

RIZAL FARHAN NABILA NURFALAH

Badung, Bali, Indonesia | +62 89 774 50 890 | rf.rizalfarhan@gmail.com
github.com/rizalnf6 | rizalfarhan.dev

PROFESSIONAL SUMMARY

Full stack developer with 7+ years of experience building production-grade systems across e-commerce, property management, cybersecurity, and fintech platforms for international clients. Backend-focused with strong proficiency in Laravel, Golang, and PHP, complemented by frontend expertise in React and Next.js. Experienced in server infrastructure, CI/CD pipelines, Docker, and cloud deployments.

TECHNICAL SKILLS

Backend: Laravel, PHP, CodeIgniter, Golang, REST API, System Architecture

Frontend: React, Next.js, Flutter, Bootstrap, Shopify Theming

DevOps & Infrastructure: Docker, Ubuntu Server, CI/CD Pipeline, DNS Management, SSL Deployment

CMS & Platforms: WordPress, Shopify, Hostfully, Airbnb API, Booking.com API

PROFESSIONAL EXPERIENCE

Fullstack Developer | AiEPal — Denmark (Remote)

Feb

2026 – Present

AI-powered security platform for automated domain scanning and vulnerability assessment, serving the Swiss market.

- Built full stack application using React 18 + TypeScript (frontend) and Express.js + TypeScript (backend) within a pnpm monorepo architecture.
- Implemented real-time scan progress and live threat updates using Socket.IO, enabling users to monitor vulnerability assessments as they occur.
- Engineered async background job processing using BullMQ and Redis for domain scanning tasks, including Puppeteer-based web reconnaissance with stealth plugin.
- Integrated OpenAI API to generate AI-powered threat analysis summaries from raw scan data, enhancing actionable security insights for users.
- Designed JWT authentication system with access/refresh token rotation, Zod request validation, and route guards for protected dashboard pages.
- Built MongoDB schema with Mongoose ODM and implemented database migration system using ts-migrate-mongoose for safe schema evolution in production.
- Maintained Swagger/OpenAPI documentation for all backend endpoints and stable CI/CD deployment pipelines with distributed international teams.

Fullstack Developer | Eimeo Clothing — Tahiti (Remote)

Dec 2025 – Present

Polynesian slow fashion e-commerce brand based in Tahiti.

- Led end-to-end e-commerce platform migration from WordPress/WooCommerce to Shopify with zero downtime.

- Managed DNS configurations, SSL deployments, and full hosting transition.
- Executed large-scale data migration covering product catalogs, customer databases, and order histories.
- Customized Shopify themes and integrated third-party applications to enhance platform functionality.

Programmer & Web Developer | *Bali Realty Holiday Villas — Bali*

Sep 2022 – Present

Luxury villa rental company managing 80+ properties across Bali.

- Built 10+ individual CMS platforms from scratch for each villa property, enabling independent content management.
- Developed robust company platforms using the Laravel backend framework.
- Designed and integrated a property management system with major OTA platforms (Airbnb, Booking.com, Hostfully).
- Optimized system usability for operational teams managing over 80 luxury villas, improving internal workflow efficiency.

Fullstack Developer | *Freelance — Self-Employed*

Aug 2018 – Present

- Engineered backend architecture for Huqitod Topup, a high-traffic game top-up platform using Laravel.
- Automated order processing and digital product delivery workflows, reducing manual intervention.
- Integrated multiple payment gateways to facilitate secure and automated transaction processing.
- Managed server infrastructure including Ubuntu server configuration, Docker containerization, and DNS management.
- Developed real-time order and queue management system for Humble Roastery café, preventing concurrent booking conflicts (2021).
- Built CMS application using CodeIgniter and Bootstrap for a printing company (2019).

SELECTED PROJECTS

Villa CMS Platform — Bali Realty Holiday Villas (2022 – Present)

- Designed and developed 10+ individual CMS platforms from scratch, each tailored to a specific villa property under Bali Realty management.
- Built using Laravel with a modular architecture, allowing each villa to independently manage content, pricing, availability, and guest information.
- Integrated with internal operational workflows to support a team managing over 80 luxury villa properties.

Custom PMS & OTA Integration System — Bali Realty Holiday Villas (2022 – Present)

- Built a custom Property Management System (PMS) to centralize operations across multiple OTA channels.
- Integrated major platforms including Airbnb, Booking.com, and Hostfully into a unified custom backend system.

- Automated real-time availability sync, reservation management, and booking data flow between OTAs and internal systems.
- Reduced manual data entry and double-booking risks across 80+ villa listings on multiple platforms simultaneously.

Railway Ticketing System — High School Final Project (2018)

- Built a full stack railway ticketing web application handling seat distribution and queue management.
- Implemented concurrency controls to prevent double-booking during peak hours and promotional periods.

R2U Supply & Co — E-Commerce Platform (Bachelor's Final Project, 2022)

- Developed a Flutter-based e-commerce application for hotel and villa amenities products.
- Product released and in active use as part of official undergraduate thesis.

EDUCATION

Master of Computer Applications

2023 – 2025

Institute of Technology STIKOM Bali, Indonesia

Published Journal: Performance Analysis of Prediction Methods on Tokyo Airbnb Data — Comparative Study of Hyperparameter-Tuned XGBoost, ARIMA, and LSTM

Bachelor of Information Technology

2018 – 2022

Institute of Technology STIKOM Bali, Indonesia

Product Released: E-Commerce for Hotel and Villa Amenities Using Flutter Framework (R2U Supply & Co)

Diploma in Software Engineering

2015 – 2018

Wira Harapan Technical High School, Indonesia

ADDITIONAL INFORMATION

Languages: Bahasa Indonesia (Native), English (Experienced in Global Remote Teams), Japanese (Self-studying — JLPT N5)

Interests: Full Stack Development, Backend Architecture, System Design