

LAZZUARDI SHOLEHUDDIN NURSUHUD

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SUMMARY

Computer Engineering graduate from Telkom University (2024) with experience in **software development, system integration, and data management**. Skilled in **frontend and backend development**, with expertise in **artificial intelligence**. **Improved data processing efficiency by 87.5%** in a soil stiffness measurement application by reducing processing time from 4 seconds to 0.5 seconds. Passionate about leveraging technical expertise to develop impactful software solutions.

PROFESSIONAL EXPERIENCE

Contract Software Developer – Light Weight Deflectometer Project

Ministry of Public Works and Housing (PUPR) | August - December 2024

- Developed the **frontend** and **backend** for a Light Weight Deflectometer (LWD) application to measure soil stiffness, improving data processing speed by **87.5%**.
- Implemented **real-time Bluetooth data transfer** from the LWD for seamless in-app analysis.

Laboratory Assistant – Intelligent System & Machine Learning Lab

Telkom University | March 2023 - March 2024

- Assisted in **Artificial Intelligence course practices for 50+ students**, guiding them in machine learning model implementation, ensuring a **90%+ assignment completion rate**.
- Led **study groups for 50+ students**, focusing on computer vision (**Object Detection**).

Research Assistant – Prepaid Water Meter Project (STS Tokens & Web)

Kedaireka 2023 & Regional Water Utility (PDAM) | June - December 2023

- Developed a **token generation system** for prepaid water meters using STS (Standard Transfer Specification).
- Developed the frontend and backend** for a **website** to test the token purchasing process.
- Collaborated with a **team of 25+ experts**, including members from **BRIN**, to enhance secure digital transactions in smart utilities.

IT Network Intern

PT Kereta Api Indonesia (Persero) | July - August 2023

- Designed network topology using **SolarWinds Network Application** for infrastructure monitoring.
- Conducted **network device configuration** and troubleshooting to optimize performance.
- Performed cable pulling and **crimping for 50+ meters** of network infrastructure, improving connectivity.

EDUCATION

Dibimbing

Bootcamp in Website Development | January 2025 - present

MySkill

Bootcamp in UI/UX Design | November - December 2024

Telkom University

Bachelor's Degree in Computer Engineering | **GPA : 3.79** of 4.00 | 2020 - 2024

SKILLS

Language : Bahasa Indonesia (Active), English (Passive, Intermediate)

Hard Skills : Programmer (JavaScript, React Native, React.js, Next.js, Html, CSS, Tailwind, Bootstrap, Laravel, PHP), GitHub, WordPress, Microsoft Office, Database (MySQL)

Soft Skills : Teamwork, Collaboration, Time Management, and Disciplin