

Erwin

Software Developer

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SUMMARY

Fullstack Developer with a strong focus on backend development, currently working at PT. Cipta Media Nusa (Ciputra Group) where I develop enterprise systems using **Laravel** on **VPS environments managed with Plesk**. Passionate about backend engineering, with hands-on experience in building scalable RESTful APIs using **Golang (Echo)**. Skilled in database modeling (PostgreSQL, MySQL, MongoDB), background processing, and system performance tuning. Delivered ERP, WMS, and recruitment systems, and experienced in deploying applications to **GCP, Heroku**, and **VPS** using **Docker**. Committed to growing as a backend engineer and contributing to high-performance backend systems.

EDUCATION

Pelita Harapan University <i>Master of Informatics</i>	Jakarta, Indonesia 2024 – 2026
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Hacktiv8 <i>Back End Golang (Transcript)</i>	Jakarta, Indonesia April 2025 – August 2023
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Dumbways Indonesia <i>Fullstack Web Developer (Transcript)</i>	Jakarta, Indonesia Juni 2023 – September 2023
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Widya Dharma University Pontianak <i>Bachelor of Information System (GPA 3.70/4.00)</i>	Pontianak, Indonesia 2019 – 2023
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Harisenin.com <i>Fullstack Laravel (Transcript)</i>	Jakarta, Indonesia Mei 2023 - Jui
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WORK EXPERIENCE

PT Ciptakomunindo Pradipta <i>SOFTWARE DEVELOPER</i>	Jakarta, Indonesia January 2025 – Present
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1. Transferred from PT Ciptakom Media Nusa

PT CIPTAKOM MEDIA NUSA <i>SOFTWARE DEVELOPER</i>	Jakarta, Indonesia Desember 2023 – January 2025
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2. Developed various internal systems using Laravel, including:
 - a. **Enterprise Resource Planning (ERP) System** – handled modules such as Document Management, Departments, Customers, Products, Banking, Invoices, Payments, Journals, and Purchase Orders.
 - b. **Warehouse Management System (WMS)** – featured inventory tracking, stock management, and delivery note (Surat Jalan) generation.
 - c. **Recruitment System** – included online registration, administrative screening, and interview scheduling.
3. Responsible for managing **IT infrastructure**, including Virtual Private Servers (VPS), mailing systems, system security, and enterprise systems to ensure stable and secure operations.
4. Conducted performance testing using **JMeter** and analyzed system efficiency with **Fluxicon Disco** to support optimization efforts.

SKILLS

Language: JavaScript, PHP, Go (Golang), Solidity

Front End: JQuery, HTML & CSS , React js

Back End: Laravel (PHP), Go

Server: VPS (Cloud Kilat , Geo Biznet), Google Cloud Platform (GCP), Heroku, Hosting

Server Panel: Plesk, Cpanel, CLI VM GCP

Database: Postgresql, MySQL, Mongo DB

Smart Contract: Solidity

AI: OpenAI(ChatGPT) , Grok(x.ai) , Qwen , Deepseek

PROJECTS

Finance & Accounting

Aug 2025(Ongoing)

Tech Stack: Go (Echo Framework), PostgreSQL, VPS, Docker , React js

Description:

Currently developing a financial accounting application for **PT Ciptakom Media Nusa**, featuring modules such as **Accounts Receivable**, **Journals**, and other essential accounting operations to support financial reporting and management. The system is built using a **microservices architecture**—with **gRPC** for inter-service communication and a **REST HTTP gateway** for client interactions. **React.js** is used for the frontend interface, ensuring a responsive and user-friendly experience. This architecture supports high performance, scalability, and maintainability.

Flight Search Service ([Click Here](#))

Aug 2025

Tech Stack: Go (Fiber Framework), Docker, Redis

Description:

This project implements a flight search backend system using a microservices architecture. The system consists of a main-service that handles user requests via a REST API and a provider-service that simulates fetching flight data. Communication between services is managed asynchronously using Redis Streams, and search results are streamed to the client in real-time via Server-Sent Events (SSE). The project is developed using Go and the Fiber web framework.

Online Food

Juni 2025

Tech Stack: Go Echo, Postgresql, GCP , Docker

Description:

Developed a microservices-based food ordering system using Go (Echo), combining gRPC for internal service-to-service communication and REST APIs for client-facing interactions. The system consists of three independent services Transaction, Payment, and Product designed using Domain-Driven Design (DDD) principles. PostgreSQL is used as the primary database. Each service includes unit testing, is documented with Swagger, containerized with Docker, and deployed on Google Cloud Platform (GCP) using Cloud Run.

Golang Microservice

Juni 2025

Tech Stack: Go Echo, MongoDB, GCP Docker

Description:

This project is a Golang microservices-based application consisting of three independent services: Transaction Service, Payment Service, and Product Service. It is developed using Echo, MongoDB, and follows Domain-Driven Design (DDD) principles. Each service includes unit testing and Swagger API documentation, containerized with Docker, and deployed on Google Cloud Platform (GCP) using Cloud Run.

Golang Monolith

Juli 2025

Tech Stack: Go, GORM, PostgreSQL, JWT, Swagger, Heroku

Description:

A monolithic REST API application for hotel room booking built with Golang and GORM. The system supports JWT-based authentication, user balance top-up, room availability checks, and booking management. Includes Swagger documentation and deployed on Heroku.

Blockchain Voting DApp (Local & Sepolia Deployment)

Mei 2025

Tech Stack: Solidity, Web3.js, Hardhat, Ganache

Description:

Developed a decentralized voting system for educational purposes. Supports MetaMask integration and smart contract deployment on Sepolia Testnet and local Ganache.

Recruitment System

February 2025

Tech Stack: Laravel, MySQL, VPS

Description:

A rapid-deployment recruitment platform developed in 3 days to streamline hiring processes. Included online registration, automatic administrative screening, and interview scheduling.

Warehouse Management System (WMS)

November 2024

Tech Stack: Laravel, MySQL, VPS

Description:

A lightweight WMS designed and delivered in 7 days, supporting inventory tracking, stock management, and automated delivery note (Surat Jalan) generation. Ensured efficient warehouse operations and real-time stock visibility.

Enterprise Resource Planning (ERP) System

December 2023

Tech Stack: Laravel, MySQL, VPS

Description:

Developed for **PT Ciptakomunindo Pradipta**, this comprehensive ERP platform manages core business functions, including document management, departments, customer data, products, banking, invoices, payments, journals, and purchase orders. Deployed on a VPS and optimized through performance testing using **JMeter** and process analysis with **Fluxicon Disco** to ensure efficiency and scalability.

Twitter Clone [click here](#)

September 2023

Tech Stack: React, Express, PostgreSQL, Cloudinary, RabbitMQ

Description:

A Twitter-like platform with user authentication, tweet posting, and media uploads. Designed with scalable backend architecture and real-time updates.

CERTIFICATIONS

Hacktiv8

Training in Golang development covering backend engineering, concurrency, API development, and microservices architecture.

Certificate: [Click Here](#)

Issued in Aug 2025

No expiration date

PT. DumbWays Indonesia Teknologi

Covered Express, MariaDB, Go, Cloudinary, RabbitMQ, Remix, React.js, and fullstack development skills

Certificate: [click here](#)

Issued in Sept 2023

No expiration date

Santri Koding

Building an Online Store with Laravel, and Payment Gateway

Certificate: [SK-1M7J193735641KP](#)

Issued in June 2023

No expiration date

Harisenin.com – PROCLASS LARAVEL

Laravel Training Program

Certificate: [HSPC/LARAV/001/20230608019](#)

Issued in May 2023

No expiration date