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Muhammad Reinaldy Hermawan

SUMMARY

Software Engineer specializing in mobile application development with 3+ years of experience building and maintaining production-scale Android and Flutter applications. Proficient in **Kotlin (XML & Jetpack Compose)** and **Flutter**, with experience delivering secure, high-traffic apps in **fintech, banking, transportation, and enterprise environments**. Experienced in implementing complex features, collaborating in cross-functional teams, and contributing to scalable mobile architectures such as Server-Driven UI.

EXPERIENCE

Nusantara Beta Studio – Software Engineer

September 2022 – Present

- Developed and maintained **production multi-platform mobile applications** using **Kotlin (XML & Jetpack Compose)** and **Flutter**.
- Engaged as a **body hire developer** for major enterprise clients, including **Bank Danamon (D-Bank Pro)** and **Astra (Auto2000 Digiroom)**.
- Built and maintained applications across **fintech, banking, transportation, logistics, automotive, and retail domains**.
- Implemented complex features such as **real-time tracking, QR-based ticketing, digital payments, foreign exchange, and financing simulations**.
- Collaborated closely with **backend, product, QA, and design teams** to deliver scalable and user-focused solutions.
- Worked on **large-scale, high-traffic applications** used by thousands to millions of users.
- Contributed in **Server-Driven UI architecture** in a production banking application, and later developed a **proof of concept** to evaluate and adapt the same approach for another large-scale project.
- Focused on **performance, security, and maintainability**, especially for financial and enterprise-grade applications.

Dicoding Indonesia – External Reviewer

August 2022 – September 2025

- Reviewing academy submissions from students in **Android Developer Learning Path**, providing technical feedback and code quality assessments.
- Maintained an **average rating of 4.9/5.0** from **1,105+ students** as of September 2025.

Agate International – Independent Study

August 2021 – Jan 2022

- Studied **Game Design** and **Game Programming** through Dilo Game Academy.
- Led **Game Design Document creation** for a 2D diving game prototype.
- Project selected as **Top 10 out of 52 submissions**.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka – *Mobile Development Student*

February 2021 – July 2021

- Completed **6 Android certifications** using Kotlin.
- Developed an Android app for **public protocol violation detection** using **computer vision**.
- Graduated with **Distinction**.

EDUCATION

Institut Teknologi Kalimantan, Balikpapan – *Informatika 3.66/4.00*

2018 – 2023

SMK Negeri 7, Samarinda – *Rekayasa Perangkat Lunak*

2015 – 2018

CERTIFICATIONS

Android Developer Learning Path – *Dicoding*

2021 – 2024

Software Development: Database Programming – *Badan Nasional Sertifikasi Profesi*

2018 – 2020

PUBLICATIONS

Pengembangan Aplikasi Deteksi Pelanggaran Protokol Covid-19 dengan metode Convolutional Neural Network berbasis Arsitektur MVVM – *SPECTA Journal of Technology*

April 2022

- Published research on an **Android-based public safety application** using **CNN and MVVM architecture** for detecting protocol violations via CCTV.

TECH STACK

- Languages: Kotlin, Dart
- Mobile: Android (XML, Jetpack Compose), Flutter
- Architecture: MVVM, Clean Architecture, Server-Driven UI
- Tools & Others: Git, REST API, Firebase, and more