



FARDANNU BIMANTARA

Web and Mobile Application Developer

MALE

Kendal, 16 May 1997

INDONESIA

Profile

Experienced in developing Web and Mobile Application projects requiring specific analysis and conceptual thinking. Fully committed to designing and continuously improving skills to always deliver user-friendly solutions. Always eager to learn more tricks and insights from anyone.

CONTACT

+62 819 153 253 94

wardannubimantara@gmail.com

Penyangkringan Village, Alley 5, RT 3/ RW 7, Weleri, Central Java, Indonesia

github.com/dannub

Shanum Art

Organizational Experience

Cadre Staff 2016-2017
Islamic Charity Organization Matholi'ul Anwar

Chairman 2017-2018
Islamic Charity Organization Matholi'ul Anwar

Education

Dian Nuswantoro University 2015-2021
Bachelor's Degree (S1) Computer Science, Department of Informatics Engineering

Work Experience

PT. Estu Lentera Indo Teknologi 2020-2025
FullStack Developer (2020-2021)
Project Manager (2021-2023)
Director (2023-2024)

Back-End Skills

Laravel ●●●●● CodeIgniter ●●●●●
Node JS ●●●●● Django ●●●●●

Front-End Skills

AJAX ●●●●● HTML ●●●●●
JQuery ●●●●● React Js ●●●●●

Database & Other Skills

Linux ●●●●● Mongo DB ●●●●●
Mikrokontroler ●●●●● SQL ●●●●●
Firebase ●●●●● Flutter ●●●●●

