KARTHIGA K

Android Developer | Kotlin | Java | Flutter | 4+ Years Experience

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📍 Chennai, Tamil Nadu

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PROFILE SUMMARY

Results-driven Android Developer with 4+ years of experience in designing, developing, and maintaining scalable mobile applications. Skilled in Kotlin, Java, Jetpack Compose, Flutter, and MVVM architecture. Proven track record of improving app performance, stability, and user experience across fintech, real estate, and HR applications. Strong expertise in REST API integration, secure data handling, and CI/CD automation.

TECHNICAL SKILLS

Languages & Frameworks: Kotlin, Java, Dart, Flutter, Jetpack , XML

Architecture Patterns: MVVM, MVP, Clean Architecture

Jetpack Components: ViewModel, LiveData, Room, WorkManager, Navigation

Networking: REST API, Retrofit, OkHttp, JSON, WebSockets

Database: SQLite, Room, Firebase Firestore

Tools & Platforms: Android Studio, Git, Jira, Firebase, Google Maps API

Testing & Deployment: JUnit, Espresso, Mockito, Jenkins, GitHub Actions, Play Store

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WORK EXPERIENCE

Senior Programmer Analyst

Thapovan Info Systems – Chennai, Tamil Nadu

Jan 2024 – Present

- end-to-end development of 5+   Android and Flutter applications.
- Improved app performance by 30% through optimized API handling and background processing.
- Reduced crash rates by 40% using Firebase Crashlytics and performance monitoring.
- Integrated Google Maps and GPS features for real-time navigation and location tracking.
- Built secure authentication systems and optimized WebView performance.
- Collaborated with UI/UX designers and backend teams in Agile environment.

Software Engineer

M2P Fintech – Chennai, Tamil Nadu

Apr 2021 – Jun 2023

- Developed and maintained high-security fintech applications.
- Integrated third-party payment gateways and banking APIs.
- Implemented secure local storage and encrypted authentication flows.
- Improved app stability and handled high-volume transaction processing.
- Actively participated in code reviews and sprint planning.

PROJECTS

CasaGrand – Real Estate Application

Tech Stack: Java, MVVM, Retrofit, Google Maps, Firebase

- Developed property listing, booking, and inquiry features.
- Integrated live map navigation and optimized UI workflows.
- Improved customer conversions via dynamic UI updates.

SiteVisit – Location-Based Application

Tech Stack: Kotlin, MVVM, Coroutines, Google Maps

- Built real-time check-in/check-out system.
- Implemented offline caching using Room Database.
- Improved field team productivity through GPS-based automation.

Oodo HRMS Portal

Tech Stack: Kotlin, WebView, MVVM, Firebase

- Integrated enterprise HRMS into secure WebView architecture.
- Implemented session management and error handling systems.
- Monitored crashes using Firebase Crashlytics.

LivQuik – Digital Wallet Application

Tech Stack: Kotlin, Retrofit, Firebase

- Developed wallet recharges, bill payments, and QR transactions.
- Implemented encrypted storage and secure authentication.

AlfaPay – Banking & Remittance Application

Tech Stack: Kotlin, MVVM, Firebase

- Built international money transfer modules.
- Improved high-volume transaction performance.
- Enhanced security compliance and monitoring tools.

EDUCATION

B.E – Electronics & Communication Engineering

Roever Engineering College (2015 – 2019)

HSC

St. Mary's Girls Higher Secondary School (2013 – 2015)

LANGUAGES

- Tamil – Native
- English – Fluent