

DARRIEL MARKERIZAL

Yogyakarta, IDN | +62 85155222564 | darrielmarkerizal@gmail.com | [linkedin.com/in/markerizal](https://www.linkedin.com/in/markerizal) | darriel.site

SUMMARY

Full-Stack Software Engineer with 2 years of production experience across publishing, finance, learning platforms, and omnichannel commerce. I currently work as a Jr. Frontend Developer at Suitmedia; my broader project experience spans React/Next.js/Vue interfaces and Laravel/Node.js services. At detikcom, I helped cut processing time for 10,000+ monthly articles from 5 days to 15 hours; at Cilupbah, I develop features for a WMS integrated with Shopee, TikTok Shop, Lazada, and WooCommerce.

EDUCATION

Universitas Gadjah Mada - Yogyakarta, Indonesia

2022-2026

S.Tr.Kom | Software Engineering

Final GPA: 3.79 / 4.00

Thesis: built a Laravel 11 e-learning backend; benchmarked Octane/Swoole against PHP-FPM at 500 concurrent users.

Alongside my studies, I held leadership roles as Head of Media & Creative at the Association of Software Engineering Technology Students (ASSETS UGM) and Head of UX for GAMA within Komunitas Mahasiswa TIK (Komatik UGM), and completed UGM's Community Service Program (KKN) in the Selayar Islands.

WORK EXPERIENCE

PT. Suitmedia Kreasi Indonesia - Remote

2025-2026

Jr. Frontend Developer

- Shipped 10+ production features over 3 months, integrating them into monthly release cycles across multiple product areas.
- Reduced UI bug count by 30% by restructuring components and standardizing code patterns.
- Shortened delivery time from design handoff to implementation by 25% by building a tighter review loop with designers, analysts and backend engineers

PT. Global Data Inspirasi - Remote

2025-2026

Full-Stack Developer

- Built a 4-level government approval workflow (Analisis → Koordinator → Supervisor → Konsorsium) with role-based data isolation across 6 financial sub-modules, using Laravel and PostgreSQL
- Built complex financial reports using 34 multi-table joins across 6 financial sub-modules.
- Delivered Excel and PDF exports for pro-rated premium calculations.

Tools: Laravel, PostgreSQL, Git

PT. Trans Digital Media (detikcom) - Jakarta

2024

Full-Stack Developer

- Cut content processing time for 10,000+ monthly articles from 5 days to 15 hours across 9 regional branches and 150+ contributors.
- Reduced frontend download time from 352ms to 227ms with Next.js 14; component re-render optimizations with useCallback and useMemo later brought it to 211ms.
- Cut backend bulk upload time from 27.2s to 12.5s for 92 records (53.8%) by tuning batch sizes, adding parallel processing, and restructuring database transactions in Laravel 8

Tools: TypeScript, Next.js, React.js, Laravel, MySQL, Git

PROJECT HIGHLIGHT

Cilupbah Super App - [LINK](#)

Full-Stack Developer: Frontend and Backend

- Built frontend and backend workflows for an omnichannel warehouse management system (WMS) integrated with Shopee, TikTok Shop, Lazada, and WooCommerce; it recorded 118,859 orders across 20 daily snapshots (5,943/day average; 7,332 peak).
- Implemented queued Laravel refresh for Shopee, TikTok Shop, and Lazada webhook orders using 150 ms batch windows and a 50-order cap, with unique jobs and single-order fallback.
- Built a Laravel stock-cutover validation/reporting flow; 17,540 SKU/location rows passed validation across two warehouse uploads.

Tools: Next.js 16, React 19, TypeScript, Laravel 12, PHP 8.2+, PostgreSQL, Redis, Docker, k3s

Datascrip Mall Seller Portal - [LINK](#)

Frontend Developer

- Implemented seller workflows across 5 marketplace channels (Shopee, Lazada, Blibli, Akulaku, and TikTok Shop/Tokopedia), covering store binding, SKU mapping, listing sync, and channel-aware pricing, inventory, and order handling.
- Contributed to a Nuxt 3/Vue 3 seller portal spanning 16 operational areas and 103 page templates.
- Added export confirmations to 3 reporting views and withdrawal validation for 2 prerequisite groups: bank details and legal documents.

One SDH - [LINK](#)

Frontend Developer

- Built frontend features for a bilingual school LMS, with workflows for teachers, school leaders, head-office staff, and content teams.
- Contributed to a Nuxt 3/Vue 3 codebase with 56 Vue page files across 20 route folders.
- Implemented 4 role-specific analytics views, a 3-page ELC flow with enrollment, search, filters, and pagination, and a 3-stage Video Log workflow.

Tools: Nuxt 3, Vue 3, TypeScript, Git

DigiPangan Merauke - [LINK](#)

Full-Stack Developer | UGM's Tim Ekspedisi Patriot (TEP), Ministry of Transmigration of the Republic of Indonesia

- Built a public catalog for 3 regions (Muting, Ulilin, and Elikobel), with 427 active products listed on digipangan.id.
- Implemented self-service profile and product management for 51 active farmer profiles, role- and region-scoped admin workflows, and Vue/Quill article-media fixes.
- Recorded 503 deduplicated product-view events and 107 WhatsApp CTA-click events (21.27 clicks per 100 view events).

Tools: PHP 8.3, Laravel 13, Vue 3, TypeScript, Inertia.js, Vite, Tailwind CSS

LEVL: E-Learning Backend for LSP Certification - [Frontend](#) - [Backend](#)

Full-Stack Developer: Backend and Admin Dashboard

- Built a high-concurrency backend for an LSP certification e-learning platform in Laravel 11, Laravel Octane (Swoole), and PostgreSQL, covering 15+ modules with 100% pass rate across 36 API test cases
- Octane delivered 89–154% more requests per second than PHP-FPM, which failed in every test iteration.
- Built admin dashboard in Next.js 16 (SSR), validated via UAT with 6 administrator respondents at 87.38% acceptability score

Tools: Laravel 11, Laravel Octane, Swoole, PostgreSQL 14.22, Next.js 16, DigitalOcean, ApacheBench, Postman, Git

Laiyolo Baru Village Website - [LINK](#)

Full-Stack Developer

- Built and deployed laiyolobaru.com in Next.js and Supabase within 50 days during KKN, with a CMS covering village news, tourism, local businesses, and gallery
- Integrated an ML-powered stunting detection feature, accepting child measurement inputs and calculating nutritional status against growth standards
- Active at Posyandu Desa Laiyolo Baru since August 2025, with 20 children's health records in the system

Tools: Next.js, TypeScript, Supabase, Git

HONOR & ACHIEVEMENT

- **Two-time Liga Komatik winner; 2024 Research & Software Development winner** for GEMATI, an intelligent system for agricultural food security.

ADDITIONAL

GitHub : <https://github.com/darrielmarkerizal>

Technical:

- **Frontend:** Next.js, React, Vue, Nuxt, TypeScript, JavaScript, HTML, CSS
- **Backend & APIs:** Laravel, PHP, Node.js, Express.js, REST APIs
- **Data & infrastructure:** PostgreSQL, MySQL, Redis, Docker, k3s, Git, Postman