Tristanto Wijaya

Software engineer building modern web apps and AI features, from the database to the interface people use.

Jakarta, Indonesia
tristantowijaya168@gmail.com
+62 821 2222 7914
tristantowijaya.com
github.com/triswijaya
linkedin.com/in/tristanto-wijaya-300376334

Experience

Software Engineer Intern · Moonlay Technologies — Aug – Dec 2026

- Build features across the frontend and backend of an AI-assisted document analysis web app.
- Frontend in Next.js, React, TypeScript and Tailwind CSS; backend in Python, FastAPI, SQLAlchemy and PostgreSQL.

Selected Projects

Sportify · PKM-KC national funding — 2026

Team project: system planning, feature development, documentation, web platform

- AI personal trainer that gives real-time feedback on movement; pose estimation runs in the browser, on the user's own device.
- Partner matchmaking, open play sessions and progress tracking on native PHP and MySQL, shipped inside a fixed funding timeline.

Task Management App · Technical assessment — 2026

Solo: API design, schema, backend, frontend, setup docs

- Kanban board with JWT authentication, assignment, search and filtering on PostgreSQL, with Alembic migrations, Swagger docs and a reproducible seed script.
- AI assistant (Gemini) only classifies intent; the backend runs fixed queries and never executes model-generated SQL.

Lumora · Personal project — 2026

Solo: database design, storefront, authentication, admin dashboard

- Restaurant platform for four branches: a customer storefront and an admin dashboard on one Laravel database, with role-based access scoped per branch.
- Checkout re-reads prices from the database on the server, so the browser never decides the order total.

Property Price Prediction · ICADEIS 2026, first author — 2026

- Compared Random Forest and LightGBM on residential listings collected from several Indonesian platforms, evaluated with MAE, RMSE, MAPE and R^2.

Skills

Languages

Python, TypeScript, JavaScript, PHP, SQL, C#, HTML, CSS

Frameworks

Next.js, React, FastAPI, Laravel, Tailwind CSS, SQLAlchemy, Alembic

Databases

PostgreSQL, MySQL, SQLite

Tools

Git, GitHub, Docker, Vite, Figma, VS Code, Jupyter Notebook

AI

Claude, ChatGPT, Gemini API

Education

Universitas Pelita Harapan
Bachelor of Computer Science (S.Kom), Information Systems
Aug 2024 – Expected 2027
GPA 3.80 / 4.00

Recognition

PKM-KC national funding, 2026
First author, ICADEIS 2026

Languages

Indonesian (Native)
English (Working proficiency)
Mandarin Chinese (HSK 4)