

AURELIO LUCIO LIE

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Medan, Indonesia

Full Stack Developer with hands-on experience in web development and a strong focus on front-end technologies. Skilled in crafting responsive, high-quality user interfaces using React.js, Next.js, and Tailwind CSS, while also experienced with JavaScript-based backend development including Express.js and MySQL. Dedicated to building web experiences that are both functional and visually engaging. Highly motivated to grow through real-world challenges, contribute to impactful projects, and stay at the forefront of modern web development.

Work Experiences

RSUD Dr. Pirngadi Kota Medan - Kota Medan, North Sumatra, Indonesia

Mar 2025 – Aug 2025

Web Developer

- Developed a company profile website to enhance the hospital's digital presence and accessibility.
- Built the backend system for an intern attendance (Co-Assistant) website using modern web technologies.
- Assisted in hardware setup and driver installation, including printer configuration and maintenance.
- Supported administrative tasks such as document formatting, data entry, and presentation preparation using Word, Excel, and PowerPoint.

PT. Lifelong Learning (Multimatics) – South Jakarta, Indonesia

Sep 2024 – Dec 2024

Data Management

- Developed an ETL (Extract, Transform, Load) workflow and visualizations using Orange Data Mining for analytics reporting.
- Created Kafka learning materials including syllabus, presentation, and practical labs on Linux VM.
- Built an HR decision-support web app to analyze employee retention, presented to Bank Indonesia.
- Assisted as mentor in Professional Machine Learning Engineer class, guiding participants through lab sessions.
- Developed a diabetes prediction web app using the Pima Indians Diabetes dataset (Flask + Python).
- Built a landing page for data bootcamp and designed syllabi for analytics-related courses.
- Created interactive dashboards in Power BI for sales and banking insights.

Education Level

Universitas Prima Indonesia - Medan, Indonesia

Aug 2022 - Present

Bachelor of Informatics Engineering, 7th Semester

GPA: 3.90 / 4.00

Relevant Coursework: Algorithms and Programming, Database Modeling, Object-Oriented Programming, Business Analytics, Deep Learning, Computer Vision, Data Mining, Full Stack Web Development.

Organizational Experience

Google Developer Student Club (GDSC) Universitas Mikroskil - Medan, Indonesia

Dec 2023 – Oct 2024

Member

Google Developer Student Clubs (GDSC) are university-based communities powered by Google Developers, aimed at helping students grow their knowledge in technology and development. Members collaborate on real-world projects, share learning through workshops, and build solutions that make a local impact using Google technologies.

- Participated in workshops on Google technologies and collaborated on team projects.

Projects

Hospital Learning Management System (LMS) Royal Prima Hospital

Dec 2025 – Feb 2026

Universitas Prima Indonesia

- Developed and implemented a web-based Learning Management System (LMS) to support training and educational programs for hospital staff.
- Collaborated with a teammate to analyze requirements and implement system features based on requests from hospital stakeholders.
- Developed and updated modules related to doctor training and learning management within the system.
- Deployed the application to a VPS server and configured the production environment.
- Maintained server stability and monitored system performance after deployment.
- Performed ongoing system updates and improvements to support operational needs and user feedback.

Company Profile Royal Clinic

Sep 2025 – Oct 2025

Universitas Prima Indonesia

- Developed a company profile and health education platform for Royal Klinik, serving as both a dynamic website and a public health dashboard.
- Built the frontend using Next.js and Tailwind CSS, ensuring responsive design and smooth user experience.
- Designed and implemented a custom RESTful API (Express JS) for managing dynamic content and data visualization.
- Focused on accessibility, scalability, and ease of content management for the clinic's internal team.

Company Profile Gerindra Humbahas

Feb 2025 – May 2025

Self Employed

- Built the frontend with Laravel Blade and Tailwind CSS, creating reusable, maintainable view components.
- Integrated views with Laravel controllers, ensuring clean data flow and maintainable templates.
- Implemented responsive layouts and clear content hierarchy to improve readability and UX.
- Optimized load and rendering performance across devices.

Company Profile Pirngadi Training Center (PTC)

Feb 2025 – Apr 2025

RSUD Dr. Pirngadi Kota Medan

- Built a company profile website to showcase training schedules, program info, and activity galleries.
- Developed the frontend with Next.js (SSR) and Tailwind CSS for responsive, accessible UI.
- Implemented RESTful APIs with Express.js and MySQL to serve dynamic content (schedules, galleries, pages).
- Structured the codebase for scalability and modularity, ensuring clean separation between frontend and backend.

Women's Diabetes Prediction Web Application

Oct 2024

PT Lifelong Learning (Multimatics)

- Developed a web application to predict diabetes risk for women using the Pima Indians Diabetes Database, with data cleaned and analyzed in Jupyter Notebook and stored in .pickle format.
- Built the backend using Flask, integrating a trained model to provide real-time risk predictions based on user input.
- Created an interactive and responsive front-end with HTML, CSS, and JavaScript, improving accessibility for users and empowering them to take proactive steps towards diabetes prevention.

Landing Page Bootcamp

Oct 2024

PT Lifelong Learning (Multimatics)

- Developed a landing page for Bootcamp programs focusing on Data Analyst, Data Science, and Data Engineer courses, aimed at providing prospective students with detailed information about class offerings, schedules, pricing, curriculum, and client testimonials.
- Built using Next.js with Zustand for state management and Chakra UI for a responsive, user-friendly design.
- Enhanced user experience with smooth scroll animations using AOS and ensured SEO optimization for better visibility.

Skills & Interest

- **Technical Skills:** HTML, CSS, JavaScript, PHP, React JS, Next JS, Laravel, Vite, Tailwind, ShadCn, Express JS, MySQL.
- **Soft Skills:** Fast Learner, Discipline, Communicative, Easy to Adapt, Teamwork.
- **Language:** Indonesia (native), English (Intermediate).
- **Tools:** Visual Studio Code, Figma, Microsoft Office, Git, Github, Postman.

Course / Training

- Belajar Membuat Aplikasi Web dengan React - Dicoding (Jan 2025)
- Belajar Membuat Aplikasi Back-End untuk Pemula - Dicoding (Sep 2024)
- Belajar Dasar AI - Dicoding (Sep 2024)
- Cloud Practitioner Essentials (Belajar Dasar AWS Cloud) - Dicoding (Mar 2024)
- Fundamental Course Software Engineering - RevoU (Jan 2024)
- Belajar Membuat Front-End Web untuk Pemula - Dicoding (Dec 2023)
- Belajar Dasar Pemrograman Web - Dicoding (Nov 2023)
- Belajar Dasar Pemrograman JavaScript - Dicoding (Oct 2023)
- Belajar Dasar Manajemen Proyek - Dicoding (Aug 2023)
- Web Programming Fundamentals - Camp404 (Aug 2023)