HARDANTO PRABOWO

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PROFESSIONAL SUMMARY

Senior Full Stack Engineer with over 9 years of professional experience architecting scalable backend systems, enterprise ERP/CRM platforms, event-driven microservices, and local AI workflows. Proven expertise in Go (Golang), PHP (Laravel), Next.js, and Redis, with strong technical leadership in automated financial and inventory accounting engines, high-concurrency WhatsApp CRM gateways, and local LLM integrations. Active tech content creator (@dantoking) sharing software engineering practices and architecture insights with the developer community.

CORE COMPETENCIES

- **Backend Architecture & APIs:** Go (Golang), PHP (Laravel, CodeIgniter), Node.js, RESTful APIs, Event-Driven Architecture, Webhooks, Message Queues (RabbitMQ)
- **Frontend Development:** Next.js, React, Tailwind CSS, TypeScript, Responsive UI Development
- **Databases & Caching:** PostgreSQL, MySQL, Redis, Supabase, Schema Design & Query Optimization
- **DevOps, Cloud & Tooling:** Docker, CI/CD (GitHub Actions), Local AI Workflows (Ollama/Qwen LLMs), Git

WORK EXPERIENCE

NUSAINDO Technology — Surabaya, Indonesia

Senior Full Stack Developer | Mar 2017 – Present

- Architect and maintain enterprise web applications, ERP modules, and microservices using Go, Laravel, Next.js, and PostgreSQL/MySQL.
- Design an All-in-One Enterprise Business Management Platform integrating sales, procurement, inventory tracking, and automated General Ledger accounting workflows — detailed in Featured Projects.
- Architect an event-driven WhatsApp CRM gateway (Gowa) in Go, Redis, and PostgreSQL — detailed in Featured Projects.
- Build resilient webhook pipelines featuring idempotent retry handling and dead-letter queues, reducing message loss rates to near zero.

- Engineer automated batch-processing strategies in Go for multi-server database backup workflows, reducing manual backup operations by 70% and lowering server load overhead.
- Optimize legacy monolithic Laravel applications and complex MySQL queries, achieving a 30% reduction in page load latency and improving concurrency limits.
- Integrate offline local LLMs (Qwen via Ollama) into internal Go services to automate SQL query generation, offline code refactoring, and database analysis.
- Lead and mentor 4+ junior developers and interns on software architecture, code reviews, and cloud-hosted project delivery.

Morra Kreasi — Surabaya, Indonesia

Junior Backend Developer | Jan 2016 – Nov 2016
Built Laravel/MySQL backends and RESTful APIs for client web applications, integrating server-side logic with frontend and UI/UX teams.

Diskominfo Jawa Timur — Surabaya, Indonesia

Backend Developer Intern | Jan 2015 – Jun 2015
Developed an institutional project workflow system using CodeIgniter and MySQL, digitizing record workflows across 3 internal government divisions.

FEATURED PROJECTS

All-in-One Enterprise Business Panel & ERP (CRM, Sales, Purchasing & Finance)

- Designed and engineered a modular enterprise management platform covering end-to-end business operations: Sales, Procurement, Inventory, Marketing/CRM, and Automated Accounting.
- Implemented real-time multi-warehouse inventory tracking with lot/batch management and automatic general ledger journaling upon stock movements and sales transactions.

Gowa — Asynchronous Golang WhatsApp CRM Gateway

- Designed and built an enterprise-grade WhatsApp API gateway using Go, whatsmeow, Echo, Redis, and PostgreSQL to service automated CRM flows.
- Implemented contact scraping, keyword-based auto-responses, dynamic webhooks, and asynchronous message queuing with idempotent retry handling, processing 1,000+ daily messages at p99 latency under 300ms).

Local AI Code & Database Assistant (Qwen + Ollama)

- Integrated local open-source LLMs into CLI and backend tooling, enabling secure offline code refactoring, automated SQL analysis, and schema query generation without external cloud latency or privacy risks.

COMMUNITY & TECHNICAL LEADERSHIP

Tech Content Creator (@dantoking) | Aug 2024 – Present

- Create technical educational content, programming tutorials, and software architecture carousels across Instagram, Threads, TikTok, and YouTube for a growing developer community.
- Produce short-form video series explaining backend design patterns, microservices, and modern web engineering best practices.

Speaker & Judge — EXPLOR[AI]TION (Garuda Spark) | 2026 (Confirmed)

- Served as speaker and judge for an AI incubation program, delivering sessions on applied AI integration and evaluating early-stage AI project pitches.

Technical Judge — TechUp (SMK Telkom Sidoarjo) | 2026 (Confirmed)

- Judged technical competitions, evaluating participants on programming logic, backend fundamentals, and general IT knowledge.

EDUCATION

- **SMKN 1 Surabaya** — Vocational High School Diploma in Software Engineering (Jul 2013 – Jul 2016)