

RADEN MUHAMMAD KAHFI ALBAIHAQI SUWARTO

INFORMATION TECHNOLOGY GRADUATE

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

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PROFILE SUMMARY

Information Technology graduate with experience in web development, backend engineering, and network engineering. Skilled in Express.js, Laravel, RESTful APIs, MySQL, and IT infrastructure. Passionate about applying problem-solving and technical skills to real-world IT challenges.

PROJECTS

Development of a Web-Based 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.

Github: https://github.com/ka18aihaqi/iflab_inventory

Development of Internal Backend Services at Humic

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 and file submission. Ensured proper data flow and access control throughout the submission and publication processes.

GitHub: *Repository available upon request (confidential project).*

Development of a Web-Based Application for the Ministry of Finance

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: *Repository available upon request (confidential project).*

WORK EXPERIENCE

Fullstack Developer (Freelance)

Jan 2025 – Present | Bandung, Indonesia

Various Clients

- Designed and developed custom web applications tailored to client requirements.
- Implemented authentication, user management, and interactive dashboards to enhance usability.
- Deployed and maintained applications, ensuring performance, data accuracy, and security compliance.

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 and user management.
- Collaborated with a cross-functional team to ensure seamless integration with the frontend.

Practicum Assistant – Data Structure

Jun 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: 3.68 / 4.00

- 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

Golang: Backend Development

Trained in backend development with Go, including RESTful API, CRUD operations, database integration, and authentication.

Google IT Support Professional Certificate

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