

Bio Lumbantoruan

SOLUTIONS ARCHITECT

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PROFESSIONAL SUMMARY

Solutions architect with 11 years in fintech delivery and platform engineering, working where failure is expensive: payment integrations under strict security and audit discipline, ERP implementations end to end, and AI systems in production. I work from discovery to delivery: translating business requirements into solution designs, integration contracts, and explicit trade-offs, choosing boring technology where it protects the business, and keeping the rationale in writing. Still hands-on: React, Next.js, Astro, Node, Python, SQL, Docker, CI/CD. A good solution is measured by one thing: how cheaply the team can change it.

EXPERIENCE

Founder & Solutions Architect

Jan 2026 - Present

Srabutan.com

- Architected AI-powered matching system for freelance marketplace
- Designed scalable microservices: portfolio management, real-time collaboration, secure payments
- Led full-stack development with GitHub Actions, Docker, Railway

Tech: React • Vue • JavaScript • Tailwind • Docker • Python • Railway

Senior Technology and Trading Operations Manager

Jan 2014 - Dec 2025

CITT Services

- Ran technical discovery and solution design for six international brokerage platforms, producing proposals, architecture diagrams, and RFP responses
- Defined integration designs across PSPs, KYC providers (Sumsub), payment rails, and trading platforms (MT4/MT5, oneZero)
- Delivered consulting for Pepperstone, TitanFX, BaxiaMarkets, Funded Prop BX, Traderscolo, Liquidity Connect
- Served TitanFX, FXCM, LiquidityConnect, Traderscolo VPS, BaxiaMarkets, and Pepperstone as frontend and technical support
- Managed multiple teams, delivered training, and built a continuous improvement system
- Designed and ran ticketing workflows, SLA frameworks, and escalation protocols across multi-broker technical support operations
- Led incident response during trading platform outages — root-cause analysis, client communication, and engineering coordination under real-money pressure
- Enforced anti-fraud, anti-money laundering, and big data security controls, verifying client data with KYC platforms including Sumsub
- Led trading operations: managed risk exposure, executed hedging strategies, monitored market volatility, and balanced A/B-book positions across MT4/MT5 and oneZero platforms
- Analyzed client trading patterns to detect adverse behavior, protect firm capital, and optimize risk-adjusted returns in real-time trading environments
- Built web apps with React, Vue, WordPress, Laravel, HubSpot CMS
- Architected backend systems, automated data sync with n8n, Python, Flask
- Docker deployment on DigitalOcean & Google Cloud

Tech: Ubuntu • React • PHP • WordPress • Laravel • Vue • Docker • n8n • Python • DigitalOcean

Host Integrator

Aug 2011 - Dec 2013

Wirecard (PT. Aprisma Indonesia)

- Engineered payment gateway integrations at Wirecard subsidiary
- Connected Prisma Gateway with banking systems for corporate payment flows
- Maintained strict security, audit, and data-handling controls across all payment integrations

Tech: Java • HTML5 • CSS3 • Spring • Spring Boot • Hibernate

KEY PROJECTS

MallOps Suite

Mall operations ERP on Odoo 19: leasing contracts, automated billing with IoT meter readings, DOKU VA/QRIS payments with signed webhooks, 18-endpoint API hub, Telegram ops bot. 60+ tests green on fresh databases.

Decision: Build on Odoo 19 for the accounting and invoicing core; custom code only where it differentiates.

Srabutan.com

Indonesia's freelance marketplace, built from zero: AI-powered matching, real-time collaboration, secure payments, and full CI/CD with Docker.

Decision: Keep payments white-label through Xendit's Payment Request API; shift provider risk, never redirect buyers.

UMKM St. Servatius

Community commerce platform: multi-role verification, tender and bazar management, digitized permits with digital signatures, Row-Level Security across 68 pages.

CrosSyncOrder

Real-time forex trade synchronization across MetaTrader 4/5 and cTrader with WebSocket and ZeroMQ messaging, containerized with Docker.

TECHNICAL SKILLS

Frontend: React • TypeScript • Vue • Astro • Tailwind • Next.js

Backend: Node.js • FastAPI • Express • NestJS • GraphQL • Python

Full-Stack: Next.js • Laravel • Java/Spring • PHP

Infrastructure: Docker • K8s • GitHub Actions • DigitalOcean • n8n • Redis

ERP: Odoo 19 Development • PostgreSQL

Support Operations: Technical Support • Team Leadership • Zendesk • Jira • Tawk.to • SLA Management • Escalation Management • Incident Response • Root Cause Analysis • KPI Reporting • Training & Coaching • AML/KYC Compliance

CMS: WordPress • HubSpot • Jekyll

Agentic AI: Hermes • OpenClaw • OpenWork

AI Image Generation: fal.ai • Nano Banana • Prompt Engineering

EDUCATION & CERTIFICATIONS

Bachelor of Information System - Swiss German University 2007 - 2011

Specialization in Software Development • GPA 3.34

Certifications:

- **AWS Certified Solutions Architect** - Amazon Web Services (2023)
- **Google Professional Cloud Architect** - Google Cloud (2022)