

Tushar Saini

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Overview

Senior Android Engineer with **6 years** of experience specialising in **real-time communication systems at scale**. Architected and shipped live audio/video calling, WebSocket-based chat, and concurrent service queue systems — proven at **1M+ user scale**. Expert in **Kotlin, Clean Architecture, MVVM, Jetpack, Coroutines, and Agora SDK**.

Built **Suvich – The Real Astrology from scratch to 1M+ installs** (4.5★, 8,000+ reviews) as Lead Android Developer, delivering **~100 production releases** over 4 years. Currently at **AstroSansaar**, leading Android development across multiple products including **AstroSansaar, Krishi Suvidha, and LegalFind**. Integrated **20+ REST APIs** and **10+ third-party SDKs** across production applications.

Work Experience

AstroSansaar, Senior Android Engineer

Panchkula, Haryana
Dec 2024 – Ongoing

- Built AstroSansaar **from scratch** — grew to **100K+ installs** through iterative releases and performance-driven development across 3 apps (AstroSansaar, Krishi Suvidha, LegalFind).
- Architected **real-time chat** (WebSockets + Firebase) and **audio/video calling** (Agora SDK) from ground up, supporting live expert consultations at scale.
- Designed **concurrent order queue system** handling simultaneous service requests without race conditions; integrated **20+ REST APIs** and **10+ SDKs** end-to-end.
- Optimised app startup and rendering performance using **Android Profiler** across a diverse device matrix.

Dhawala Online Solutions Pvt. Ltd., Lead Android Developer

Panchkula, Haryana
Aug 2020 – Nov 2024

- Built **Suvich – The Real Astrology from scratch to 1M+ installs**, 4.5★ rating, and 8,000+ reviews — delivered **~100 production releases** (bi-weekly) leading a **4–6 person team**.
- Owned full **real-time communication stack**: live audio/video and live streaming (Agora SDK), real-time chat (Sendbird + Firebase), and notification-driven order acceptance across all lifecycle states.
- Resolved ANR and memory issues via **Android Profiler**; maintained stability across **100+ device/OS combinations**.
- Integrated and maintained **10+ SDKs**: Agora, Sendbird, Sentry, Firebase, Facebook SDK, Singular, OneSignal.

Imark Infotech & WE ARE CODERS, Android Developer (Early Career)

Chandigarh / Dera Bassi
Sep 2019 – May 2020

- Contributed to early-stage Android app development (Selfpause); collaborated across engineering, design, and product teams to implement and debug core features.

Projects

AstroSansaar — Real-time chat (WebSockets + Firebase), audio/video calling (Agora), concurrent order queue. **100K+ installs.**

Krishi Suvidha — Socket-based real-time chat and audio/video calling (Agora) for rural agro-expert consultations; optimised for low-bandwidth connectivity.

Suvich - The Real Astrology — Built from scratch to **1M+ installs**, 4.5★. Full real-time platform: live sessions, chat, audio/video, order queue. **10+ SDKs, ~100 releases.**

Suvich - For Astrologers — Notification-driven order acceptance across all app lifecycle states (foreground, background, killed). Stack: Firebase, Agora, Sendbird, Sentry, Singular.



AstroSansaar
play.google.com



Krishi Suvidha
play.google.com



**Suvich
(The Real Astrology)**
play.google.com



**Suvich
(For Astrologers)**
play.google.com

Technologies

Languages & Architecture: Kotlin, Java, XML — MVVM, Clean Architecture, MVC

Android & Concurrency: Jetpack (ViewModel, LiveData, Navigation, Room), Coroutines, Flow

Real-Time & Media: WebSockets, Firebase Realtime DB, Sendbird, Agora SDK (Audio / Video / Live Stream)

Tooling & Monitoring: Android Studio, GitHub, Bitbucket, Jira, Sentry, Firebase Analytics, Singular, OneSignal

Education

B.Tech Punjab Technical University, Computer Science — 76%

Aug 2015 – Aug 2019

Certifications: Android Mobile App Developer (6 months) & Core Java Developer (6 weeks) — Solitaire Infosys, Mohali