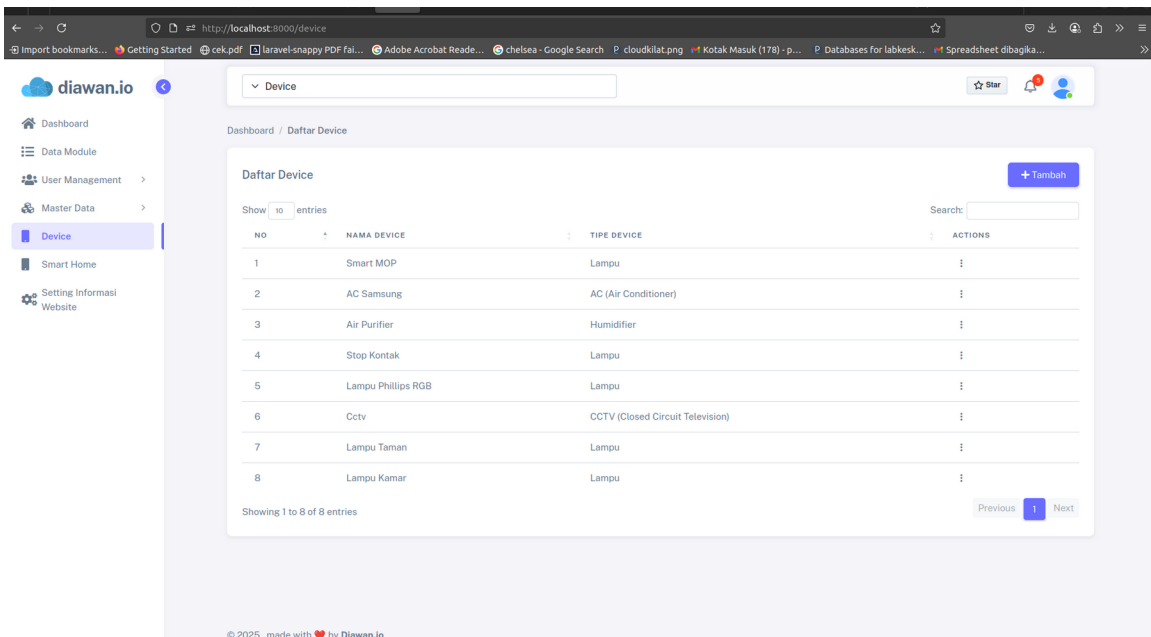
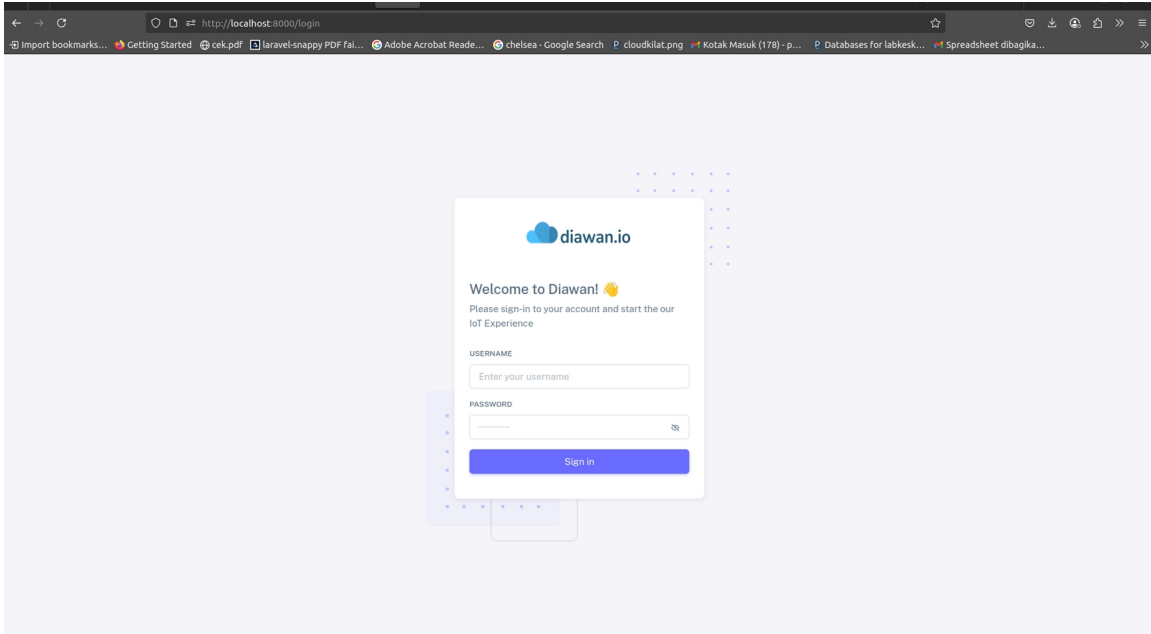
PORTOFOLIO

