

AHMAD SYAH LUBIS

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Information Systems graduate from Universitas Potensi Utama with a 3.9 GPA, with a strong interest and experience in web-based application and backend development. Currently serving as a Backend Developer at the Communication and Informatics Office of North Sumatra Province, responsible for API development for the Superrapp application covering the tourism, cultural heritage, and event calendar modules across North Sumatra Province. Previously worked as a freelance Full Stack Web Developer with the WOKA (Work Assistant) project team, developing various information systems and websites using Laravel, Vue.js, Tailwind CSS, JavaScript, Vite, and MySQL, covering the full cycle from requirements analysis, UML design, and feature development to deployment and maintenance. Also gained experience as a Software Programmer & IT Support during the MagangHub Batch 3 internship program at PTPN IV Regional 1, involved in internal application development, system monitoring, hardware and network troubleshooting, and IT operational support. Accustomed to working collaboratively in a team, with strong analytical and problem-solving skills, and able to adapt quickly to a dynamic, technology-driven work environment.

EDUCATION

Universitas Potensi Utama - Medan, Indonesia

Sep 2021 - Aug 2025

Bachelor's Degree in Information Systems, GPA 3.9/4.0

EXPERIENCE

Backend Developer

Jul 2026 – Present

Communication and Informatics Office of North Sumatra Province — Medan, Indonesia

Responsible for developing the Superrapp application, focusing on API development for the tourism, cultural heritage, and event calendar modules across North Sumatra Province.

- Developed and maintained APIs for the tourism, cultural heritage, and event calendar modules of the Superrapp application
- Designed data structures and API endpoints according to Superrapp integration requirements
- Performed API testing and debugging to ensure system performance and reliability
- Collaborated with other development teams within the Communication and Informatics Office of North Sumatra Province
- Implemented a nearby-search feature using Redis Geospatial Index (GEOADD, GEOSEARCH) for real-time proximity search from the user's GPS coordinates, covering tourism destinations, cultural heritage sites, culinary/restaurant, transportation, and event calendar modules

Full Stack Web Developer – WOKA (Work Assistant)

Feb 2025 – Present

Freelance Web Development — Medan, Indonesia

Worked as a freelance web developer within a collaborative team under the WOKA (Work Assistant) project, delivering multiple client website development projects over a 9-month period. Responsible for the end-to-end development process, from initial planning through deployment.

- Conducted user and business requirements analysis
- Designed UML diagrams (Use Case, Activity, Sequence, Class)
- Created wireframes and UI prototypes for system visualization
- Developed web applications using Laravel, PHP, JavaScript, Vite, Tailwind CSS, and MySQL
- Implemented responsive UI and database logic according to client requirements
- Handled the writing of the related undergraduate thesis paper, including system documentation and technical reports
- Collaborated with the team to ensure projects were completed on time and to a high standard of quality
- Performed bug fixes, revisions, and basic system documentation

Software Programmer & IT Support

Dec 2025 – Jun 2026

Internship – PTPN IV Regional 1 (Kemnaker MagangHub Batch 3 Program)

Worked as an intern through the Kemnaker MagangHub Batch 3 program at PTPN IV Regional 1, focusing on internal application development and the company's IT operational support.

- Supported the development and maintenance of internal web-based applications
- Assisted with system requirements analysis and documentation
- Implemented application features and performed bug fixes
- Performed application testing to ensure the system ran smoothly
- Provided IT support to users (software & hardware troubleshooting)
- Carried out system installation, configuration, and maintenance
- Collaborated with internal teams to resolve technical issues

PROJECTS

• Intern Project

Zoom Monitor Website | Laravel 11, PHP, Livewire 4, Alpine.js, Tailwind CSS 4, Vite 7, Axios

- Reduced Zoom meeting creation time from 3-4 minutes (manual process via the Zoom website) to under 1 minute, improving efficiency by approximately 75%
- Built cross-account availability check logic to detect which Zoom accounts are free at a given time, a feature not provided by the official Zoom platform
- Developed centralized schedule monitoring and meeting history tracking for all registered Zoom accounts
- Integrated cloud recording storage from all Zoom accounts into a single centralized dashboard
- Designed a recurring meeting feature with a simpler, more user-friendly creation flow compared to Zoom's built-in feature

Link: <https://ptpn3.co.id/zoom-monitor>

Smart Book Website | Laravel 11, PHP, Alpine.js, Tailwind CSS 3, Vite 5, Axios

Link: <https://ptpn3.co.id/smart-book>

CERTIFICATIONS

- BNSP: Assistant Web Developer
- Python (Dicoding): Basic to intermediate Python programming concepts.
- Data Science (Dicoding): Statistics, data processing, visualization, machine learning, and deployment.
- Multimatics: Database Course – ITS.
- Briton English Education: TOEFL Score 450.
- Structured Query Language (SQL): Database fundamentals, data manipulation, and query optimization.

SKILLS

Hard Skills: Laravel, Tailwind CSS, Vue.js, Vite, JavaScript, Axios, REST API Development, JSON, MySQL, Laragon, HTML, CSS, Docker, PostgreSQL, Redis, Flutter, Go.

Soft Skills: Strong communication skills, personable, confident, persuasive, critical thinking, adaptable, good time management, teamwork, basic analytical skills, passive English proficiency