

# ERLANGGA TIRTA AGUSTINUS, A.Md., S.Pd. (LeoGA)

Full-Stack Web Developer | ERP/POS/HRIS/CRM | PHP (Native) + MySQL | JavaScript/jQuery | Linux/Nginx

Nationality: Indonesian | Marital Status: Married | Religion: Islam

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## PROFESSIONAL SUMMARY

Full-stack web developer with 10+ years of experience building and maintaining ERP, POS, HRIS, and CRM systems for multi-branch restaurant groups. Strong in native PHP (PHP 5.6), MySQL (large datasets and performance tuning), JavaScript/jQuery and responsive UI, Linux server operations (Nginx/Apache), cron-based automation, security/monitoring bots, and practical system integrations (payments, webhooks, SEO/schema). Interested in long-term remote collaboration.

*Work style & strengths (Psychometric 2025): result-driven, detail-oriented, resilient, strong stakeholder communication.*

## SKILLS

- Web: Native PHP, JavaScript (ES5/ES6), jQuery, React/Next.js; CSS/CSS3; HTML.
- Database: MySQL 5, PostgreSQL, Microsoft SQL; ODBC/ADO; Microsoft Access.
- Mobile: React Native (Android/iOS), basic Kotlin.
- Desktop: Visual Basic 6.0, ASP, Java, VBScript.
- Ops/Tech: Linux, Nginx; Cron automation; Network security; Hardware & BIOS; Social engineering.
- Creative/Media: Fireworks, Swish, Macromedia FlashMX; Filmora, Movavi; Adobe Lightroom.
- Accounting & Other: Accounting Information Systems; Auditing & Inventory Control (publication); Drone pilot & assembly (Betaflight).
- SEO: Schema markup (structured data); Website SEO tooling.

## EXPERIENCE

### PT Pringsewu Cemerlang, Purwokerto — CTO & Senior Programmer / IT Manager (Level II–III)

2009–Present (IT Staff 2011; IT Manager Level III 2019; IT Manager Level II 2020–Present)

- Primary developer for 20+ branch systems: POS, ERP, HRIS, CRM, purchasing, inventory control, finance dashboards, messaging.
- Production scale: ~300–400 daily transactions; database size >11 GB; optimization and long-term support.
- Automation (cron), security bots, multi-payment integrations, OCR/utility tooling; branch deployments and training.

### Asiamart (Minimarket) — Freelance Programmer

2020–2023

- Business web/app development and support.

### Fastchicken (F&B) — Freelance Programmer

2022–2024

- Business web/app development and support.

Other roles (selected): Inventory Admin Staff (TEPAT Workshop Solo) 2006; Freelance IT Staff (PT SAKAI & PT Indonesia TRC) 2007; Admin Staff (PT Lippo Securities) 2008; Warehouse Supervisor & Computer Technician (UD TEPAT) 2008–2009; Assistant Instructor (ELMICO) 1997–1998; Computer Assistant (SMK Muhammadiyah 3 Surakarta) 2003–2004; Private Tutor (GAMA) 2004–2008; Freelance Programmer & Technician (CV Hahonico) 2009–2010.

## EDUCATION

- 1997 — ELMICO Computer Technology
- 2002 — SMAN 1 Jogorogo Ngawi
- 2005 — Muhammadiyah Surakarta University

## CERTIFICATIONS & ASSESSMENTS

- 1997 — ELMICO: Computer Operator & Technical Support Certification (2004 listed).
- 2005 — Certificates: Basic Computer Operation; Information Systems Training; PPL (UMS FKIP).
- 2006 — Information Technology Equipment (Ultratech / Sangoma Technologies Inc project).
- 2023 — Certified Internal Quality Auditor ISO 9001:2015.
- 2025 — MBTI: ESTJ; Typing: 46 WPM, 99.14% accuracy (0 wrong words).

## PUBLICATION

2015 — Warehouse Inventory Control Through Software-Based Accounting Information Systems at PT Pringsewu Cemerlang (UMS eprints).

## PROJECTS & RESEARCH HIGHLIGHTS

Projects & research (selected): 2004 inventory/POS desktop VB6; 2006 SMS Gateway & CRM; 2007 Brontok W32 antivirus app (research ongoing); 2012 AI speech recognition + text-to-speech 'Chiko'; 2013–2020 web CRM research (PHP+MySQL); 2019–2024 POS order cashier multi-client (web), marketplace, ERP/HRIS/MRP; 2024 SEO app, barcode attendance, e-budgeting, multi-payment (QRIS/VA); 2025 AI multi-paywall platform, SEO landing-page generator, sitemap XML crawler generator, YouTube scanner, Google Trends dashboard, directory indexable bot, QR/WhatsApp QR generators; ERP/POS/HRIS/MRP R&D (2020–Present).

Hobbies: drawing/painting; musical instruments (guitar, bass, piano).