TRANDY MIGDATUMEILGA TARJUAR

BACKEND ENGINEER | Go | Node.js / TypeScript | PHP / Laravel

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PROFESSIONAL SUMMARY

Backend Engineer with 5+ years of professional software development experience, including enterprise backend systems, RESTful APIs, and third-party integrations. Experienced in Go, Node.js/TypeScript, PHP/Laravel, PostgreSQL, MySQL, Redis, and Docker. Contributed to E-Invoice modernization, ERP integrations, secure authentication, document workflows, and operational systems for SUCOFINDO, BTN, KAI, and BP Tapera.

TECHNICAL SKILLS

Languages & Backend: Go, TypeScript, JavaScript, PHP, Gin, Fiber, GORM, Node.js, Express.js, Laravel, CodeIgniter 3/4

Databases & Messaging: PostgreSQL, MySQL, MongoDB, Redis, Kafka, RabbitMQ, background jobs, schedulers

APIs & Security: REST APIs, JWT, SSO, Keycloak, RBAC, 2FA, ERP integration, API documentation, audit trails

Tools & Infrastructure: Docker Compose, Git, GitLab, Swagger/OpenAPI, Postman, Gotenberg, SonarQube, Semgrep, unit and regression testing

PROFESSIONAL EXPERIENCE

Backend Developer / Web Developer | PT TOGI (Client: PT SUCOFINDO) | Aug 2026 – Present

E-Invoice Backend Modernization — Go

- Modernized E-Invoice backend services from Laravel to Go (Gin/GORM), including REST API development and MySQL-to-PostgreSQL schema migration.
- Integrated SCI API v2 and IDS ERP data; developed invoice mapping, SSO/JWT authentication, user synchronization, RBAC, and responsibility-based authorization.
- Developed invoice PDF lifecycle features using dynamic templates, Gotenberg, watermarking, object storage, and approval-state handling.
- Worked on Peruri E-Meterai integration, including serial-number validation, idempotency safeguards, partial-failure recovery, and document finalization.

E-Invoice Legacy Modernization — Laravel

- Modernized a Laravel 6 / PHP 7 E-Invoice application toward Laravel 13 / PHP 8.5 while maintaining legacy business workflows and route compatibility.
- Developed invoice draft, submission, approval/rejection, delivery, acknowledgment, reporting, and audit-history workflows; integrated ERP/SCI, SSO/2FA, E-Meterai, VerDok, and SMTP.
- Implemented document management (PDF, XML, Excel, QR codes), role- and unit-based access, private storage, signed URLs, background queues, schedulers, and regression tests.

General Services Management Information System (E-Administrasi) — Laravel

- Developed modules for operational transportation, shipments, business travel, and accommodation, including service requests, approval, verification, and status tracking.
- Implemented Laravel MVC business logic, CRUD, validation, document handling, QR-code verification, and Blade/MySQL features; supported debugging and maintenance.
- Across projects, supported Docker Compose environments, API/database troubleshooting, security checks, technical documentation, and UAT.

Backend Developer | PT Fan Integrasi Teknologi | Jun 2023 – Dec 2025

- BP Tapera: Developed eligibility, reconciliation, reporting, and e-bidding APIs with Go Fiber, PostgreSQL, Keycloak, and approval workflows.
- KAI: Built TypeScript/Express APIs for JWT, RBAC, contracts, rental assets, reporting, exports, and installment-based invoicing using PostgreSQL and MongoDB.
- BTN: Developed CodeIgniter/MySQL features for membership, segmentation, approvals, CMS, exports, scheduled jobs, and RabbitMQ email notifications.

Fullstack Developer | PT Ismart Inter Global | Mar 2023 – Jul 2023

- Developed BPJS membership reporting and visualizations; addressed findings from penetration testing.

Frontend Developer | PT Inovatif Tujuh Delapan | Dec 2021 – Jan 2023

- Developed community CMS and queue systems; supported company websites, flow diagrams, and manual QA.

Fullstack Developer | PT Danamas Insan Kreasi Andalan (DIKA) | Mar 2021 – Dec 2021

- Implemented bulk Excel import/export, data-driven PDF generation, and signature-pad features.

SELECTED PROJECTS

Epic Holding Studio — Company Profile & CMS | React, TypeScript, TanStack Start, CodeIgniter 4, MySQL | epicholdingstudio.com/client

CBR Squad Indonesia — Community Website | Next.js, TypeScript, Vercel, SEO | cbrsquadindonesia.vercel.app

EDUCATION & PROFESSIONAL TRAINING

STMIK Jakarta STI&K — Master of Information Technology (S2), Oct 2026 – Present (In Progress)

Universitas Al Azhar Indonesia — Bachelor's Degree, Informatics Engineering (S1), 2012 – 2019

AWS Academy Graduate – AWS Academy Cloud Developing | AWS Academy | May 2024 | 40 hours

Additional training: freeCodeCamp Backend APIs; SQL Fundamentals; JuaraCoding Programming Bootcamp