FATHUL HIDAYAT

Full-Stack Mobile Developer

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PROFESSIONAL SUMMARY

Experienced software developer with 3 years of programming experience, specializing in cross-platform mobile development (Flutter) and native platforms (Android/iOS). Proven track record of developing and publishing 6+ applications on Google Play Store. Expertise in full-stack development with Go backend, real-time communication (WebSocket), AI integration (Google Gemini, OpenAI), and modern architecture patterns. Passionate about building scalable, maintainable applications with clean code principles. Quick learner with strong problem-solving skills, experienced in translating business requirements into functional software solutions.

PROFESSIONAL EXPERIENCE

Mobile Developer
PT UniGuard Indonesia

August 2024 - Present
Bandung, West Java

Developed and maintained mobile applications for both cross-platform (Flutter with Riverpod) and native platforms (Kotlin, Java, Swift). Experienced in full app lifecycle from development to Play Store publishing. Implemented real-time communication features using WebSocket and push notifications with Firebase Cloud Messaging (FCM). Translated business requirements into functional and scalable software solutions. Worked closely with cross-functional teams to design and implement new features. Optimized application performance and resolved technical issues. Maintained clean, modular, and well-documented code for future development.

Flutter Mobile Developer
PT Zen Multimedia Indonesia

June 2023 - July 2024
Purwakarna, West Java

Designed and implemented new features in mobile apps using Flutter, implemented BloC architecture, fixed bugs, and learned best practices in software development.

Android Developer (Internship)
Prahwa

July 2022 - October 2022
Tasikmalaya, West Java

Learned Dart and Flutter from basic, slicing UI design from Figma, created example projects, and implemented BloC state management and clean architecture.

TECHNICAL SKILLS

Mobile Development

Flutter   Kotlin   Java   Swift

Backend & Web

Go   PHP   JavaScript

Desktop & IoT

C#   Python

Technologies & Tools

WebSocket   REST API   Firebase FCM

Google Maps API   PostgreSQL

Clean Architecture   Riverpod   BLoC

JWT   Git

KEY PROJECTS

UniGuardZ - Staff Management Platform

Flutter, Kotlin, Swift, SQLite, REST API, Google Maps, Firebase FCM

Next generation staff presence, guard tour management and location verification platform. Features real-time tracking, data transparency, and workforce operations streamlining.

XChat - Real-time Chat App

Flutter, Go, WebSocket, Riverpod, Clean Architecture, JWT, PostgreSQL, Google Gemini API, OpenAI API

Comprehensive real-time chat application with AI integration. Features user authentication, private/group chats, real-time messaging via WebSocket, and AI assistants integration with Google Gemini and OpenAI ChatGPT.

Bebunge - Government Portal

Flutter, Bloc, REST API, Google Maps API

One-Stop Portal Service for Bekasi Regency government. Provides information about government programs and handles public complaints and aspirations with automated forwarding to relevant departments.

ProSmart - Legal Evidence Management

Flutter, Bloc, REST API

First free online evidence return application in Indonesia. Allows users to check belongings used as evidence in court at Cikarang District Court.

PTT Uniguard - Push-to-Talk Communication

Java, REST API, WebSocket, Mumble Server, Google Maps API

Modern communication solution for team communication with Push-to-Talk (PTT) platform. Offers speed, efficiency, and security for business operations.

GPS/BLE Uniguard - Device Management

Kotlin, Swift, WebView, Caching, REST API, BLE

Mobile applications for managing GPS and BLE tracking devices. Requires Traccar server instance and provides comprehensive device management capabilities.

ACHIEVEMENTS

• Successfully developed and published 6+ applications on Google Play Store

• Implemented AI integration with Google Gemini and OpenAI APIs in production applications

• Built full-stack applications with Flutter frontend and Go backend

• Experienced in real-time communication systems using WebSocket

• Proficient in both cross-platform and native mobile development

• Strong expertise in modern architecture patterns and clean code principles