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.
*/
```

// 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