RADEN MUHAMMAD KAHFI ALBAIHAQI SUWARTO

INFORMATION TECHNOLOGY STUDENT

https://ka18aihaqi.github.io/portfolio-website/

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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 IT infrastructure. Successfully developed an inventory management system with QR code integration as a final project. Experienced as a backend developer during an internship. Eager to apply problem-solving abilities and technical skills to real-world IT challenges.

PROJECTS

Inventory Website 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.

Github: https://github.com/ka18aihaqi/informatics-lab-inventory

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

Evidence Testing Matrix Website
Full-Stack Developer – Freelance Project for Client
Technologies: Laravel, MySQL, Tailwind CSS

Developed a web application for managing and evaluating digital forensic evidence testing. The system includes features such as data input for examination points, testing methods, and evidence types, as well as interactive matrix generation for visual analysis. Responsible for both frontend and backend development using Laravel Blade and Tailwind CSS for a modern UI.

Github: https://github.com/ka18aihaqi/matriks-uji-bukti

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.

EDUCATION

2021 – Present

Telkom University – Bandung, Indonesia

Bachelor of Information Technology

GPA: 3.67 / 4.00 (as of June 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

ORGANIZATIONS

Information Technology Student Association (HMIT)   May 2023 – Feb 2024

Staff – Interest and Talent Division

Assisted in organizing talent development events and student interest programs within the IT department. Collaborated with a small team to plan competitions, coordinate internal activities, and promote student engagement.

CERTIFICATES

Google IT Support Professional Certificate

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