

AVICENA NAUFALDO

Bekasi, Indonesia | Phone: 085155375377 | Email: avicena.n@gmail.com

SUMMARY

Bachelor's degree graduate in Information Systems from Telkom University with a strong interest in full-stack web development and technology innovation. Highly motivated, quick to adapt to new challenges, and experienced in collaborative work environments. Skilled in both frontend and backend development, and mobile application development, with active involvement in laboratory activities and industry-based projects.

EDUCATION

TELKOM UNIVERSITY (2021 – 2025)

Bachelor of Information Systems – GPA 3.91

EXPERIENCE

PT. MULTI INSTRUMENTASI (Kedaireka Program) - Bandung, Indonesia

Mobile Developer (March 2024 - December 2024)

- Collected and analyzed user and stakeholder requirements for the L-Connect application
- Designed the mobile application architecture, including creating use case diagrams, relational databases, and related components
- Developed an Android application to be used as a work tool by PDAM field officers
- Assisted the company in finding innovative solutions for water meter products

ENTERPRISE APPLICATION DEVELOPMENT LABORATORY - Bandung, Indonesia

Web Application Development Practicum Assistant (August 2024 - December 2024)

- Prepared 5 training modules on web development
- Designed presentation slides and training manuals for the sessions
- Conducted weekly practicum sessions as an instructor for 102 students over 5 weeks
- Provided direct assistance to 17 students, including monitoring progress, resolving technical issues, and evaluating performance

ENTERPRISE INTELLIGENT SYSTEMS LABORATORY - Bandung, Indonesia

Laboratory Assistant (July 2023 – August 2024)

- Conducted internal laboratory training sessions twice a month with 20 participants in each session
- Organized external laboratory training attended by 26 participants
- Prepared and delivered 4 learning modules on Intelligence Systems and Object-Oriented Programming (OOP)
- Coordinated with laboratory members, the core team, and other divisions in carrying out work programs

PROJECT

SIMPELANTAS - Web-Based Traffic Violation Ticketing System and Dashboard

(July 2025)

A web-based system developed as a final-year project to automate the detection, recording, and management of traffic violations. Built with Laravel for the backend and React for the frontend, it integrates computer vision for real-time detection, automated ticket generation, multi-channel notifications, and payment tracking, improving efficiency and transparency in law enforcement.

SPORTA - Point of Sale for Sport Retail

(December 2024)

A Point-of-Sale web application created to fulfill the BNSP Web Developer certification requirements. Developed using Laravel, it offers inventory management, transaction processing, and sales reporting in a single platform, streamlining retail operations and ensuring accurate stock control.

L-CONNECT - Mobile App for PDAM Smart Water Meter Officers

(December 2024)

An Android mobile application built with React Native and TypeScript to support PDAM officers in managing prepaid smart water meters. The app integrates Bluetooth Low Energy (BLE) for

real-time meter configuration, data retrieval, and device calibration in the field. It also earned an Intellectual Property Rights (HAKI) certificate, marking its originality and innovation in IoT-enabled utility management.

SHOTLANCE - Service Platform for Videography and Photography

(June 2024)

A web-based marketplace connecting photographers, videographers, and clients in an integrated ecosystem. Designed with Figma and developed using Laravel 10 and Tailwind CSS under a Scrum workflow, it features service management, portfolio galleries, booking workflows, and secure payment integration, empowering creative professionals with a safe and efficient transaction platform.

CERTIFICATION

- BNSP Certified Web Developer
 - Dicoding Basic Structured Query Language (SQL)
- Dicoding Basic JavaScript Programming
 - Dicoding Basic Project Management

SKILLS

Technical Skills: HTML/CSS, JavaScript, TypeScript, PHP, MySQL, Laravel, Tailwind, NodeJS, ReactJS, React Native, Docker

Language: Indonesia, English (EPrT: 560)