

WILDAN ARDIAN ALAMSYAH

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SUMMARY

Backend-focused Laravel developer with 1+ year building production-grade web applications for real clients from database architecture to third-party API integration. Solved live concurrency issues in a high-traffic ticketing platform using pessimistic locking, achieving zero overselling incidents in production. Comfortable owning backend features end-to-end: schema design, RESTful API development, payment gateway integration, and deployment.

EDUCATION

Bachelor of Science, Information Technology

Aug 2021 - Feb 2025

Universitas Telkom - Bandung, Indonesia

GPA: 3.85 / 4.00

Relevant Coursework: Data Structures, Web Development, Database Systems, Software Engineering

EXPERIENCE

Freelance Web Developer

Sep 2024 - Feb 2026

IRACE Indonesia - Remote

- Engineered Sportix end-to-end as sole full stack developer, a web-based event management and ticketing platform for running events.
- Structured full database architecture and enforced business logic for a dual-role user system (event admin + ticket buyer in one account).
- Implemented a ticket reservation system with expiry hold mechanism to prevent overselling under concurrent load.
- Coordinated a multi-step transaction flow spanning payment gateway and insurance API, ensuring atomicity and consistency across external service boundaries.
- Resolved critical race conditions on concurrent ticket purchases by enforcing pessimistic locking and database transactions also guaranteeing zero overselling incidents at scale in production.

Stack: Laravel, ReactJs, MySQL, REST API, PHP, Javascript, TailwindCSS

Database Practicum Assistant

Feb 2024 - Jun 2024

Informatics Lab Telkom University - Bandung

- Delivered practicum sessions covering SQL, relational database normalization, and database design principles for ±40 undergraduate students across multiple lab cohorts.
- Assessed student assignments and provided structured technical feedback to reinforce conceptual understanding during hands-on lab sessions.

Stack: SQL, Oracle Database, MySQL

PROJECT

Sportix - Event Management & Ticketing Platform

IRACE Indonesia - Remote

- Architected the backend from database schema design to deployment on a live environment, serving as the sole backend developer on the project.
- Designed a webhook-based integration with the Finpay payment gateway alongside a third-party insurance API, handling multi-step transactions within a single cohesive backend architecture..
- Delivered a ticket expiry hold mechanism built on atomic DB transactions to eliminate overselling under high-concurrency load.

SKILLS

Backend : Laravel, PHP, REST API Development

Frontend : React.js, Inertia.js, Javascript, HTML, CSS, TailwindCSS

Database : MySQL

Tools & Others : Git, Postman, Payment Gateway Integration, Deployment (Hosting)