RADEN MUHAMMAD KAHFI ALBAIHAQI SUWARTO

INFORMATION TECHNOLOGY STUDENT

https://github.com/ka18aihaqi

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PROFILE SUMMARY

Final-year Information Technology student with hands-on experience in web development and backend engineering. Proficient in Laravel, RESTful APIs, MySQL, and network configuration. Successfully developed an inventory management system with QR code integration as a final project. Experienced as a backend developer during an internship and actively contributed to technical labs and infrastructure maintenance. Eager to apply problem-solving abilities and technical skills to real-world software engineering challenges.

PROJECTS

Inventory Application with QR Code Integration
Final Project – Telkom University
Technologies: Laravel, MySQL, JavaScript, QR Code

Designed and developed a web-based inventory management system for the Informatics Laboratory. The system supports asset input, allocation, and tracking through QR code integration. Responsible for system design, backend and frontend implementation, and functional testing.

Live Demo: informaticslabstelu.com

Conference File Website
Back-End Developer – Internship at Humic
Technologies: Laravel, REST API, MySQL

Worked as a backend developer for a conference document management platform. Developed secure REST APIs for user management, file submission, and notification handling. Ensured proper data flow and access control throughout the submission and publication processes.

Github: https://github.com/ka18aihaqi/website-berkas-conference

WORK EXPERIENCE

Back-End Developer (Internship)   Feb 2025 – May 2025 | Remote
Human Centric Engineering (Humic)
- Built and maintained back-end features for a conference documentation web application using Laravel.
- Developed RESTful APIs for file submission, user management, and automated notifications.
- Collaborated with a cross-functional team to ensure seamless integration with the frontend.

Practicum Assistant – Data Structure   Aug 2023 – Jun 2024 | Bandung, Indonesia
Telkom University
- Supervised lab sessions and guided students in implementing data structures and algorithms using C/C++.
- Assisted lecturers in preparing practical materials and grading assignments.
- Helped students troubleshoot programming errors and optimize their code.

Technical Intern – Fiber Optic Division   Jul 2024 – Aug 2024 | Bogor, Indonesia
PT. Voksel Electric Tbk.

- Assisted in monitoring fiber optic cable production processes and testing fiber quality.
- Supported documentation and analysis of fiber optic system performance.
- Gained practical exposure to the manufacturing and deployment of telecommunication infrastructure.

Intern – Network and Hardware Support   Jan, 2020 - Mar, 20204
Indramayu State Polytechnic

- Conducted network configuration and basic troubleshooting for campus infrastructure.
- Performed hardware diagnostics, maintenance, and software installations on lab computers.
- Assisted in maintaining network connectivity and technical support across departments.

EDUCATION

2021 – Present

Telkom University – Bandung, Indonesia

Bachelor of Information Technology

GPA: 3.67 / 4.00 (as of May 2025)

- Relevant Coursework: Web Development, Network Security, Software Engineering, Database Systems, Data Structures
- Final Project: Design and Development of an Inventory Application with QR Code Integration in the Informatics Laboratory

2018 - 2021

SMK PGRI Jatibarang – Indramayu, Indonesia

Vocational High School – Computer and Network Engineering

- Focused on computer hardware, basic networking, system troubleshooting, and IT support.

CERTIFICATES

Google IT Support Professional Certificate

Studied the fundamentals of IT support, including troubleshooting, customer service, networking, operating systems, system administration, and security.