

Raka Iskandar

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Summary

Fullstack developer with a background in Computer Science and 3+ years of experience building scalable end-to-end software solutions using Laravel, React, and Next.js. Proven track record in delivering AI-integrated platforms, including LLM-based automated evaluation systems. Successfully led engineering projects that increased evaluation time efficiency by 60% and projects that handled high-traffic systems through security optimization and clean code architecture. Skilled in cross-functional collaboration to create systems that have a tangible impact on user retention and satisfaction.

Education

Universitas Pendidikan Indonesia

Bachelor of Education, Computer Science Education

Bandung, Indonesia

July 2023 – Present

- **GPA:** 3.91/4.00
- **Achievements:** Finalist LIDM Divisi ITDP (2025)

SMK Negeri 4 Bandung

Vocational School Diploma, Software Engineering Major

Bandung, Indonesia

July 2020 – July 2023

- **GPA:** 87/100
- **Achievements:** Outstanding Student SMKN 4 Bandung (2023), 1st place Turnamen Sains Data Nasional Student Category (2023), 2nd place Programming Contest AE-FEST (2022)

Work Experience

Ekuitas University

IT Intern

Remote

July – September 2025

1. Collaborated in a cross-functional team of four to develop a secure and scalable university landing page using Laravel and Tailwind CSS.
2. Implemented robust security protocols to protect the platform against common web vulnerabilities and ensure stable performance during high-traffic periods.
3. Created a dynamic Content Management System (CMS) allowing administrators to update university information, news, and academic schedules efficiently.

Universitas Pendidikan Indonesia

Assistant Practicum

Bandung, Indonesia

September 2024 – June 2025

1. Led and mentored 40+ students per session across three core curriculum subjects: Algorithm & Programming, Data Structures, and Database Systems.
2. Engineered technical assignments covering advanced concepts including Functions & Procedures, Linked Lists & Graphs, and Database languages (DDL, DML, DQL, DCL).
3. Evaluated student performance through rigorous practical exams, contributing up to 20% toward final academic grades.

Wastehub

Backend Developer

Remote

September – December 2023

1. Part of Capstone Project Industry Partner Generasi GIGIH 3.0. Spearheaded the development of a robust RESTful API to power the Banjar Wastehub Apps, providing seamless communication between the frontend and backend systems.
2. Collaboration with cross-functional teams, including frontend developers, mobile developers, and data analysts, to thoroughly understand project requirements and ensure seamless alignment with overall development goals.

3. Engineered robust data modeling to accurately represent business entities and their relationships, ensuring a cohesive and logical database structure that fully supports the functionalities of the Banjar Wastehub Apps.

GoTo Impact Foundation

Remote

Full Stack Engineer

June – December 2023

1. Selected as one of the 445 participants from 5257 registrants for Generasi GIGIH 3.0. Generasi GIGIH is designed by YABB & GoTo as a solution for young tech talents to keep up with the fast-growing technology industry.
2. Acquired in-depth experience and knowledge in the MERN (MongoDB, Express, React, Node.js) stack and software architecture, significantly enhancing technical expertise.
3. Refined soft skills and advanced English proficiency through effective courses and collaboration within a diverse team environment.

Rupbasan Kelas 1 Bandung

Bandung, Indonesia

Software Engineer Intern

April – July 2022

1. Led and architected webapp file management for company efficiency performance named Rubabox with 2 member team using modern tools such as Laravel and Bootstrap.
2. Improved 5% performance and fixed webapp for guest book in Rupbasan Kelas 1 Bandung.

Projects

Analisis

November – December 2025

Side Project

- Led the engineering of a evaluation learning question application, architecting a decoupled system using Next.js for the frontend and Laravel for the backend.
- Integrated Google Gemini LLM to automate data analysis, reducing evaluation time by 60% and enabling natural language interactions for users.

Ekuitas Web | <https://ekuitas.ac.id/>

July – September 2025

Work Project

- Collaborated in a team of four to build a secure and scalable university landing page using Laravel and Tailwind, focusing on robust security measures to handle high user traffic and secure from attacker.

Geats | <https://github.com/codeyzyx/geats>

January 2024

Side Project

- Developed the mobile user interface using Flutter with 3 people for a food sustainability platform, focusing on features like nutritional analysis, diet planning, and food waste redistribution.
- Integrated RESTful APIs to fetch and display real-time calorie and nutrient information, ensuring smooth data presentation for the "Nutritional Analysis" module.

Wastehub API | <https://wastehub-api-specs.vercel.app/>

September – December 2023

Work Project

- Engineered with 5 people a robust RESTful API using Express.js and MongoDB for the "Banjar Wastehub" capstone project, facilitating seamless communication between mobile clients and the server.
- Designed complex data models to handle waste management logistics, contributing to the project's selection in the Generasi GIGIH 3.0 industry partner program.

Skills

Language & Framework: Python, Javascript (ES6), Typescript, Java, C/C++, Dart, Laravel, React, Next.js, React Native, Flutter, Expo, Django, FastAPI, Express, Node.js

Database: MySQL, PostgreSQL, MongoDB, Firebase, Supabase

Tools: Git, Docker