GILANG GUNAWAN

IT Consultant | Software Engineer | Management Information Systems (MIS) Specialist
East Jakarta, Indonesia | +62 823-3505-6500 | hello@gilang.web.id | linkedin.com/in/gilang-gunawan | gilang.web.id

PROFESSIONAL SUMMARY

IT Consultant and Software Engineer with 6 years of experience, including 4+ years building national-scale MIS at Indonesia's Ministry of Agriculture for World Bank and IFAD projects (US$238M+ combined funding). Delivered 5 enterprise applications (50+ modules) for headquarters, 10 provincial offices, and 10,000+ beneficiary accounts, from requirements analysis through deployment, maintenance, and audit.

WORK EXPERIENCE

Ministry of Agriculture of the Republic of Indonesia — **Jakarta**
MIS Specialist (IT Consultant – Management Information System) — *Dec 2025 – Present*

- Built the project MIS from scratch as the sole software engineer: 30+ modules for headquarters and 10 provincial offices, recognized by the World Bank as the reference for PDO tracking.
- Cut financial report preparation from 1 week to under 5 minutes with a reporting platform aligned with the World Bank IFR format.
- Implemented CI/CD (GitHub Actions, zero-downtime releases), RBAC, centralized monitoring, and automated backups in production.

Save the Children Indonesia — **Jakarta (Home-based)**
Digital Platform Consultant (Part-time Consultant) — *Sep 2026 – Present*

- Lead the SKK job-matching platform (8,500 target participants): technical audit, priority security fixes, developer coordination, and hands-on feature work.

Ministry of Agriculture of the Republic of Indonesia — **Jakarta**
IT Consultant (Senior Assistant Professional – Management Information System) — *Feb 2022 – Dec 2025*

- Turned a distrusted MIS into the official KPI data source for IFAD, the Ministry, Bappenas, BPK, and the Inspectorate General.
- Cut financial consolidation by about 97% (nearly 1 month to 1 day) by aligning RKAKL with the IFAD IFR format.
- Reduced report execution from minutes to seconds through database optimization for 200,000+ beneficiary records and 31,000+ transactions.

PT Tower Bersama Infrastructure Tbk (Tower Bersama Group) — **South Jakarta**
IT Quality Control and Assurance (Software QA Engineer) — *Oct 2020 – Feb 2022*

- Tested 50+ enterprise application modules (SIT, UAT) and built an internal QA management platform that replaced spreadsheet reporting.
- Contributed to the SADAKO initiative (project delays cut from 22 cases to 0), winner of the Platinum Award at TKMPN 2021.

SELECTED PROJECTS

- **National Farmer Data Integration:** Integrated 4M+ farmer records (Simluhtan) with the Ministry of Finance's SIKP for agricultural financing analysis and audits.
- **National Agricultural Land Reporting Platform Infrastructure:** Scaled a ministry platform from ~1,000 to 30,000+ concurrent users (load balancing, Cloudflare WAF/DDoS).
- **Nemuhunian.com:** Founder and sole engineer of a property marketplace (Go, Next.js) with generative AI listings; 945 listings in 11 months.

SKILLS

Development: PHP (Laravel, CodeIgniter), Go, TypeScript, Next.js, React, Vue.js, Python, ASP.NET, REST API
Data: MySQL, PostgreSQL, SQL Server, Redis, query optimization, Metabase, Power BI
Infrastructure: Linux, Docker, GitHub Actions (CI/CD), Nginx, Apache, Cloudflare WAF, load balancing, RBAC
Analysis & Quality: BPMN, UML, requirements analysis, SIT, UAT, technical documentation, M&E/MEL, IFR and RKAKL reporting

EDUCATION

IPB University (Institut Pertanian Bogor) – Bachelor of Computer Science (S.Komp.) — Sep 2016 – Sep 2020

Awards: Platinum Award, TKMPN 2021; 1st Place, EYBI-C 2019; Top 10 National Finalist, GEMASTIK XI 2018