

RISDYANTO

Senior Remote Fullstack Engineer | 15 Years Distributed Teams Experience

✉ rizts.tech@gmail.com 📱 +62 856 230 2121 📍 Karawang, West Java (Open to Full Remote)

🔗 [linkedin.com/in/rizts](https://www.linkedin.com/in/rizts) • github.com/rizts • risdylabs.my.id

PROFESSIONAL SUMMARY

Senior fullstack engineer with 22 years of software development experience and 15 years of proven remote work across international and distributed teams. Specialized in building production-ready SaaS platforms, multi-tenant business systems, AI-powered applications, and integrated mobile solutions. Successfully delivered 50+ systems independently with minimal supervision, demonstrating strong async communication and self-directed delivery capabilities.

Core Strengths: Remote collaboration • Independent delivery • Full-stack development • AI/ML integration • Multi-tenant architecture • Mobile development (Flutter) • Production system deployment

TECHNICAL EXPERTISE

| | |
|------------|--|
| Frontend | React, TypeScript, Next.js (expert), JavaScript, jQuery, Tailwind CSS, Bootstrap |
| Backend | Node.js (Fastify), Python (FastAPI), PHP (Yii2, Laravel, CodeIgniter, Phalcon) |
| Mobile | Flutter 3.x (Dart), Provider state management, QR code scanning, Camera, Geolocation, Android/iOS builds |
| BaaS/Cloud | Supabase (PostgreSQL, Auth, RLS, Real-time, Storage) — expert; AWS S3/CloudFront; Vercel; Railway; Render; Neon |
| AI/ML | RAG Systems, LangChain, Google Gemini, Vector DB (Qdrant), scikit-learn, HuggingFace, Jina AI, Cohere, Voyage AI |
| Database | MySQL, PostgreSQL, SQL Server, Oracle |
| DevOps | Docker, Linux (Ubuntu/RedHat), Git, GitHub Actions CI/CD |
| APIs | REST API design, Amadeus, Sabre, Shopify, payment gateways, document processing |

PROFESSIONAL EXPERIENCE

Guarda — Security Patrol Management Platform | **Personal Project (Freelance)** | 2025 - Present

End-to-end security patrol management platform built independently for a personal client request. Live demo: guarda-mu.vercel.com

- **Patroli Admin — Next.js 16 Web Application:** Production-ready multi-tenant admin dashboard
 - Multi-tenant architecture with Row Level Security (RLS) per company in Supabase PostgreSQL
 - Full CRUD for personnel, areas, checkpoints (GPS + QR code), attendance, incident & emergency reports
 - Real-time payroll calculation, broadcast messaging system, analytics dashboard with Recharts
 - Role-based access control (Admin / Supervisor / Personil); export to Excel & PDF
 - Tech: Next.js 16, React 19, TypeScript, Tailwind CSS 4, shadcn/ui, Supabase, TanStack Query, Zustand
- **Guarda Mobile — Flutter Application :**
 - Clock in/out with selfie verification and GPS geolocation capture
 - QR code patrol scanning for checkpoints; photo documentation with timestamps
 - Admin dashboard with personnel monitoring, broadcast messaging, and reports

- Supabase integration: Auth, real-time subscriptions, Storage for photos
- Tech: Flutter 3.x, Dart, Provider, Supabase Flutter SDK, Google Maps, QR Scanner, image_picker

PT Andromeda Global | **Fullstack Developer** | *October 2017 - Present (7+ years)*

Built and maintained 6 production business systems serving Indonesian SMEs with multi-tenant architecture, compliance workflows, and automated business operations.

