MUH. RIZKY SARIA

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SUMMARY

Computer Science graduate from Sam Ratulangi University with experience in PHP, Laravel, MySQL, and web application development. Passionate about software engineering, backend development, and software architecture, with a strong interest in building scalable and maintainable applications.

EDUCATION

Bachelor of Computer Science *July 2021 - Mei 2026*

University of Sam Ratulangi Manado (Unsrat)

- Final GPA: 3.65/4.0
- Thesis: “LamdaPHP: A PHP-Based Small-Scale Web Application Framework with Real-Time Data Rendering Features”.
- Relevant Coursework: Software Engineering, Object-Oriented Programming, Data Structures & Algorithms, Web Programming, Database Systems, Software Architecture, and Design Patterns.

ORGANIZATIONAL EXPERIENCE

Lead Web Developer | KKT (Kuliah Kerja Terpadu) Unsrat *Nov 2024 - Des 2024*

- Developed and deployed a village profile and resident data management web application for community service program.
- Served as sole developer and project lead, handling full-stack implementation independently.
- Used the project as a foundation for further independent web development beyond the program.

PROJECTS

Academic Project

- Online Library Web Application (Built from Scratch) | 2023
- Village Information System (Academic & Client Project) | 2025
- LamdaPHP – PHP Lightweight Framework (Final Project) | 2025–2026

Personal Project

- Pucuk Pena – Online Book Sharing Platform (Built from Scratch) | 2023
- Attendance Management System | 2024
- Kema Fish – E-Commerce Website for Family Business | 2024
- Kema3Jaga4 – Custom Resident Management System | 2024
- My Cashier – Point of Sale (POS) System for Family Business | 2026
- QuizzAct – AI-Powered Quiz Generation Platform | 2026

WORK EXPERIENCE

Web Developer Intern – IT in Poltekkes Kemenkes Manado *Sept 2025 – Nov 2025*

- Developed a web-based recruitment and internship management system using Laravel and MySQL.
- Designed and implemented backend functionality, database structures, and administrative features.

- Deployed and maintained the application on the institution's Linux server through SSH-based remote administration.
- Participated in system testing, deployment, and post-deployment support.

Freelance Web Developer – Poltekkes Kemenkes Manado *April 2026*

- *Developed a web-based official travel management system (PANGI) using Laravel and SQLite.*
- Implemented role-based access control, travel request management, and approval workflows.
- Designed database schemas and backend functionalities to support administrative processes.
- Collaborated with stakeholders to gather requirements and deliver solutions aligned with institutional workflows.

CERTIFICATIONS

- Internship Certificate – IT Department, Poltekkes Kemenkes Manado | 2025

SKILLS

PHP, Laravel, JavaScript, MySQL, SQLite, Git, Linux, SSH, REST APIs, Object-Oriented Programming (OOP), MVC Architecture, Design Patterns, Software Architecture, Database Design, Docker.