

Januprasad K

Senior Android Developer - Specialization in Building Design Systems

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SUMMARY

Engineered high-performance Android applications and SDKs using Kotlin and Java, delivering a 25% increase in user engagement and a 15% reduction in crash rates over 8+ years.

SKILLSET

● Kotlin ● Java ● Kotlin Multi Platform Mobile (KMP, KMM) ● MVVM, MVP, Clean Architecture ● Agile & Scrum
● Jetpack Compose ● Coroutines ● Solid Principles ● Git & Terminal ● Hilt & Dagger 2
● Design Systems ● Unit Testing using Junit, MockK, Turbine ● CI/CD ● Code Review & Debugging
● Technical and Spike Documentation ● Jira ● Mobile SDK Development

EMPLOYMENT

Perfectz Digital — Team Lead, Senior Android Developer at Cakap, Jakarta

Sep 2022 - Present

- Led the Android team to optimize the Cakap App to enhance performance, reduce build time, and implement robust Firebase crash fixes, achieving a 4.9 Play Store rating and 1 million users.
- Engineered and rolled out the Syllabus design system for the Cakap Android App, featuring atomic and molecular UI elements that achieved 99% alignment with Figma.
- Managed a cross-functional team of 5 in 2 locations (Bangalore, Jakarta), ranging from mid-level to seniors, and closely collaborated with feature development, user engagement, and crash fixes.
- Enhanced Gradle build process and optimized dependencies for Cakap, bringing about a 40 percent decrease in build time.
- Guaranteed thorough unit testing for edge cases on all Pull Requests, maintaining 90% feature compatibility with existing systems, and minimizing integration challenges across the software development lifecycle.
- Conceptualized the Model-View-ViewModel (MVVM) architecture in Cakap & restructured the feature modules, resulting in code getting clear separation and accessibility to enhance and add features, leading to a 40% faster development.

Hatio Innovations PVT LTD, Kochi —Senior Software Engineer

Sep 2016 - Aug 2022

- Led the team in building & acquiring the certification of EMVCo payment SDK using Kotlin & Room DB, resulting in powerful knowledge in JWT authentication & the Key exchange algorithms, increasing secure communication by 95%.
- Revamped Coinome Exchange and Wallet App in Native Android (Java + Kotlin) using TDD, achieving deep knowledge in Blockchain, Cryptocurrency, Exchange, Transaction, BIP32, and generating crypto keys using the ECDSA algorithm.

- Re-engineered Coinome Android Wallet's optimizations and memory leak using ProGuard & LeakCanary, resulting in 20% faster load times and reduced crashes of Coinome Android Wallet.
- Redesigned Billdesk Payment SDK, integrating new functionalities that improved transaction success rates by 25%, while deepening skills in Data Binding & Room, Work Manager.
- Mentored 3+ junior Android developers and delivered a concrete foundation in push notifications, SQLite, Android SDK framework, lifecycle & architecture.

MobMe Wireless, Kochi — Android Developer

Jan 2015 - Aug 2016

- Maintained MobileID using Java, a robust authentication Android app UI/UX built using Google's Android design principles, interface guidelines, and MVP Design pattern.
- Streamlined JetSetPay App, resulting in gained hands-on experience with RX Java, Retrofit, Gradle, JSON and RESTful API.
- Revamped the Mobile ID App for Lulu Group and gained experience publishing the application on the Google Play store.

EDUCATION

Bachelor's Degree

B.TECH at Calicut University in Information Technology.