

MUHAR FERDIANSYAH

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SUMMARY

Fullstack Developer and Informatics Engineering undergraduate with extensive experience building business, financial, and administrative applications using **Laravel**, **Next.js / React**, and **Node.js**. Proven track record in requirement analysis, relational database modeling (PostgreSQL, MySQL), scalable RESTful API engineering, and Role-Based Access Control (RBAC). Dedicated to engineering end-to-end solutions that automate complex workflows and deliver measurable business efficiency.

TECHNICAL SKILLS

Languages: PHP, JavaScript, TypeScript, Dart, Java, SQL, Python	Databases: PostgreSQL, MySQL, MongoDB, Prisma ORM
Frontend: React.js, Next.js, Inertia.js, Tailwind CSS, Bootstrap	Architecture: System Design, Database Normalization, REST APIs, RBAC
Backend & Mobile: Laravel, Node.js, Express.js, Flutter	Tools & Spoken: Git, GitHub, Postman, Docker Indonesian (Native), English

PROJECTS

ERP Purchasing & Inventory System | Fullstack Developer [Repository / Demo](#)

Tech Stack: Next.js, TypeScript, Node.js, PostgreSQL, Prisma ORM, Tailwind CSS

- Architected an end-to-end ERP platform managing multi-tier procurement, supplier catalogs, automated stock deductions, and hierarchical approval workflows.
- Designed normalized PostgreSQL database schemas with Prisma ORM across 10+ models, ensuring referential integrity and optimized query performance.
- Implemented secure RESTful APIs with JWT authentication and granular Role-Based Access Control (RBAC) to support multi-department operations.
- Built high-performance responsive dashboards with Next.js and TypeScript, streamlining procurement lead times.

EcoBank026 – Waste Bank & Community Financial System | Fullstack Developer [ecobank26-custom](#)

Tech Stack: Laravel, PHP, MySQL, Tailwind CSS, REST API

- Engineered a web-based community financial and waste bank management platform for RT/RW neighborhoods serving 100+ households.
- Built modules for automated citizen billing, community cash management, recyclable waste valuation, and exportable financial reports (PDF/Excel).
- Designed a responsive administrative portal with Tailwind CSS, accelerating routine data entry, billing tracking, and transaction recording.

School Management & Online Registration System | Fullstack Developer [Repository / Demo](#)

Tech Stack: Laravel, PHP, Inertia.js, MySQL, Tailwind CSS, WordPress CMS, PWA

- Developed an integrated school portal handling online student registration (PPDB), tuition payment tracking, and academic record management.
- Implemented a Progressive Web App (PWA) with Laravel and Inertia.js, combining SPA fluidity with offline-ready and installable mobile capabilities.
- Integrated headless WordPress CMS to enable non-technical administrative staff to publish school announcements and news effortlessly.

WORK EXPERIENCE

KJPP Ruky Safrudin dan Rekan — Administration Staff June 2025 – Present | Tangerang Selatan

- Managed and validated property valuation records and asset documentation, maintaining 99%+ accuracy across client appraisal reporting pipelines.
- Standardized digital documentation workflows and coordinated reporting data between appraisers to accelerate daily operational turnaround.

EDUCATION

Universitas Pamulang — Bachelor of Informatics Engineering 2023 – Expected 2027 | Tangerang Selatan

- Core Coursework: Software Engineering, Database Systems, Web & Mobile Application Development, Algorithms & Data Structures.