

# Reza Luthfi Akbar

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## Professional Summary

Mobile developer with expertise in Flutter cross-platform and Kotlin native development. Experienced in clean architecture, state management (BLoC, Provider), and building complete mobile apps integrating REST APIs, Firebase, and AI features (Gemini, ML Kit). Proven through award-winning projects and Teaching Assistant role in Mobile Programming.

## Education

Universitas Gadjah Mada, Software Engineering Technology — GPA: 3.74/4.0 Jul 2023 – Present  
Relevant Coursework: Mobile Programming, Object Oriented Programming, Data Structures & Algorithms, Software Architecture, Database, Artificial Intelligence

## Technical Skills

Mobile Development: Flutter (BLoC, Provider), Kotlin (Android Native), Java  
Backend & Database: Firebase (Auth, Firestore, Storage), Supabase, RESTful API, SQL  
Tools & Technologies: Git, GitHub, GitLab, Android Studio, VS Code, Postman, Figma, Trello, Clean Architecture  
AI/ML Integration: Gemini AI API, ML Kit (Text Recognition, Digital Ink Recognition)

## Technical Experience

Teaching Assistant, Mobile Programming I - Universitas Gadjah Mada Aug 2025 – Present  
• Mentored 25 students in developing Android applications using Kotlin and Android Studio with 14 sessions total  
• Provided guidance on OOP concepts, Android lifecycle, UI/UX implementation, and debugging techniques  
Mobile Developer, Google Developer Groups on Campus UGM Nov 2024 – May 2025  
• Developed Neurodyx using Flutter with clean architecture and Provider state management  
• Integrated AI services (Gemini AI, ML Kit) and accessibility features (TTS, STT, customizable reading tools)  
Staff of Software and Research Development, Komunitas Mahasiswa TIK UGM Feb 2024 – Nov 2024  
• Selected as Top 10 teams representing UGM in GEMASTIK 2024 national competition  
• Developed GameFit, a gamified fitness mobile app with GPS-based activity tracking and virtual reward mechanics

## Projects

SatuLemari - Clothing Platform Mobile App github.com/rezaluthfi/satu-lemari-app  
• Built Flutter app with BLoC pattern for clothing donation, rental, and thrifting  
• Implemented AI recommendations, interactive chatbot, smart search, QRIS payment integration, and geolocation  
Neurodyx - Dyslexia Support Mobile App github.com/rezaluthfi/neurodyx-app  
• Developed Flutter app with clean architecture and Provider for dyslexia screening, multisensory therapy, progress tracking, AI-powered dyslexia support, and customizable reading tools  
• Integrated Firebase services and AI features (Gemini AI, ML Kit Text & Digital Ink Recognition, TTS & STT)  
Cinamate - Cinema Ticket Booking App github.com/rezaluthfi/Cinamate-App  
• Built Kotlin Android app with Room database and RESTful API using Retrofit as final project Mobile Programming  
• Implemented complete booking flow with search/filter, seat selection, ticket management, and cancellation  
Eats TEDI - Canteen Management Tablet App github.com/rezaluthfi/eats-tedi  
• Developed Kotlin native tablet app with menu management, sales reports, attendance tracking, and cashier scheduling  
• Built order management system with RESTful API integration for real-time synchronization

## Achievements

Top 50 — Asia-Pacific Google Solution Challenge 2025 Jun 2025  
Best Frontend Hacker (Individual) — Google Developer Groups on Campus UGM May 2025  
Best UI/UX Design (Team) — Google Developer Groups on Campus UGM May 2025  
1st Place UI/UX Design — Digation Fest, PPI Dunia Jun 2024

## Certifications

Belajar Dasar AI — Dicoding Indonesia Nov 2025  
HCIA-AI V3.5 — Huawei Jun 2025  
Database Programming with SQL — Oracle Jul 2024