

FARHAN NOVALDI

Full-Stack Developer · Laravel, Next.js, Flutter

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Medan, Indonesia (UTC+7)

Full-Stack Developer with ~2 years of experience building a hospital information system, integrated with Indonesia's national health insurance (BPJS), used by six hospitals. I ship end to end: REST APIs (Laravel), web (Next.js), and mobile (Flutter), through to deployment on my own servers.

Experience

PT NUSA TIRTA TEKNOLOGI - Medan (hybrid) Dec 2024 – present
Programmer

Hospital information system and Medisafe clinic app provider. Remote while finishing my degree, hybrid since Sep 2025.

- Built the hospital system's Accounting module with the team: general ledger, profit and loss, balance sheet, doctor and nurse fees, and claim reports.
- Designed the Receivables and BPJS/Insurance Claim Realization module to improve the accuracy of hospital billing.
- Integrated the Cashier with the general journal, including package billing and automatic journal voids when payments change.
- Unified procedure, room, lab/radiology, and package tariffs with doctor and nurse fees into one centralized system.
- Developed Pharmacy & Logistics and clinical modules (Nutrition, Medical Summary Revision, nursing assessment) at 4 partner hospitals; 800+ commits in a team of 5.

RSU MITRA SEJATI MEDAN - Medan Jul – Sep 2024
Programmer Intern

Hospital IT team, hospital system for the medical, pharmacy, and cashier units.

- Built the medical record's initial assessment (lab, radiology, compounded prescriptions) and an Inventory module with automatic codes.
- Improved module performance by up to 25% by refactoring JavaScript, AJAX, and server-side DataTables.

Education & Publication

Universitas Negeri Padang - Padang, Indonesia 2021 – 2025
Bachelor of Informatics · GPA 3.59 / 4.00

- Publication (first author):** Anomaly detection in hospital pharmacy requests with Isolation Forest, 2M+ transactions. *Jurnal Pendidikan Tambusai* 9(2), 2025.
- Certifications:** MTCNA (MikroTik) · Database Foundation (Digital Talent Scholarship) · Python Fundamentals (Dicoding).
- Activities:** Bank Indonesia Scholarship recipient (GenBI UNP) and member of Infinite Technology UNP, 2023 – 2025.

Selected Projects

SPOBDA - Talented athlete development platform, North Sumatra Provincial Sports Office 2026
Laravel 12 · Next.js 16 · Flutter · GitHub Actions

- Wrote all the code for three apps (API, web app, and mobile app for coaches, athletes, and staff) from spec to deployment; ±73% of commits in a team of 2.
- Geofenced selfie attendance that rejects fake GPS, age-based athlete scoring, data encryption, and an audit trail, with automated tests and CI on GitHub Actions.

nobarber - Barbershop booking SaaS, live at nobarber.nodev.digital 2026
Laravel 13 · Next.js 16 · TypeScript · PWA

- Built and deployed solo: multi-tenant, double-booking prevention with row locks, a real-time cashier queue, Web Push notifications, and a subscription admin panel.

ICE / ZAD Apps - Food delivery ecosystem with 4 user roles 2026
Laravel 11 · Next.js · Flutter · Reverb

- Top contributor (±56% of commits) in a team of 5: API, web suite (merchant, driver PWA, admin), and mobile app, with real-time orders and chat over WebSocket.

Laravel 11 · Next.js · TypeScript

- Turned the ICE platform into its own product: QR table self-ordering, raw material stock, sales trend analysis; closed a security hole in OTP registration.
- **More projects:** MediPharm (pharmacy system, per-batch stock, narcotics log) · Kiosk Queue System for Serdang Bedagai Regency (solo, thermal tickets, voice display) · Polonia Immigration CMS · Belawan Immigration Queue System (±43% of commits).

Skills

- **Backend:** PHP, Laravel (Sanctum, Reverb, Queues), REST APIs, MySQL, Swagger/OpenAPI
- **Frontend:** TypeScript, JavaScript, React, Next.js, Tailwind CSS, TanStack Query, jQuery/AJAX
- **Mobile:** Flutter, Dart, Dio, maps & geolocation
- **Tools & Deploy:** Git, GitHub Actions (CI/CD), Linux VPS, Apache, pm2