

# Muhammad Delfa Tamerawan

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#### **Education**

SMK-IT As-Syifa Boarding School, Subang

2024 - 2027

Software Engineering

SMP-IT As-Syifa Boarding School, Subang

2021-2024

## **Projects**

#### FastReq - Employee Item Request System

- Built with Laravel and MySQL to manage employee item requests.
- Implemented role-based authentication for Employees and Managers.
- Employees can submit item requests; managers approve or reject in real-time.
- Dashboard for tracking the status of requests dynamically.
- Designed to streamline internal procurement workflow.

#### SyifaPKL – Internship Management System (Partner Project, Backend Developer)

- Developed with Laravel to manage internship activities for students, teachers, and administrators.
- Multi-role system with authentication for Students, Teachers, and Admins.
- Students: manage internship placements and daily activity logs.
- Teachers: monitor student placements and daily activities.
- Admin: manage accounts, update placement status, and validate official internship documents.
- Ensured structured workflow and centralized PKL data management.

#### **Health Apps – Mobile Health Information Application**

- Built with Flutter and Firebase Authentication.
- Integrated REST APIs to display hospital data, doctors, COVID-19 statistics, and health articles.
- Implemented user profile editing with name and photo updates.
- Focused on providing accessible health-related information in a mobile-first experience.

### **Electronic Store – E-Commerce Mobile Application**

- Developed with Flutter and Firebase as backend services.
- User authentication with login and registration system.
- Product listing with cart functionality (add, update quantity, remove items).
- · Checkout process with purchase history tracking.
- Automated receipt generation for grouped purchased products.
- Designed to simulate a complete e-commerce workflow.

# Vlab Software House – Project Showcase Platform (Group Project, Backend Developer)

- Backend system developed with Laravel for managing student projects.
- Admin authentication with CRUD operations for projects.
- Projects displayed on a public landing page for visitors.
- · Personally responsible for backend logic and database integration.

## **Skills**

- Leadership Skills
- Discipline Management
- Financial Responsibility
- Team Coordination
- · Problem Solving