

Rafi Maryudwika Putra

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SUMMARY

Full Stack Developer with 3+ years of experience aligning software architecture with core business objectives. Leveraging an Information Systems background, adept at analyzing business processes and translating complex requirements into scalable, high-performance web applications built for commercial and organizational needs. Proficient in modern JavaScript ecosystems (Node.js, Astro, Next.js), PHP (Laravel, CodeIgniter), and database engineering to drive measurable business outcomes.

PROFESSIONAL EXPERIENCE

Savin Solution — West Jakarta, Indonesia

Frontend Developer (April 2024 – June 2026)

- Developed and maintained high-performance client websites utilizing Laravel, CodeIgniter, Django, and Next.js.
- Translated complex Figma UI/UX designs into responsive, pixel-perfect web interfaces using Tailwind CSS.
- Optimized website performance and Core Web Vitals based on PageSpeed Insights, reducing page load times by 90%.
- Conducted comprehensive SEO analysis via Ahrefs and structured MySQL databases for optimal data retrieval.
- Architected cloud asset management strategies utilizing Alibaba Cloud OSS to secure scalable storage and reduce bandwidth overhead.

Pintu Cokelat Studio — Padang, Indonesia

Freelance Web Dev (Feb – July 2023)

- Engineered the core product and portfolio website leveraging Astro and SolidJS to deliver near-instant loading times.
- Gathered technical user requirements and configured fundamental SEO architecture to enhance initial search visibility.
- Managed end-to-end hosting setup and domain deployment to ensure 99.9% uptime.

Duta Lintas Cakrawala — Padang, Indonesia

Full Stack Web Developer (Dec 2022 – Feb 2023)

- Built a Car Sales Management System for 777 Motor (Bogor) using Laravel 9 and Vue.js, implementing the Service-Repository pattern for clean backend architecture.
- Developed front-end modules as a Progressive Web App (PWA) to enable offline capabilities and a native app-like experience.
- Served as a System Analyst to map technical specifications and business workflows for Aciak Mart's Store Management Software.

TECHNICAL PROJECTS

BUNGKUS, Film Production Vertical OS & CRP Platform (October 2026 – Present)

Stack: Goravel (Go), PostgreSQL, Vue 3, Pinia.

Multi-tenant platform with an immutable PDF/XLSX document engine and role-based privacy gating, backed by OpenAPI v3 REST APIs and 80+ integration tests.

GAPEKA Simulator, Personal Project, MIT (August 2026 – present)

Stack: Python, FastAPI, SQLAlchemy 2, MariaDB, Plotly.

Open-source simulator for West Sumatra single-track railway, checking train schedules against PM 110/2017 and PM 62/2013 across 32 real trains on 7 segments. The engine is kept independent of the web framework and database, and is covered by 140 automated tests.

Nagari Direct Website (April 2026 – Present)

Stack: Astro, Directus CMS, PostgreSQL, Cloudflare (R2, Image Transformation).

Export catalog platform for international buyers, built end to end with custom caching, image delivery, and Resend-based contact workflow.

Komune Film Website (March 2026 – Present)

Stack: Astro, Cloudflare D1 (SQLite), R2, Resend.

Media-rich portfolio platform for the community's films, with edge data persistence and global media delivery through Cloudflare.

Personal Portfolio Website (rafimp.id) (March 202 – Present)

Stack: Astro, Resend, Cloudflare D1 (SQLite).

Personal portfolio and journal platform with a serverless contact pipeline that sends notifications through Resend and logs messages to D1.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, PHP, Go, Python, Dart, HTML, CSS
- **Frameworks & Libraries:** Laravel, Vue.js, React, Astro, SolidJS, Next.js, Node.js, Express.js, Hono, Flutter, CodeIgniter, Django
- **Tools & Databases:** MySQL/MariaDB, PostgreSQL, MongoDB, Cloudflare D1 (SQLite), Cloudflare R2, Directus CMS, Resend, Docker, Git, GitHub Actions, Prisma ORM, Alibaba OSS, Cloudflare, Google Apps Script
- **Methodologies:** System Analysis, Search Engine Optimization (SEO), Progressive Web Apps (PWA), CI/CD, Object-Oriented Programming (OOP), Cloud Infrastructure & Caching

EDUCATION

Universitas Andalas — Padang, Indonesia

Bachelor of Computer Science in Information Systems (Graduated 2023)

ORGANIZATIONS & INTERPERSONAL INTERESTS

UKM Andalas Sinematografi Universitas Andalas — Production Division & Infokom Staff (2017 – 2019)

Managed production and post-production workflows for student film releases including FFMI 2019 entry "Siklus", while concurrently administering the organization's official website and providing IT support.

Komunitas Pecinta Kereta API Divre 2 Sumatera Barat (KPKD2SB) — Member (2019 – Present)

Collaborated with PT KAI Divre 2 Padang and Balai Teknik Perkeretaapian to advocate for rail safety awareness and elevated infrastructure transit discussions.

Komune Film — Active Member (October 2025 – Present)

Served as DOP, Colorist, and Mastering Engineer across independent releases including "100 Afternoons" and "Tiang Terakhir" (Best Short Film Story Idea - Western Region at ACFFEST 2026), while architecting the community's official web infrastructure.