

# FATHUL HIDAYAT

Mobile App Developer

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## // PROFESSIONAL SUMMARY

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Experienced software developer with 3 years of programming experience, specializing in cross-platform mobile development (Flutter) and native platforms (Android/iOS). Successfully published 6+ applications on Google Play Store and 1 application on Apple App Store. Expertise in full-stack development with Go backend, real-time communication (WebSocket), AI integration (Google Gemini, OpenAI), and modern architecture patterns. Remote-work ready with strong experience in asynchronous communication, agile methodologies, and distributed team collaboration. Passionate about building scalable, maintainable applications with clean code principles and CI/CD practices.

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## // TECHNICAL SKILLS

### MOBILE DEVELOPMENT

Flutter

React Native

Kotlin Multiplatform

### ANDROID DEVELOPMENT

Kotlin

Java

## IOS DEVELOPMENT

Swift

## BACKEND DEVELOPMENT

Go

## DESKTOP DEVELOPMENT

C#

## IOT DEVELOPMENT

Python

## WEB DEVELOPMENT

JavaScript

Laravel

## TOOLS & TECHNOLOGIES

VS Code

Android Studio

Xcode

Postman

Git

GitHub

Figma

Trello

Discord

Docker

Firebase

PostgreSQL

SQLite

## // EDUCATION

### Software Engineering

SMK YPC Tasikmalaya

2023

Graduated as top student in Software Engineering program. Specialized in software development, programming fundamentals, and practical application development.

## // KEY PROJECTS

### UniGuardZ

Tech: Flutter, Kotlin, Swift, SQLite, REST API, Google Maps , Firebase Cloud Messaging

```
// UniGuard Z is the next generation staff presence, guard  
tour management and location verification platform developed  
from over 20 years of experience in the Australian security  
and hygiene industry. Designed to be incredibly simple and  
flexible enough to capture the exact data you need,  
delivered straight to your inbox! UniGuard has successfully  
fought public litigation claims, secured payment for  
services rendered and streamlined your workforce operations  
by helping to ensure data transparency across your  
workforce.
```

## Bebunge

Tech: Flutter, Bloc, REST API, Google Maps API

```
// Bebunge is a One-Stop Portal Service owned by the Bekasi  
Regency Communication, Informatics, Cryptography and  
Statistics Service. With Bebunge, the public will get  
information about government programs and other information.  
The Bebunge application functions as an application for  
complaints and aspirations from the public which will then  
be forwarded to the relevant section for follow-up.
```

## Prosmart

Tech: Flutter, Bloc, REST API

```
// ProSmart application is the first free online evidence  
return application in Indonesia. You can download this  
ProSmart application on Playstore. In this application you  
can check your belongings that have been used as evidence in  
court at the Cikarang District Court
```

## PTT Uniguard

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

```
// Introducing UNIGUARD PTT, a modern communication solution  
designed to simplify and accelerate your team's
```

communication. In this digital era, we understand that speed, efficiency, and security are key to maintaining smooth business or organization operations. Uniguard PTT is here as an answer to these needs by offering a reliable and easy-to-use Push-to-Talk (PTT) platform.

## GPS Uniguard

Tech: Kotlin, Swift, WebView, Caching

```
// GPS Uniguard is a mobile application for managing GPS tracking devices. It requires a Traccar server instance to work.
```

## BLE Uniguard

Tech: Kotlin, REST API, BLE

```
// BLE Uniguard is a mobile application for managing BLE tracking devices. It requires a Traccar server instance to work.
```

## XChat - Real-time Chat App

Tech: Flutter, Go, WebSocket, Riverpod, Clean Architecture, JWT, PostgreSQL, Google Gemini API, OpenAI API, AI Integration

```
// A comprehensive real-time chat application with Flutter frontend and Go backend. Features user authentication, private/group chats, real-time messaging via WebSocket, and AI integration with Google Gemini and OpenAI ChatGPT. Users can interact with AI assistants directly within chat rooms through tools-level integration. The project demonstrates full-stack development capabilities with modern technologies and AI/ML integration.
```

## Assets Track RFID

Tech: Kotlin, REST API, RFID SDK

```
// The Assets Track RFID app is designed specifically for handheld devices equipped with RFID capabilities. The application leverages specialized SDKs provided by handheld device manufacturers to enable seamless RFID tag reading and management. It provides an intuitive interface for tracking and managing various items, batches, and transactions through integrated RFID scanning capabilities.
```

## NetGuard

Tech: Android, iOS, Kotlin, Compose Multiplatform, SQLDelight, REST API, Background Tasks, Firebase Cloud Messaging

```
// NetGuard is a comprehensive server monitoring application built with Kotlin Multiplatform, designed to help employees stay informed about server status and ensure timely maintenance. The app provides real-time server monitoring, incident reporting, and comprehensive analytics to keep your infrastructure running smoothly.
```

## // ACHIEVEMENTS

- ▶ Successfully developed and published 7+ applications on Google Play Store and Apple App Store
- ▶ Implemented AI integration with Google Gemini and OpenAI APIs in production
- ▶ 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