

MUHAMMAD FATKHU ROHMAN

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SUMMARY

Android Developer with over 2 years of experience in developing mobile applications using Kotlin and Java. Certified Google Associate Android Developer and experienced in building modern Android applications with Jetpack Compose, modular architecture, MVVM, and MVI. Expert in REST API integration, MQTT, NFC, and end-to-end feature development from UI implementation to backend integration. Actively learning the latest mobile technologies, oriented toward code quality, and accustomed to building scalable, maintainable, and easily developable applications.

EXPERIENCE

Android Developer

November 2023—Present, D.I. Yogyakarta

Teravin Technovations

- Developed OCR-based e-KYC features for automatic identity data extraction and validation in the user verification process.
- Developed and maintained Face Recognition Terminal (FRT) systems, including integration of recognition engines and MQTT-based communication for cross-device data synchronization.
- Evaluated and migrated face recognition SDKs to new solutions to increase development flexibility and maintain system compatibility.
- Designed a proof of concept for APDU Command-based NFC communication between Android devices and NFC Readers, covering command exchange and card/tag data reading.
- Developed an Android-based VoIP SDK that can be integrated into React Native applications to support real-time communication needs.
- Contributed to the development of a Visitor Management System (VMS) with passport scanner integration for automating identification data capture.

Mobile Developer Intern

August—December 2021, Semarang

PT Rekayasa Agromarin Indonesia

- Developed an Android application for a water quality calculation system based on a previously available web version.
 - Designed and implemented backend services and REST APIs to support application requirements.
 - Translated business logic and water quality calculations from the web platform to the mobile platform.
 - Collaborated with the team to ensure data consistency and calculation results between the system and Android.
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PROJECT

Moneyfikasi

A personal financial management application based on Android designed to help users manage income, expenses, budgets, and recurring transactions.

Forlabis

A mobile application for managing and monitoring practical activities used by students and lecturers in the Informatics Study Program at Diponegoro University.

Fishku

An Android-based e-commerce application developed to facilitate the digital buying and selling of fishery products.

EDUCATION

Diponegoro University

August 2019—September 2023, Semarang

Bachelor of Informatics - GPA 3.76

SKILLS

Programming Languages : Kotlin, Java

Android Development : Android SDK, Jetpack Compose, XML, MVVM, MVI, Clean Architecture

Tools : Android Studio, Git

Non-technical : Problem Solving, Analytical Thinking, Team Collaboration, Communication, Adaptability

CERTIFICATIONS

Associate Android Developer

Google Developers

[Certificate Link](#)

Menjadi Android Developer Expert

Dicoding Indonesia

[Certificate Link](#)

Belajar Membuat Aplikasi Android dengan Jetpack Compose

Dicoding Indonesia

[Certificate Link](#)

Belajar Pengembangan Aplikasi Flutter Intermediate

Dicoding Indonesia

[Certificate Link](#)

Mobile Development Cohort

Bangkit Academy led by Google, GoTo, & Traveloka

[Certificate Link](#)