- DropInvoice.com: Invoice management SaaS — subdomain-based tenant isolation, automated PDF generation, 1,000+ monthly invoices across 50+ accounts. Tech: PHP/Yii2, MySQL, REST API
- KartuStok.com: Real-time inventory tracking with RBAC, automated alerts, mobile-responsive (Cordova/CapacitorJS). Reduced stockout incidents by 60%. Tech: PHP/Yii2, React, TypeScript
- Drovat.com: Tax/VAT document extraction with intelligent PDF processing. Tech: PHP/Yii2, JavaSE
- Approval Workflow System: Drag-and-drop form builder with dynamic validation and multi-step approval. Reduced approval cycle from 7 to 2 days. Tech: PHP/Yii2, React, TypeScript
- Invoice Distribution System: eMeterai Peruri API integration, processes 10,000+ documents monthly. Tech: PHP/Yii2, React, JasperReport

AI/ML PRODUCTION PROJECTS

RAG Stack | **Production-Ready RAG AI System** | github.com/rizts/rag-stack

Production-ready Retrieval-Augmented Generation system with complete CI/CD pipeline. Refactored from proof of concept into modular, production-grade architecture.

- FastAPI backend + React TypeScript frontend with intelligent LangChain document chunking
- Multiple embedding providers: Jina AI, Cohere, Voyage AI, HuggingFace
- Qdrant Cloud vector database; automated GitHub Actions CI/CD with path-based deployment
- Tech: FastAPI, Python 3.11, React 18, TypeScript, Vite, LangChain, Google Gemini, Docker

BuzzSpy | **Full-Stack Real-Time Social Media Analysis** | github.com/rizts/buzzspy

Production-ready microservices platform for real-time Twitter/X buzzer detection and trending topic analysis.

- SSE streaming at 10+ events/second; weighted ML detection (75-80% accuracy) analyzing 8+ behavioral patterns
- Tech: Node.js/Fastify, Python/FastAPI, scikit-learn, React 18, TypeScript, Upstash Redis, Vercel

PREVIOUS EXPERIENCE

Freelance Developer — Various International Clients | **Remote** | *2013 - 2017*

Delivered 15+ custom web applications for Indonesian and international clients across e-commerce, travel, fintech, and business management.

- Shopify Plugins (2016): 3 production apps incl. Pay.nl payment integration (500+ merchants). Tech: PHP/CodeIgniter
- GetAristo.com (2016): Travel booking with Amadeus/Sabre API, multi-currency. Tech: PHP/Phalcon
- Kirim.Email (2017): Email marketing platform, improved deliverability systems. Tech: PHP/Phalcon
- Mini ERP - Rama Tour (2013): Integrated reservations, lite accounting, auto-invoicing. Tech: PHP/CodeIgniter

Software Developer — Various Companies | **PT Duta Astakona, CV Waditra, PT Insan Indonesia, PT Dirgantara Indonesia, PT ESI** | *2003 - 2013*

Enterprise software development across disaster management systems, document management, public service systems, banking monitoring, and GPS vehicle tracking. Technologies: Java/JavaEE, C#/ASP.NET, PHP, Oracle, SQL Server, MySQL.

KEY ACHIEVEMENTS

- 15 years proven remote work — delivered 50+ production systems independently across time zones
- Multi-tenant SaaS expertise — 7+ years building scalable platforms with subdomain isolation, RBAC, and tenant-specific customization
- Full-stack mobile expertise — Next.js + Flutter + Supabase end-to-end production delivery (Guarda project)
- Production AI systems — RAG applications with LangChain, Gemini, Qdrant and full CI/CD

- Full project lifecycle ownership — from requirements and architecture through deployment and maintenance
- Business domain expertise — deep understanding of Indonesian business systems (invoice/tax compliance, multi-tenant platforms)

EDUCATION

Politeknik Negeri Bandung — Computer Engineering (3-year Diploma)

Thesis: Signature Recognition using Artificial Neural Networks (ANN-Back Propagation)

LANGUAGES & AVAILABILITY

🇮🇩 Indonesian: Native 🇬🇧 English: Written (Fluent) • Spoken (Intermediate, actively improving)

Open to: Remote full-time or contract roles • Time zones: Flexible with SEA/APAC/AU/EU • Work style: Async-first, self-directed, minimal supervision

Ideal roles: Senior Fullstack Engineer • Remote Software Engineer • AI/ML Engineer • Technical Lead