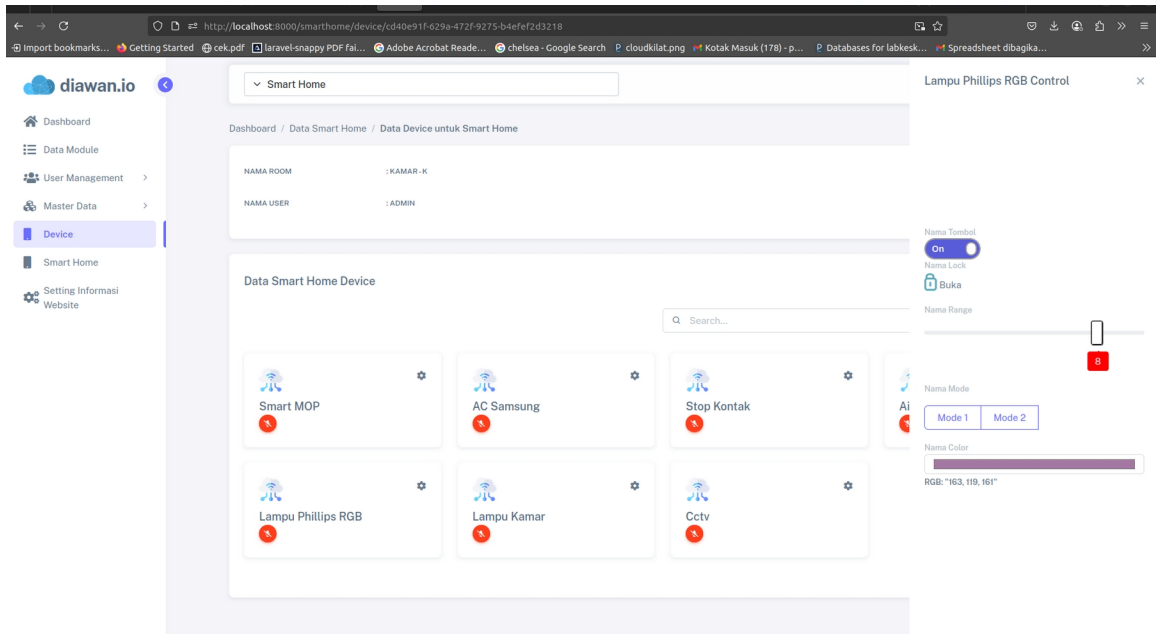
BIODATA

Full Name : Fardannu Bimantara
Place, Date of Birth : Kendal, 16 Mei 1997
Gender : Male
Address : Penyangkringan Village, Alley 5, RT 3/RW 7, Weleri, Central Java, Indonesia
Email : fardannubimantara@gmail.com
Last Education : Bachelor's Degree in Informatics Engineering - Dian Nuswantoro University (graduated 2021)

Work Experience

- **1. Smart Home Cloud System - PT Estu Lentera Indo Teknologi**
Mar 2022 - Nov 2022 | Project Manager & Back-end Developer
 - Designed a smart home system architecture based on Node.js & MQTT
 - Developed APIs for IoT device integration
 - Built a real-time monitoring dashboard

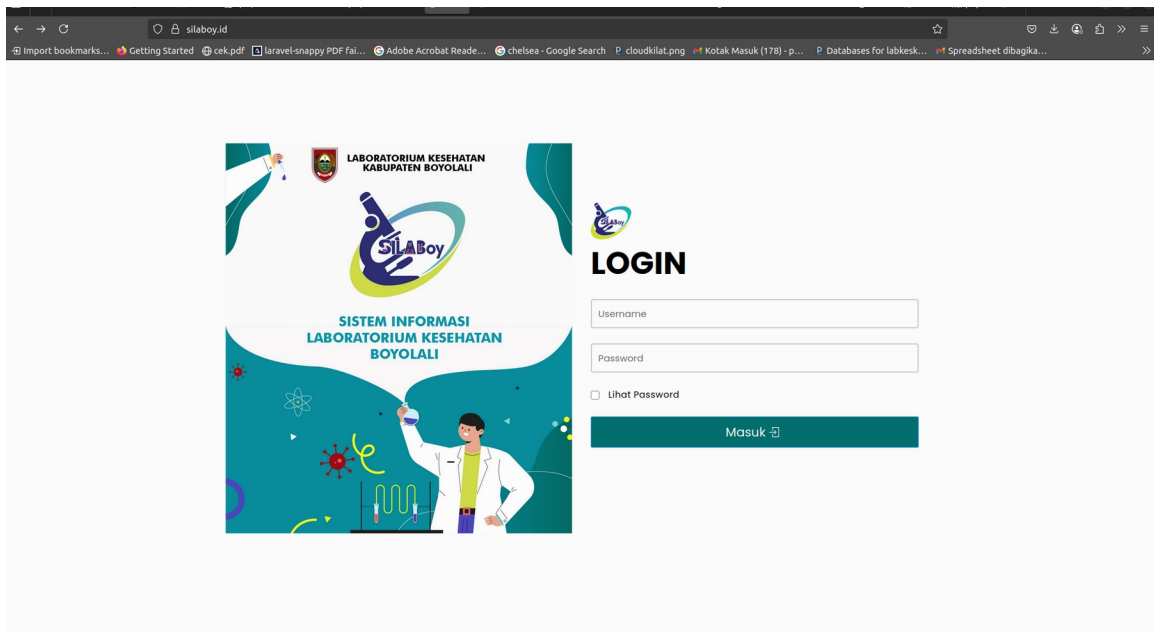




2. Laboratory Information System (Silaboy) - Boyolali Regency

Feb 2023 – Mei 2023 | Project Manager & Backend

- Managed a developer team in building a laboratory reporting system
- Integrated database and multi-level authentication



