

Avjeet Singh

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WORK EXPERIENCE

PhonePe, Pincode

Bangalore

Software Engineer - Android

Apr 2024 - Present

- Leveraged **Kotlin & Compose Multiplatform** to build cross-platform features for Desktop and IOS apps, accelerating desktop POS platform support by migrating from an Android-native mono repo to a unified multiplatform architecture."
- Customized the open-source **Jitsi React Web App** to enable remote control support on Android without extra permissions; developed a Jitsi-based Android client and SDK that integrates with any app, providing **remote control** and **logging functionality** for a project called **Pinpoint AI Agent Debugger Tool**.
- Delivered **secure workforce management features** including check-in/out flows, background geofencing, and spoofing detection.
- Led **staff management module design**, integrating role-based access, onboarding workflows, and contact synchronization enabling store owners to manage 10,000+ staff members efficiently, improving operational productivity by 30%.
- Developed **QR code generation & printing feature** by building a dynamic form-driven QR label generator and integrating in-app printing support
- Developed a **self-onboarding flow** for stores, reducing onboarding time by 40% and increasing store listings on the platform by 25% within the first 3 months of launch.
- Utilized Kotlin & Compose Multiplatform to develop cross-platform features, supporting desktop and iOS apps, resulting in a 20% faster development cycle and adaptive UI/UX across platforms.

Router Sports Technologies

Delhi

Software Engineer/ E.M - Android

May 2019- Apr 2024

- Assembled and mentored a high-performing team of 8 Android engineers to develop an innovative app that achieved over **50M+** downloads, surpassing industry standards with a crash rate of only 0.2%.
- Transformed user experience by innovating the **video playback module**, merging **live game streaming**, playback features, pre-roll ads and live chat capabilities using sockets resulting in a 30% increase in user engagement and **ad revenue**.
- Implemented a robust monetization strategy by integrating Google Ad SDK, custom brand affiliations, and an e-commerce marketplace with a secure payment gateway, resulting in a significant revenue stream

surpassing **millions of dollars**.

- Spearheaded the development of Rooter Reels into the existing app, driving a 40% surge in average user engagement with short video content and amplified overall media consumption in new users funnel to 90%.
- Innovated the **Rooter Tasks, Rewards and Coupons feature**, introducing user economy and facilitating brand integrations subsequently enhanced user stickiness through heightened engagement opportunities.
- Conceptualized and deployed a diverse suite of **user-generated content tools** for videos, images, and polls resulting in a 50% surge in post creation by new users.
- Crafted a mobile app roadmap with key features & updates enabling the development team to launch **2 - 3 new releases** every month with major updates.

FOSSASIA

Feb 2018 - May 2018

Google Summer of Code'18 Intern

- Led the design and implementation of user-friendly, intuitive app interfaces in collaboration with designers and product managers.
- Created robust APIs with RESTful services to integrate mobile apps & back-end systems.
- Authored weekly blog posts, reaching an audience of 20K+ readers on FOSSASIA's website.

EDUCATION

Guru Gobind Singh Indraprastha University, Delhi

B.Tech, Computer Science & Engineering - Graduation Date: Aug 2019

SKILLS

Android, Kotlin, Compose, Kotlin Multiplatform, Compose Multiplatform, Java, React, XML, Firebase, Gradle, Unit Testing, UI/UX, GraphQL, Git, Hilt, Koin, RxJava, OOPS, Design Patterns

ACHIEVEMENTS

- 2nd Position in Smart India Hackathon'18
- GSoC Mentor and Speaker - FOSSASIA
- Winner of Pincode Hackathon 2025 for Pinpoint AI Agent Debugger.