

MUHAMMAD KEN IZZULHAQ

Laravel Specialist | Software Engineer | Optimized Web Apps

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PROFESSIONAL SUMMARY

I am a **Software Engineer** with over 2 years of experience in building scalable web applications using **Laravel**. I have spent my time developing complex school management systems, government licensing platforms, and high-traffic Discord integrations. I am really into database optimization, API design, and i am very comfortable deploying to Linux environments mostly because linux is my daily OS.

WORK EXPERIENCE

Software Engineer, CV Technobit Indonesia

February 2025 – Present

- Building and scaling [SIMTARU](#) using Laravel, focusing on digitizing complex government level spatial planning and licensing. Cuts the time required by up to 50%.
- Integrating various external government APIs ([SIMPADU](#)) with the core system to ensure all spatial data remains synchronized across departments.
- Modernizing internal office workflows by digitizing manual processes, including scheduling, permitting, and patrol monitoring systems ([ARUNIKA](#)).

Lead Developer, Averroes Insan Mulia

November 2023 – Present

- Architected a comprehensive [School Management System](#) covering modules for Principals, Finance, Facilities, Students, and Parents. Minimize human error by 90%
- Automated financial tracking and transaction synchronization, significantly reducing manual bookkeeping errors for the treasurer.
- Developed a specialized management app for the [Imam Muda](#) program, **improving management efficiency by 95%** by replacing problematic manual Google Forms systems.
- Pioneered the school's digital infrastructure by implementing the first online web systems, VPS management, and dedicated hosting.

Full-Stack Developer Intern, Sidigs

August 2024 – January 2025

- Developed an **E-Library feature** in [SIDIGS](#) capable of managing thousands of book records, tracking loans, and generating periodic audit reports. Increase efficiency and time by 80%
- Built a digital monitoring system for Islamic boarding schools (*Pesantren*) to track student data and Quranic memorization (*Hafalan*) progress.
- Created **e-BK** (Electronic Counseling) for student-counselor consultations and **e-Clinic** for accurate medical record tracking of students.

Junior Web Developer, Syabab Studio

October 2023 – August 2024

- Successfully **sliced 3 professional website designs** from UI/UX mockups into responsive, high-fidelity web components.
- Collaborated with the development team to ensure pixel-perfect implementation and cross-browser compatibility.
- Delivered production-ready code that was **fully implemented and launched** for active clients.

- Optimized frontend assets to ensure fast loading speeds and smooth user interactions.

EDUCATION

Software Engineering (RPL).
SMK Averroes Digital Islamic School

Expected Graduation: 2026

SKILLS

- **Programming Languages:** PHP (Advanced), JavaScript (ES6+), TypeScript, SQL.
- **Backend & Frameworks:** Laravel (Advanced), Node.js, Bun, RESTful API Design, WebSockets, MVC Architecture.
- **Frontend & UI:** HTML5, CSS3, Tailwind CSS, Bootstrap.
- **Databases & Caching:** MySQL, PostgreSQL, Redis (Caching & Queue), Database Schema Optimization.
- **Infrastructure & DevOps:** Linux System Administration (daily Linux user), VPS Management, Pterodactyl Panel & Wings (Installation & Maintenance), Nginx Configuration, Reverse Proxy, SSL/TLS (Certbot), Docker (Basic Containerization).
- **Tools & Practices:** Git/GitHub, CI/CD (GitHub Actions), Postman, Shell Scripting, Pterodactyl API, Performance Monitoring.

PERSONAL PROJECTS

[Kythia | Discord All In One Bot](#)

2025-2026

- Developing an advanced Discord bot that has scaled up to **76000** active users.
- Refactored the core logic into a dedicated TypeScript library (**kythia-core**) for better modularity and performance.
- Implementing multi-language support and seeking official Discord verification.

CERTIFICATIONS

- **Microsoft 365 Copilot Fundamentals** – seekMAX Originals (Feb 2025)
- **English Proficiency Certification** – ZenLEAP (Feb 2025)
- **Advanced Microsoft Excel for Data Management** – JobStreet Career Hub (Feb 2025)