Dashboard

Beranda / Laboratorium / Permohonan Uji Management

Show 10 entries

Tambah Data +

Search:

No	Pelanggan	Pemeriksaan	No Sampel	Jenis Sample	Status	Aksi	Cetak
1	DAM Berkah Tirta	Bakteriologi Air (Membran Filter)	0963/AM- Bact/2025	Air Minum	Terbayar	Aksi	Cetak
2	PT. Es Malindo	Paket Air Minum	0498/AM- K/2025 0962/AM- Bact/2025	Air Minum	Terbayar	Aksi	Cetak
3	PT. Solo Tirta Mandiri	Bakteriologi Air (Membran Filter) Paket Fisik	0497/AM- F/2025 0961/AM- Bact/2025	Air Minum	Terbayar	Aksi	Cetak
4	PT. Es Kristal Polar	Bakteriologi Air (Membran Filter)	0960/AM- Bact/2025	Air Minum	Terbayar	Aksi	Cetak
5	PT. Bengawan Solo Garment	Bakteriologi Air (Membran Filter) Paket Air Bersih	0496/AB-K/2025 0958/AM- Bact/2025 0959/AB-Bact/2025	Air Minum Air Bersih	Cash	Aksi	Cetak
			0487/AM- F/2025 0488/AM- F/2025 0489/AM- F/2025 0490/AM- F/2025 0491/AM- F/2025 0492/AM- F/2025 0493/AM- F/2025				

Dashboard

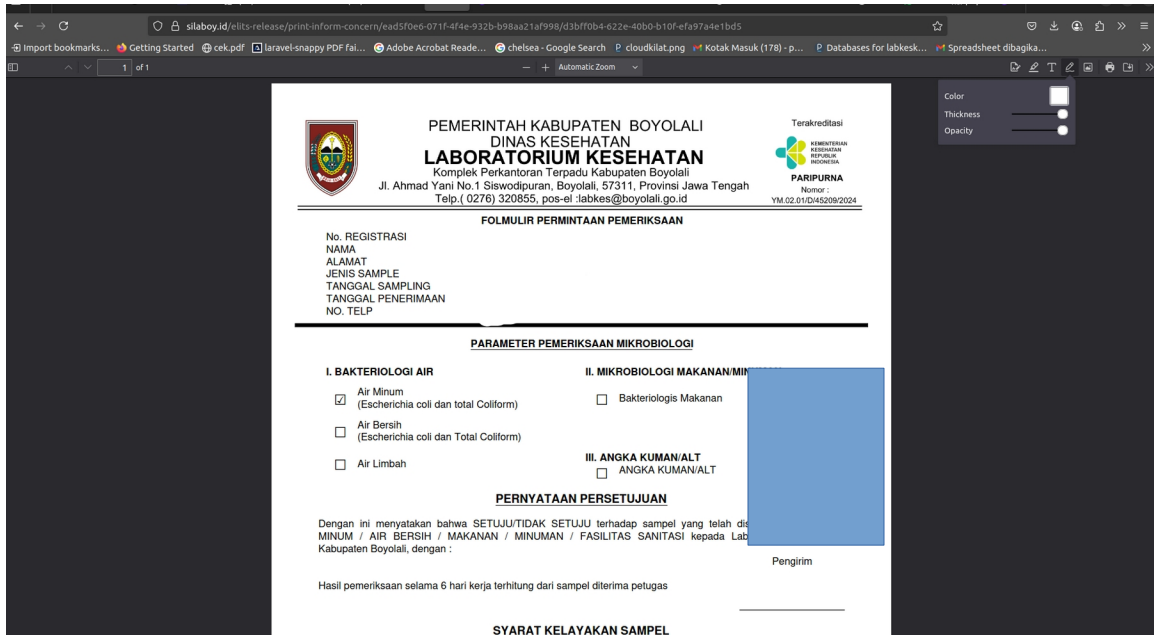
Laboratorium Mikrobiologi

Lokasi Sampel :

