

Subhash Kumar

Software Engineer II (Android)

+91-9621777177 | skumar.iitaa@gmail.com | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | Gurugram, India

SUMMARY

Kotlin-first Android developer with 5+ years of experience in Jetpack Compose, Flutter, and KMM. Skilled in design and architecture, focusing on performance, security, and building apps serving millions across fintech and telecom industries.

TECHNICAL SKILLS

Programming Languages & Core Components: Kotlin, Java, Dart, Kotlin Multiplatform, Android Jetpack, ViewModel
Architectures & Reactive Components: MVVM, MVI, MVP, Clean Architecture, LiveData, Flow, RxJava, Channel
UI/Frontend: Jetpack Compose, Material Design, XML Layouts, View Binding, Data Binding, Paging
Testing & QA Tools: Unit Testing, JUnit, Mockito, MockK, Espresso, Test-Driven Development
Build & DevOps: Git, CI/CD pipelines (GitLab, GitHub Actions, Jenkins), Gradle Build Optimization
Networking & Libraries: RESTful APIs, Retrofit, Ktor, Coroutines, WebSocket, WorkManager, Navigation, Hilt, Koin
Databases Storage & Methodologies: Room Database, SQLite, DataStore, Secure Storage, Agile/Scrum
Performance & Security: Baseline Profiles, Memory Leaks, StrictMode, R8/ProGuard, Obfuscation, VAPT, SSL Pinning
Other Tools & Platforms: Firebase, Mixpanel, Clevertap, Charles Proxy, Android Profiler, FCM, Play Store Deployment

WORK EXPERIENCE

Software Engineer II | BharatPe | Gurugram | December 2024 – Present

BharatPe: UPI, Credit, Rewards

- Led **OAuth 2.0** migration for 1M+ active users, architecting a backward-compatible token system that achieved 95% seamless user transition while reducing session errors by 40%.
- Overhauled payment, onboarding, and authentication flows by migrating from web-based to fully native using **MVVM** architecture, reducing transaction failures by 25%, improving transaction speed, and boosting user retention by 10%.
- Implemented **Google Play Integrity** API to secure 1M+ monthly transactions, preventing unauthorized access from rooted/compromised devices and reducing fraud-related support tickets by 60%.

Software Engineer II | Deutsche Telekom Digital Labs | Gurugram | November 2021 – December 2024

T-Life : T-Mobile (USA)

- Led end-to-end development of the T-Life app using MVI architecture and Jetpack Compose, delivering to millions of T-Mobile customers and driving 38% higher engagement compared to the legacy app.
- Applied Baseline Profiles with Android Vitals and profiling tools, reducing cold start from 4.5s→3s, warm start from 2.6s→1.5s, and hot start from 1s→0.5s, achieving 24% faster launches and 22% lower drop-offs.
- Implemented CI/CD pipelines for the T-Life app, enabling selective test execution by running only impacted modules, reducing test suite runtime by ~55% and cutting CI costs by ~40%.

OneApp: Self-care app for Deutsche Telekom (Germany and 10+ More European Countries)

- Developed and launched the Magenta Moments engagement program, integrating personalized offers, interactive games, and rewards, resulting in a 35% boost in user engagement.
- Designed and optimized a seamless First-Time Setup (FTS) process within Home Gateway Management, reducing router onboarding time by 25% and enhancing overall user experience.
- Built remote diagnostic tools that enabled support teams to resolve 80% of network issues without field visits, saving €1M+ annually in operational costs while improving customer satisfaction scores by 25%.

Software Engineer | Samsung R&D | Noida | June 2019 – November 2021

Samsung Clock: Alarm, World Clock, Stopwatch, and Timer features

- Designed and shipped Bedtime Alarm feature used by 2M+ Samsung device users, achieving 30% adoption rate.
- Delivered Timer Picture-in-Picture functionality enabling seamless multitasking, while establishing a comprehensive testing framework that boosted code coverage from 45% to 89%, reducing production bugs by 35%.

EDUCATION & AWARDS

Bachelor of Technology in Information Technology - IIT Allahabad | July 2015 – June 2019

- Recognized for Excellence (Q2 2023):** Received I'm T Count on Me award for exceptional technical contributions and commitment to delivery excellence across multiple high-impact projects.
- Pioneered Flutter-Native Integration:** Architected hybrid Flutter-Android solution in OneApp, reducing development cycles by 40% and enabling cross-platform feature delivery with 60% less engineering effort.