

# KARTHIK M

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## OBJECTIVE

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Senior Flutter Developer with 7.8 years of experience in mobile app development, cross-platform solutions. seeking challenging Flutter Developer or Senior Mobile Application Developer roles.

## EDUCATION

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Msc in Computer Science, College of Applied Science IHRD Vazhakkad	2015 - 2017
Bsc in Computer Science, College of Applied Science IHRD Vazhakkad	2012 - 2015

## SKILLS

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Mobile Development	Flutter, Dart, Android Studio, Native Android Development
Programming Languages	Dart, Java, Kotlin, JavaScript, Python (Basic), PHP
Backend & Database	Firebase, Node.js, FastAPI, REST APIs, MySQL, SQLite, Firestore, MongoDB
AI Integration	Groq AI, AI Chat Implementation, API Integration
State Management	Bloc, Riverpod, GetX
Development Tools	VS Code, Android Studio, Android SDK
Backend Services	Firebase, Appwrite, Google Cloud Platform
Web Technologies	JSON, REST, XML, SOAP, WebView Integration
Version Control	Git, GitLab, GitHub
DevOps & Deployment	CI/CD Pipelines, Google Play Store, Apple App Store
Location Services	Google Maps API, GPS Integration
Payment Integration	Payment Gateways, In-App Purchase (Android & iOS), Digital Wallets

## EXPERIENCE

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Senior Flutter Developer	Nov 2021 - Present
HIFX IT and Service Media	<i>Remote</i>

- Integrated multiple payment gateways and implemented secure in-app purchase functionality for both Android and iOS platforms
- Built POSIF private social network platform with integrated features including newsfeeds, chat, task management, document sharing, live streaming, and AI-powered chat functionality using Groq AI integration
- Designed and implemented Appwrite backend integration with database queries, real-time subscriptions, and user authentication
- Architected scalable mobile applications supporting both newsfeed-centric and chat-centric layouts with customizable app integration
- Implemented POSIF rating system for merchant-customer interactions with real-time feedback mechanisms
- Utilized Firebase, Appwrite, and CI/CD pipelines to ensure robust backend integration and automated deployment processes
- Developed and maintained TagCash digital wallet application serving 1K+ users featuring personal and merchant account management with easy KYC setup, multiple top-up methods including 7-11, DragonPay, direct bank transfers, and PesoNet integration
- Implemented comprehensive payment solutions including QR code payment system, bill payment functionality, mobile load purchasing, peer-to-peer transfers, and automated 2% fee processing for merchant transactions using Flutter and REST APIs

- Developed 15+ mobile applications using Flutter and Android native technologies, serving diverse industries including education, healthcare, and jewelry
- Created jewelry investment applications for clients including Saleena Gold and Diamond, Sky Gold, enabling customers to invest in gold through monthly and yearly schemes
- Built comprehensive gold investment platform with features including scheme management, payment tracking, investment portfolio, and maturity calculations
- Developed ClassBell educational platform connecting 10K+ students, parents, and teachers with features including attendance tracking, homework management, and GPS bus tracking
- Built Kerala Living Business Club (KLBC) networking platform for business professionals with messaging, event management, and job posting capabilities
- Implemented real-time GPS tracking solutions for school bus monitoring and courier delivery management systems
- Designed and developed RESTful APIs using Node.js and PHP for seamless mobile-backend integration
- Successfully deployed applications to Google Play Store and Apple App Store with consistent 4+ star ratings
- Integrated payment gateways and in-app purchase functionality across multiple jewelry and business applications
- Mentored junior developers and conducted code reviews, establishing coding standards and best practices across the development team

## PROJECTS

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**POSIF Private Social Network.** All-in-one platform for creating private social networks with integrated news-feeds, chat systems, task management, document sharing, and live streaming. Implemented AI-powered chat functionality using Groq AI integration for enhanced user interactions.

**TagCash Digital Wallet.** Comprehensive fintech application featuring personal and merchant account management with easy KYC setup. Implemented multiple top-up methods including 7-11, DragonPay, direct bank transfers, and PesoNet integration. Built secure peer-to-peer transfers, QR code payment system, bill payment functionality, and mobile load purchasing. Developed separate merchant account management with admin user controls, QR code generation for payments, and automated 2% fee processing for incoming merchant transactions serving active users across multiple countries.

**Jewelry Investment Platform - Saleena Gold & Diamond, Sky Gold, ss gold etc.** Gold investment scheme management applications enabling customers to invest in gold through monthly and yearly plans. Features include investment tracking, scheme portfolio management, maturity calculations, payment gateway integration, and agent money collection system used by multiple jewelry stores.

**ClassBell Educational Platform.** Smart communication platform connecting students, parents, and teachers. Implemented GPS bus tracking, attendance management, homework tracking, fee management, and real-time messaging serving 10K+ users with integrated payment solutions for fee collection.

**KLBC Business Networking App.** Professional networking platform for business community with messaging, event management, job posting, and contact directory features. Built using Flutter with Firebase backend integration and premium membership through in-app purchases.

## TECHNICAL ACHIEVEMENTS

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- Successfully deployed 13+ applications to Google Play Store and Apple App Store
- Implemented secure payment processing systems and in-app purchases handling transactions
- Developed scalable applications supporting 10K+ concurrent users
- Integrated complex payment gateways across multiple platforms including jewelry investment schemes

- Successfully implemented in-app purchase functionality for both Android and iOS platforms
- Specialized in jewelry investment applications with secure transaction processing

## CORE COMPETENCIES

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- Cross-platform mobile development with Flutter and native Android
- AI integration and chat functionality implementation using Groq AI
- Jewelry investment and gold scheme management applications
- Payment gateway integration and in-app purchase implementation (Android & iOS)
- Real-time communication and social networking platforms
- Secure transaction processing and financial application development
- GPS tracking and location-based services implementation
- RESTful API design and backend integration
- Agile development methodology and CI/CD implementation