



Muhammad Delfa Tamerawan

Jakarta Timur, DKI Jakarta | degatamerawan@gmail.com

+62811-1443-260 | [Linkedin](#) | [Github](#) | [Portfolio](#)

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.

KasirKu Bengkel – Key Features

- Cashier system for processing service and spare-part payments
- Item and service input with easy management
- Spare-part stock tracking and automatic updates
- Customer data management
- Engineer/technician management
- Transaction history with detailed records
- Daily report generation
- Export data to Excel
- All data is automatically saved and easily accessible

Organizational Experience

Batch Leader (2024 – Present)

- Lead class activities and coordinate between students
- Organize internal events for the cohort
- Act as liaison between students and school administration

Student Council – Discipline Division (2024)

- Assisted in enforcing school regulations and maintaining order
- Monitored student attendance and discipline
- Served as committee member for school events related to discipline
- Appointed as Chief Committee for national holiday commemorations (PHBN)

Student Council – Treasurer (2025)

- **Managed OSIS finances and prepared financial reports**
- **Developed budgets for school activities and programs**
- **Ensured transparency and accountability in fund allocation**

Head of Pioneering Division (2023 – 2024)

- **Planned and led pioneering/outbound activities**
- **Organized and supervised the division team during training and field events**
- **Prepared activity reports and documentation**

Competitions & Events

- **Scout Competition – Nurul Fikri Lembang / Tunas Al Quds**
Achieved 3rd Place Overall in scouting and pioneering activities.
- **ISAC UI/UX Competition – Airlangga University (UNAIR)**
Participated in national-level UI/UX design competition, showcasing creative design solutions.
- **Photography Contest – Albacadabra Al-Bayyan**
Competed in school-level photography event, presenting original creative works.
- **Poster Design Competition – PT United Tractors**
Designed and submitted posters on corporate theme, focusing on creativity and visual communication.
- **Poster Design Competition – Surabaya University (UBAYA)**
Participated in academic poster competition, applying design thinking and communication skills.

Technical Skills

- **Leadership Skills**
- **Discipline Management**
- **Financial Responsibility**
- **Team Coordination**
- **Problem Solving**
- **Web Development (Laravel, Alpine.js, TailwindCSS)**
- **Mobile Development (Flutter, Firebase)**
- **Database Management (MySQL, Firebase)**
- **API Integration (REST APIs)**
- **UI/UX Design (Figma, Wireframing, Prototyping)**
- **Version Control (Git, GitHub)**
- **Project Management & Collaboration**

Programming Languages & Tools

- **PHP, Dart, JavaScript, SQL**
- **Laravel, Flutter**
- **TailwindCSS, Alpine.js**
- **MySQL, Firebase**
- **Figma, FigJam**

Languages

- **Indonesian – Native**
- **English – Intermediate (reading, writing, speaking)**