

# Shubham Chouhan

Bangalore, Karnataka | 7054179123 | shubhamchouhane73@gmail.com | <https://www.linkedin.com/in/shubham-chouhan-889144156>  
<https://stackoverflow.com/users/9955950/shubham-chouhan>

## PROFESSIONAL SUMMARY

Experienced Android developer specializing in debugging, optimizations, and writing scalable code with a keen understanding of aligning technical solutions with business objectives to develop intuitive and easy-to-use product

## EDUCATION

B.Tech. in Electrical Engineering, IIT Kanpur  
Intermediate - CBSE, RBSE

July 2015 – April 2019  
May 2013 – July 2015

## TECHNICAL SKILLS

**Android Development** : Kotlin, Java, XML, Android Studio, Compose, Retrofit, Hilt/Dagger, Room, Coroutines, Flow  
**DevOps and Tools** : Git, Gradle, Postman, Charles, Firebase, Superset

## EXPERIENCE

- Software Developer 3** | Wayfair Mar 2025 – Present
- Leading the Android Payments team, driving the design and development of PayKit SDK — a plug-and-play solution enabling seamless onboarding, authentication for payment integration
  - Developed fresh auto-renewal for Wayfair Rewards paid membership, architecting a GraphQL schema-based solution enabling seamless subscription to payment methods for recurring premium plans with cost benefits and exclusive offers
- Software Developer 3** | Glance Jan 2023 – Mar 2025
- Designed, improved, and implemented **Analytics** in glance apps, enhancing session telemetry metrics. Revamped impression and click analytics in an existing SDK project, optimizing event tracking and simplifying analysis in Superset. Implemented real-time analytics for the Spaces project, managing networking, micro-batching, and server sync using gRPC. Architected and integrated analytics for the avatar app, supporting events at Glance server and Firebase Analytics
  - Designed and implemented the logic for **IPL widget**, providing live match updates along with content widgets on the **lock screen**. Coordinated with Xiaomi to add support for various widget formats on the lock screen and communicated updated statistics. Developed a system to handle live IPL updates in a small widget and display Glance content in a medium widget
  - Worked with a team on **AOSP** to deliver in-house RemoteView widgets, supporting various widget types and modes on the lock screen. Collaboratively developed an SDK to facilitate communication between lock screen actions and the app
  - Designed Face scan, used **Clean architecture** and coroutines to develop an avatar generation app. Utilized **ML Kit and Camera API** for face detection, doing math and logic to get best input image to ensure successful face capture to enhance avatar generation quality. Added configurable support for asynchronously scanning gallery images
  - Developed Myra, a chatbot, leveraging **Bing and GPT APIs** to serve as a chat assistant on the lock screen. Incorporated **Compose animations** for smooth loading and rendering of user chats and responses, seamlessly fetched from a database via a flow handling loading bounce getting updated with response from api
- Software Developer 2** | Glance July 2021 – Dec 2022
- Refined **glance rotation** and changing algorithms on the lock screen to be configurable, effectively managing card repetition scenarios during low battery mode. Implemented a time frequency cap to ensure the optimal delivery of the next card or ad based on priority and various conditions
  - Improved the latency of Glance data by merging two Glance data calls by 50%. This approach simultaneously managed Glance removal, updates, and additions. Utilized **coroutines** for concurrent execution, marking successful Glances for caching while rejecting faulty ones via an exception handler
  - Fixed legacy bugs and memory leaks, improving overall performance and optimizing app size with strong **debugging skills**
  - Enhanced performance by **optimizing glances download and cleanup** improving app size, memory and efficiency
  - Improved engagement metrics by **persisting the lock screen glance** app into the home screen post-unlock and integrated app shortcut feature handling app lifecycle with launch mode
  - Responsible for releasing and sdk integration with OEM. Collaborated with OEMs to integrate a tappable ribbon on the lock screen, providing more clickable area to explore glances which **improved DEU** by 70%
  - Provided mentorship to junior team members, offering guidance as they developed professionally and reviewing their PR's. Additionally, supported other teams that depended on our platform, promoting synergy and enhancing efficiency
- Software Developer 1** | Glance Jan 2020 – July 2021
- As part of the Engagement team, made various user-centric features such as Battery Saver, Data Saver, Corona/Sport Widget, Pocket Mode, and Silent Mode etc
  - Collaborated with a revamp **one-click install feature**, enabling app installs via Glance by triggering a broadcast to Xiaomi
  - Developed an online and offline game fragment, enhancing user experience by introducing pre-cached games for offline use. Implemented a pager for quick access to the best games and integrated in-game ads and native sponsored videos
  - Implemented FCM notifications to re-engage users who have disabled Glance, while handling Glance-enabled notifications

**Software Developer 1** | *Roposo**June 2019 – Dec 2019*

- Contributed to a **video streaming SDK**, enabling the delivery of cached videos through the SDK for integration in Glance
- Integrated quick-access dialogs for gift and paid video downloads, utilizing Roposo coins earned to enhance revenue

**Intern** | *NoBroker, Bangalore**May 2018 – July 2018*

- Collaborated with a colleague to develop a new app to record over 20K + calls daily, aimed at resolving issues related to conversation disputes for a property deal. Used firebase authentication and storage to store these call recordings
- Implemented RentalAgreement activity UI in Nobroker App, giving a pager of rental agreements

**ACHIEVEMENTS**

---

- *Received the Bond007, BuzzLight Feed, Rising Star Awards from Glance for outstanding contributions*