

REYNALD SILVA

Full Stack Engineer

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Translating intricate business requirements into robust, high-performing code. I build resilient systems and lead technical workflows with a systematic approach focused on efficiency and impact.

EXPERIENCE

Self Employeed Fullstack Developer

Jan 2023 - Sekarang

RosantiBike Motorent

- I led the digitalization of service operations by building a comprehensive online booking system that manages everything from fleet inventory to automated scheduling. Through a user-centered redesign, I streamlined the reservation process, boosting operational efficiency by 60%. The platform includes a robust admin control panel and dynamic content tools for agents to manage promotions and units. To ensure seamless transactions, I integrated QRIS payments, and implemented a WhatsApp Bot for automated confirmations and real-time customer notifications.

Intern Web Developer

Jul 2025 - Desember 2025

PT Multi Spunindo Jaya

- In this project, I developed a comprehensive cooperative submission system built on the Laravel 12 framework. The system implements a strictly governed multi-stage approval process and a robust permission hierarchy tailored to organizational roles. Beyond the core application logic, I focused on data integrity by designing a normalized MySQL database schema. A key highlight of my contribution was the creation of custom Laravel CLI tools for automated scaffolding; this self-initiated tool optimized the team's development cycle by automating repetitive tasks and reducing technical debt caused by manual input errors.

Intern ERP Software Engineer

Jun 2021 - Sep 2021

PT. Cendana Teknika Utama

- Developed custom Odoo-based ERP modules for Hospital Information Systems and Library Management Systems, streamlining complex administrative workflows and ensuring data synchronization across departments.

PROJECTS

DSS-AROMAN

- An open-source NPM package implementing the AROMAN algorithm for dual-goal decision optimization. Engineered a robust JavaScript/TypeScript library for ranking alternatives by balancing conflicting criteria through precise normalization and high-performance MCDM logic.

DSS-MEREC

- An open-source NPM package implementing the MEREC algorithm for objective MCDM weighting. Engineered a modular JavaScript/TypeScript library that calculates criteria weights through removal effects, enabling developers to integrate high-accuracy decision logic into complex applications

oopedia

- oopedia v2

landing-rosantibikemotorent

- Built an end-to-end booking system using NestJS and Svelte, achieving a 60% boost in operational efficiency. Integrated WebSockets for real-time scheduling, QRIS for digital payments, and a WhatsApp Bot for automated notifications. Designed for high-speed performance, managing everything from fleet inventory to live booking validation.

admin-rosantibikemotorent

- Built an end-to-end booking system using NestJS and Svelte, achieving a 60% boost in operational efficiency. Integrated WebSockets for real-time scheduling, QRIS for digital payments, and a WhatsApp Bot for automated notifications. Designed for high-speed performance, managing everything from fleet inventory to live booking validation.

Odoo14-Hospital

- Developed custom Odoo ERP modules for Hospital and Library Management Systems. Focused on streamlining administrative workflows, automating resource tracking, and ensuring seamless data integration across departments.

Odoo14-Rapot

- Custom Odoo ERP modules for Hospital and Library Management Systems. Focused on streamlining administrative workflows, automating resource tracking, and ensuring seamless data integration across departments.

Odoo14-Perpustakaan

- Developed custom Odoo ERP modules for Hospital and Library Management Systems. Focused on streamlining administrative workflows, automating resource tracking, and ensuring seamless data integration across departments.

pesanan-kelapamuda-sulfat

- A lightweight SvelteKit & SQLite web app with Concurrent Fetch for instant order tracking. Streamlined SME operations with a mobile-first, cost-effective digital queue solution

msjframework

- A custom Laravel Console package to automate internal standardization at PT Multi Spunindo Jaya Tbk. Built a suite of CLI tools to automate module scaffolding, ensuring architectural consistency and accelerating the development workflow by reducing manual boilerplate and human error.

PBL-rekomendasi-skincare

- Developed a Flutter mobile app integrated with YOLOv8 for real-time acne detection. Built a FastAPI backend for model inference and implemented a personalized skincare recommendation engine.

SIKEP

- Ini merupakan sebuah sistem informasi yang dibuat dengan tujuan melakukan digitalisasi pencatatan data Kependudukan warga pada tingkat RW.

PBL-FastAPI-MachineLearning

- Developed a Flutter mobile app integrated with YOLOv8 for real-time acne detection. Built a FastAPI backend for

model inference and implemented a personalized skincare recommendation engine.

skinzy-admin

- admin untuk aplikasi skinzy

PBL-SportCentre-NextJS

- Full-stack reservation system built with Next.js and Express.js. Features RESTful APIs for user management and WebSockets for live availability updates, ensuring a stable, high-performance, and responsive booking experience

PBL-SportCentre

- Full-stack reservation system built with Next.js and Express.js. Features RESTful APIs for user management and WebSockets for live availability updates, ensuring a stable, high-performance, and responsive booking experience

rosantibike_mobile

- A Flutter-based mobile admin ecosystem that increased operational efficiency by 60%. The system automates the end-to-end booking cycle—from unit management to QRIS payment verification and WhatsApp Bot notifications—providing full operational control in a high-performance mobile suite.

SKILLS

Framework: Svelte, Laravel, Next JS, Nest JS, Flutter, JQuery, Express JS, FastAPI

Frontend: Svelte, Next JS, Blade

Deep Learning: YoLo

Language: Javascript, Python, PHP, TypeScript, Dart

Backend: Nest JS, Express JS, FastAPI

DevOps: VPS Hosting

Database: MySQL, PostgreSQL, Drizzle ORM

CERTIFICATES

- Praktis Belajar Docker dan Kubernetes untuk Pemula - Udemy
- Web Design Course with HTML CSS and Wordpress - Udemy
- Database Practitioner - DBAcademy
- Database Developer - DBAcademy