I MADE RAMA PUTRA WIBAWA

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SUMMARY

I am a Computer Systems Fresh graduate from ITB STIKOM Bali, having built a solid foundation in core software engineering and practical systems development. My main focus is on web development, with a strong passion for Backend Development, system logic, database architecture, and Third-Party API integration. While my core focus is on the backend, I am also capable of handling Frontend Development, as proven during my part-time work at Eivern, where I also gained valuable experience from occasionally serving as a team lead. I am always eager to learn new technologies, highly adaptable, and ready to pick up new stacks quickly to build reliable, scalable, and efficient software solutions.

EXPERIENCE

Freelance Back-end Developer | Eivern **November 2024 - Present**

Responsible for building and maintaining backend systems for internal web platforms, focusing on business logic, database structure, and third-party integrations using Laravel.

- Custom E-Commerce Migration & Agile Multi-Branch Engineering: Successfully collaborated within a 3-member team to migrate a photo studio client from Fresha to an independent website and multi-branch booking platform. Managed the project lifecycle by gathering raw client requirements, designing the ERD/use cases, and handling 100% of the backend migration alongside helping25% of the UI design and workflow architecture. Built and integrated 100% with Midtrans and WhatsApp APIs, executing continuous feedback loops per quarter until achieving zero production errors and absolute client approval.
- Designed the architecture website and developed a comprehensive table reservation prototype for Mandala Restaurant, bridging front-end UI and backend schemas based on strict client specifications. Transformed initial requirements into detailed system workflows, constructing functional input forms that aligned 100% pixel-perfect with the intended UI/UX wireframes. Integrated a custom QR-code scan check-in flow and managed multiple feedback loops, updating features dynamically until the system fully satisfied all client operational standards.
- Rapid Hackathon Leadership & Client-Aligned Delivery: Served as Technical Team Lead during a high-pressure, intensive 8-hour hackathon event, leading a team to deliver a functional MVP from scratch. Conducted direct client alignment meetings to capture system constraints, mapped out immediate project sprints, and guided the team's development velocity. Contributed actively to both front-end component integration and backend business logic, ensuring the final software implementation addressed 100% of the client's core requirements on time.

Freelance Full-Stack Developer

Engineered and modernized a high-traffic digital news platform Balinews.id, executing full-stack migration from legacy WordPress to Nuxt Frameworks, automating multi-channel content distribution, and optimizing search engine visibility.

- WordPress-to-Nuxt Migration & Data Architecture: Led the complete end-to-end migration of the monolithic WordPress news portal to a high-performance Nuxt.js framework. Successfully migrated 100% of legacy articles, media, and user relational data with zero data loss while implementing secure multi-role role-based access control (RBAC) for editorial staff.
- Search Engine Optimization & High-Performance Web: Architected an SEO-first platform utilizing Server-Side Rendering (SSR), automated dynamic sitemaps, and Core Web Vitals optimization to achieve lightning-fast page loads. Integrated with Google Search Console, resulting in a 95% successful indexing rate for published news content.

- Automated Social Distribution & Bot Integration: Built automated content publishing pipelines by integrating Blotato to auto-post articles across Instagram, Facebook, Threads, and X (Twitter). Implemented a Telegram bot integration to trigger instant push notifications to official subscriber channels upon article release.
- Bilingual Localization & Scheduled Newsletters: Developed a bilingual (dual-language) localization model to serve both local and international readers. Configured automated daily morning newsletters via SMTP scheduled daily at 7:00 AM using background cron jobs.
- Linux VPS Deployment & CI/CD: Deployed the production application on a Linux Virtual Private Server (VPS) and configured an automated CI/CD pipeline, ensuring seamless version updates, rapid builds, and zero-downtime releases.

Architected and developed an automated pricing and quotation engine for a travel agency, integrating a decoupled Laravel and React architecture to streamline tour cost calculations and booking workflows.

- Decoupled Architecture & RESTful API: Designed and built a full-stack web application featuring a decoupled architecture, integrating a responsive React frontend with a scalable Laravel backend via structured, secure RESTful APIs.
- Spreadsheet Analysis & Master Data Migration: Analyzed raw, multi-format operational spreadsheets and converted 100% of legacy Excel records into normalized relational database schemas covering master data for hotels, tour guides, fleet vehicles, and tour destinations.
- Automated Pricing & Currency Calculation Engine: Engineered a specialized pricing engine that automates 100% of tour cost calculations, eliminating manual errors through dynamic foreign currency-to-Rupiah (IDR) conversion and configurable profit markup logic.
- Text-to-Quotation to Form Automation: Developed a custom Input based text that parses unstructured text inputs to automatically generate formatted quotation records in form, significantly accelerating quotation creation time and operational efficiency.

Web Developer Intern | Redsystem **Agustus 2025 – November 2025**

- System Architecture & Design: Authored 100% of the comprehensive technical system documentation by developing Unified Modeling Language (UML) diagrams, Use Cases, and Entity-Relationship Diagrams (ERD) to serve as a clear implementation blueprint for developers.
- Technical Documentation & Handover: Collaborated with the team to design, structure, and deliver nearly 50 detailed user manual guidebooks, ensuring smooth operational handovers and clear, step-by-step system guidelines for diverse end-users.
- Quality Assurance & Requirement Verification: Conducted systematic and rigorous website functional checks, executing quality assurance testing in strict alignment with specific client directives and project checklists to identify, track, and successfully resolve system bugs before final deployment.

Sales & Marketing Intern | PT Telkom Indonesia **Januari 2021 – April 2021**

- Customer Acquisition & Lead Management: Pitched and promoted Telkom's internet and digital product packages to a targeted consumer pipeline of approximately 100 potential leads, delivering persuasive presentations to drive brand adoption.
- Pipeline Engagement & Objection Handling: Managed end-to-end customer relationships by executing structured follow-ups, resolving product inquiries, and handling consumer objections to maintain a healthy sales pipeline.
- Deal Closure & Conversion Success: Demonstrated strong communication and negotiation skills by successfully converting leads, securing a 25% closing rate from the managed prospect pool into successful subscription agreements.

SKILLS & COMPETENCIES

Programming Languages

PHP,Javascript, C++, Python, SQL

Frameworks & Libraries

Laravel, Express.js, Tkinter, React, MySQL

Tools

Git, GitHub, Postman, VS Code, Capcut, Adobe Premiere Pro

Soft Skills

Problem-solving, teamwork, communication, time management

CERTIFICATION

Certified Network Administrator (CNA) **September 2024**
Badan Nasional Sertifikasi Profesi (BNSP) – LSP Informatika

Certificate in Python Programming Associate **September 2025**
Logical Operations

Certificate in Microcontroller Programming Associate **September 2025**
Logical Operations

Web Developer Certification **February 2026**
Bisma Informatika

Academy Graduate - Cloud Foundations - Training Badge **January 2025**
Amazon Web Services (AWS)

EDUCATION

Bachelor of Computer Science - ITB Stikom Bali **2022 - 2026**
Major in Computer System.

Vocational High School - SMK NEGERI 1 DENPASAR **2019 - 2022**
Computer and Network Engineering

ADDITIONAL INFORMATION

- **Languages:**
  - Indonesia : Native
  - English
- **Student Organization Experience**
  - Head of Logistics, Charity Night Event 2024
  - Security Team, Japanese Festival (JFest) 2024
  - Programmer Member, Student Activity Unit (UKM Progress), 2023–2024