using ConstraintLayout, RecyclerView, and Material Components to ensure clean design and smooth performance.</li><li>• Delivered 25+ white-label apps across transportation, service, towing, and travel domains, including the flagship app <b>Shesha</b> (50K+ downloads).</li><li>• Migrated legacy Java applications to Kotlin, enhancing app stability and improving load times by 20%.</li><li>• Integrated Firebase and Google Maps APIs for real-time tracking, analytics, and instant push notifications.</li><li>• Collaborated closely with UX/UI designers, back-end engineers, and QA teams to deliver high-quality applications on schedule.</li><li>• Managed build configurations and deployments via the Play Console and Google Cloud Console.</li><li>• Diagnosed and resolved production issues using Firebase Crashlytics, Logcat, and Android Profiler, reducing crash rates by 15%.</li></ul>		

## Key Projects & Contributions

- **Client Installations:** Delivered and deployed 25+ client applications by proactively resolving product bugs and ensuring smooth installations.
- **Product Enhancements:** Upgraded and optimized 5+ company-owned products by updating Android versions and integrating modern payment gateways such as **Stripe**, **PhonePe**, and **Razorpay**.
- **Shesha App:** Achieved 50K+ downloads on the Play Store; implemented **Firebase Authentication**, **Google Maps tracking**, **Push Notifications**, and **Realtime Database**. Improved overall app stability by reducing crash rate by 35% using Crashlytics insights, fixing ANRs, optimizing memory usage.
- **TukTuk App:** Developed a secure **Solana wallet login** using **Web3Auth** with **Kotlin**, improving the onboarding experience of blockchain users.
- **News App:** Open-source modern news reader built with **MVVM**, **Coroutines**, **Dagger Hilt**, **Retrofit**, and **SQLite** for offline caching.  
github.com/sssundhar/newsapp

## Education

<b>Master of Computer Applications (MCA)</b> , Gandhigram Rural Institute — Dindigul	2021 – 2023, CGPA: 8.27
<b>B.Sc in Computer Science</b> , Madurai Kamaraj University College — Madurai	2018 – 2021, CGPA: 7.52