

RAFAEL A. C. MANURUNG

Toba, Indonesia | +62 85282712734 | rafaelmanurung80@gmail.com
<https://github.com/rafaelchr> | <https://www.linkedin.com/in/rafael-manurung>

Enthusiastic Informatics Engineering graduate with a strong passion for backend software development. Has internship experience of less than a year in software development and eager to grow as a Software Engineer by building reliable and scalable systems.

EDUCATION

Institut Teknologi Del

North Sumatera, Aug 2021 – Aug 2025

IPK 3.66 of 4.00

- Main subjects – Basic Programming, Software Engineering, Object Oriented Programming, Database, Algorithms and Data Structures, Operating System, Artificial Intelligence, Website-based Application Development, and Mobile Application development.

WORK EXPERIENCE

Intern Programmer, PT Mandiri Inti Perkasa

South Jakarta, Sep 2024 – Dec 2024

- Contributed to rebuilding the Sisakty web application using Laravel, replacing the previous Native PHP technology.
- Collaborated with the company's team to ensure the system meets the requirements.
- Developed features to support the Safety team, such as employee management, mine permit creation, and other modules that enhance operational efficiency and workplace safety.

Intern Programmer, Kospin Dana Arta Mandiri

South Jakarta, Jun 2024 – Aug 2024

- Developed a Savings and Loan web application for administrative purposes at Dana Arta Company using Code Igniter.
- Built core features such as loan creation, savings deposits, new member registration, payment processing, and financial report generation.
- Ensured the system was effectively utilized in cooperative operations, improving efficiency and accuracy in financial administration.

ORGANIZATIONAL EXPERIENCE

Vice Head of Research and Technology Division, HIMASTI

North Sumatera, Sep 2023 – Jun 2024

- Assisted the Head of Technology in managing all technological aspects of the organization, including supporting the development and maintenance of the official website.
- Helped coordinate and facilitate technology-focused webinars to promote knowledge sharing and professional development among IT students, particularly HIMASTI (Himpunan Mahasiswa Sarjana Informatika) members.
- Collaborated with companies alongside the Head of Technology to organize webinars aimed at enhancing IT students' understanding of current technologies.

Member of Education Division, HIMASTI

North Sumatera, Sep 2022 – Jun 2023

- Created and distributed comprehensive learning materials and tutorials to help first-year Informatics students adapt to academic and technical challenges.
- Assisted in mentoring sessions and peer-learning activities, guiding students to strengthen their foundational understanding of programming concepts and computer science principles.

PROJECTS

Movie Rating Platform

North Sumatera, Aug 2025 – Oct 2025

- Developed an interactive movie rating platform that allows users to browse, rate, and review films.
- Built an users view and admin panel using NextJs with Shadcn UI, focusing on consuming RESTful APIs for content management.
- Developed the backend using Java Spring Boot, implementing secure authentication and structured REST APIs for efficient data handling.

Levelearn – Gamified Digital Learning Application

North Sumatera, Jan 2025 – Jun 2025

- Developed an e-learning application incorporating gamification to enhance user engagement and learning experience.
- Built an admin panel for administrators and instructors to manage learning content using ReactJs (Vite).
- Built and maintained the backend (REST API) system using Express (NodeJs) to enable seamless communication between the application and the database, ensuring efficient data management and processing.

CERTIFICATIONS

TOEFL ITP

Score 480 – Intermediate Level

Dicoding Indonesia

Intermediate Web Developer

LANGUAGES AND SKILLS

Language

Bahasa Indonesia (Native), English (Limited Working Proficiency)

Hard Skills

Laravel (PHP), ReactJs, ExpressJs (NodeJs), Java SpringBoot, MySQL, PostgreSQL, Android (Kotlin)

Tools

Git, GitHub, Docker, Postman.

Soft Skills

Communication, Teamwork, Time Management, Creativity, Professional Ethics, Adaptation, Problem Solving