# Arif Wahyu Prasetyo

Software Engineer

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## SUMMARY

Software Engineer with 3+ years of experience building SaaS applications, booking platforms, and payment workflows. Specializes in React, Tanstack Start, Next.js and TypeScript, with full-stack experience in Laravel, Node.js, Express.js, REST APIs, PostgreSQL, and MySQL. Work includes migrating a ticketing frontend, building a multi-tenant booking platform, and implementing subscriptions and role-based access controls.

## SKILLS

**Front End** — HTML5, CSS3, JavaScript, TypeScript, React.js, TanStack Start, Next.js, Vite, Tailwind CSS, Material UI, TanStack Query, Zustand
**Back End** — Laravel, Go, Node.js, Express.js, Supabase, Firebase, REST API Design, Xendit Payment Integration
**Database** — PostgreSQL, MySQL
**Version Control & Deployment** — Git, GitHub, Cloud Deployment, Azure
**Development Practices & Tools** — Agile/Scrum, Code Review, Performance Optimization, AI-Assisted Development
**System Design** — Server/Client-Side Rendering, Caching Strategy, Asynchronous Job Processing, Real-Time Data Delivery, API Contract Design, Modular Service Architecture

## PROFESSIONAL EXPERIENCE

**Alpha Red Solutions — Software Engineer** Apr 2026 – Present
*Software agency — AI & client platform engineering* Selangor, Malaysia (Remote)
- Migrated a Vue.js ticketing frontend to React and TanStack Start, implementing a 5-stage booking journey with availability, reservation, and payment API integrations.
- Optimized API requests across pages by deduplicating session checks and eliminating redundant order-detail calls, reducing order-history requests by 30%.
- Built configurable employee-profile requirements, giving administrators control over required-field rules for 79 fields and applying those settings across 3 profile-management forms.
- Developed employee claims, profile approvals, and task-reporting features, connecting workforce-management interfaces to backend APIs.

**Legal Plus — Full Stack Engineer** Jan 2026 – Apr 2026
*Legal technology — Practice management software* Bandung, Indonesia
- Implemented 4 subscription payment flows covering package renewals, upgrades, additional storage, and additional user accounts.
- Implemented role-based permissions across 60+ pages and panels, controlling access to create, read, update, and delete actions.
- Built 15+ SaaS pages and components, connecting backend APIs, subscription payments, and permission controls to user-facing workflows.

**Playfields — Full Stack Engineer** Mar 2025 – Jan 2026
*Sports technology — Venue booking and management software* Sleman, Indonesia (Remote)
- Architected and built multi-tenant SaaS platform from scratch, integrating real-time reservations, automated payments, and operational reporting.
- Integrated Xendit payment gateway with end-to-end transaction handling covering payment capture, automated reminders, and reconciliation, reducing manual payment tracking by 90% and enabling the platform to go live without a dedicated finance workflow.
- Developed a responsive Tailwind CSS dashboard that integrates venue analytics, revenue reports, booking workflows, and customer insights, improving clarity and decision making for operational teams.
- Collaborated with cross-functional teams in agile environment, consistently delivering sprint commitments with on time delivery.

**Business Watch Indonesia — Full Stack Developer** Jun 2023 – Mar 2025
*Nonprofit — Agriculture & community development* Boyolali, Indonesia
- Maintained and enhanced a Kotlin Android application through performance and UI/UX improvements, supporting an app with 15,000+ Google Play downloads.
- Built a freemium subscription model with candidate filtering and recruiter analytics, establishing the platform's primary recurring revenue stream.
- Automated targeted newsletter campaigns through Mailchimp, increasing weekly active users by 28% and improving user retention by 35%.
- Managed requirements, architecture, development, QA, and post launch iteration without a dedicated product manager or technical lead, delivering and maintaining 2 platforms.

## EDUCATION

**Amikom University Yogyakarta** Jan 2019 – Jul 2023
*Bachelor of Science in Informatics* Sleman, Indonesia
GPA 3.78/4.00