

# LA ODE MUH. IKHSAN MBALA

Bandung, West Java, Indonesia | +62 81242310477 | [Email](#) | [LinkedIn](#)

## PROFESSIONAL SUMMARY

Informatics Engineering student specializing in Software Engineering, with a strong focus on high-performance Mobile App Development. Possesses proven expertise in building cross-platform mobile applications using Flutter, managing the entire lifecycle up to official release on the Google Play Store. Additionally, equipped with a solid foundation in backend ecosystems (PHP/Laravel) and REST API integration to support robust and scalable system architectures.

## EDUCATION

### Pasundan University

Bachelor of Informatics Engineering | **September 2023 - Present**

- Awarded "The Best Project" (as Team Tambora) at the GDGOC UNPAS Creation Box event for successfully designing and developing a Java-based desktop application for logistics management and inventory tracking.

## SKILLS AND PROFICIENCIES

- **Programming:** Dart, PHP, JavaScript, Java, TypeScript
- **Frameworks & Libraries:** Flutter, Laravel (Blade), Tailwind CSS, Next.js, React
- **Databases & Backend Services:** MySQL, PostgreSQL, Supabase (Backend-as-a-Service)
- **Software Concepts & Architecture:** Object-Oriented Programming (OOP), MVC Architecture, Mobile App Development, Full-Stack Development, Responsive Web Design
- **Tools & Collaboration:** Git, GitHub, Visual Studio Code, Android Studio, Laravel Herd, Aseprite, Inkscape

## ACADEMIC & ORGANIZATIONAL EXPERIENCE

### Informatics Engineering Computer Laboratory UNPAS

Academic Project Developer (Practicum) | **September 2024 - June 2025**

- Developed and designed the architecture for 3 main software systems during the practicum period (E-Commerce Web App, Java-based Logistics Desktop App, and Multimedia Educational Game).
- Implemented clean code practices, relational database design, FIFO algorithm logic, and version control management (Git), resulting in two "The Best Project" awards at the Creation Box event by Google Developer Groups On Campus (GDGOC) UNPAS (in Programming Practicum I and Multimedia courses).

### HMTIF UNPAS Class of 2023 Thanksgiving Event (Class Celebration)

Public Relations Staff | **January 2024 - February 2024**

- Collaborated within a team to design event publication communication strategies, draft narrative publications, and conduct persuasive outreach, successfully achieving 100% of the target participant attendance on the day of the event.

## PROJECTS

### Spendly - Financial Management & Tracking App | Available on Google Play Store

Tech Stack: Flutter (Dart), Supabase (Database, Auth), State Management

- Designed, built, and published a personal finance management application officially available on the Google Play Store.
- Integrated Supabase backend for secure user authentication and real-time transaction data synchronization.
- Managed the entire software release cycle, from frontend architecture to publication management on the Google Play Console.

### "OutVenture" E-Commerce & Rental Platform | December 2025

Tech Stack: PHP, Laravel (Blade), Tailwind CSS, SQLite, MVC Architecture

- Developed an end-to-end (Full-Stack) outdoor equipment rental e-commerce web platform using Laravel's MVC architecture.
- Designed relational database schemas and built CRUD features for catalog management, transactions, and user authentication.
- Implemented responsive user interfaces using Laravel Blade and Tailwind CSS.

### Logistics & Inventory Management System (Desktop App) | May 2025

Tech Stack: Java, Object-Oriented Programming (OOP), MySQL, FIFO Algorithm

- Designed and developed a desktop application for real-time tracking of incoming and outgoing inventory using Java.
- Implemented FIFO algorithm logic on stock circulation to ensure data accuracy and prevent logistics bottlenecks.
- Won "The Best Project" award (as Team Tambora) at the Creation Box event hosted by Google Developer Groups On Campus (GDGOC) UNPAS for outstanding system architecture and application functionality.

## ADDITIONAL INFORMATION

- **Languages:** Indonesian (Native)
- **Career Interests:** Open for internship opportunities as a Mobile Developer, Software Engineer, or Full-Stack Developer.
- **Links & Contacts:** [GitHub](#), [Google Play Store](#), [LinkedIn](#)