Parameter Mikrobiologi :
- Total Coliform (Membrane Filter) - E-Coli (Membran Filter)

Jenis Kegiatan Lab Kesmas	Tanggal Mulai / Jam	Tanggal Selesai / Jam	Nama Petugas	Action
Pendaftaran / Registrasi	2025-06-23 13:00:00	2025-06-23 13:20:00	Umi Sulistyana	<input checked="" type="checkbox"/>
Pemeriksaan / Analitik	<input type="text" value="25/06/2025 13:20"/>	<input type="text" value="26/06/2025 13:20"/>	<input type="text" value="Dinanda Paruhita"/>	<input type="button" value="Verifikasi"/>
Input / Output Hasil Px	<input type="text" value="26/06/2025 13:20"/>	<input type="text" value="26/06/2025 13:30"/>	<input type="text" value="Dinanda Paruhita"/>	<input type="button" value="Verifikasi"/> <input type="button" value="Input Hasil"/>
Verifikasi	<input type="text" value="26/06/2025 13:30"/>	<input type="text" value="26/06/2025 14:30"/>	<input type="text" value="Rita Sulistyaningih"/>	<input type="button" value="Verifikasi"/> <input type="button" value="Verifikasi Hasil"/>
Validasi	<input type="text" value="26/06/2025 14:30"/>	<input type="text" value="26/06/2025 15:30"/>	<input type="text" value="dr. Muharyati"/>	<input type="button" value="Verifikasi"/> <input type="button" value="Validasi Hasil"/>

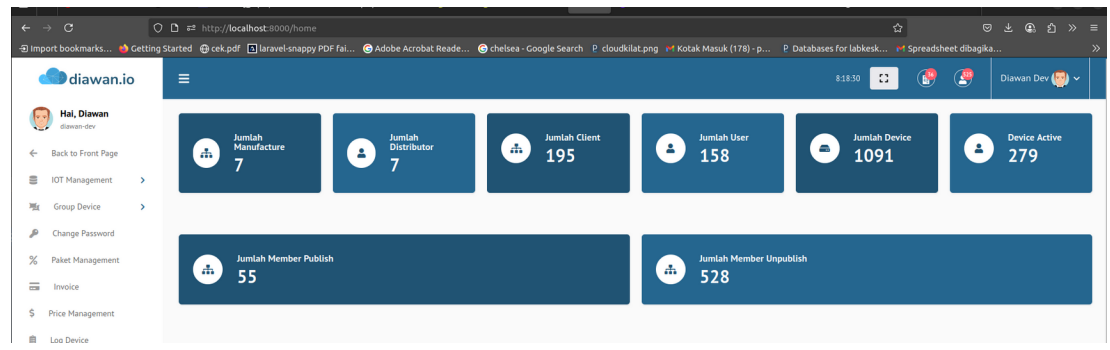
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3. diawan.io Platform - PT Estu Lentera Indo Teknologi

2020 - 2022 | Project Manager & Developer

- Built a Laravel-based IoT management web platform
- Compiled comprehensive technical documentation and project workflows



The screenshot shows the diawan.io web interface. On the left is a navigation menu with items like 'IOT Management', 'Group Device', 'Invoice', 'Menu Diawan', 'Privileges Management', 'Change Password', 'Paket Management', 'Price Management', 'Log Device', and 'Diawan Member'. The main content area is titled 'Diawan' and displays two large cards for 'Suhu' (Temperature) at 10 and 'RH' (Relative Humidity) at 50. Below these are two line graphs showing historical data for Suhu and RH over time, with the x-axis ranging from 13:01:20:47 to 08:03:20:11.

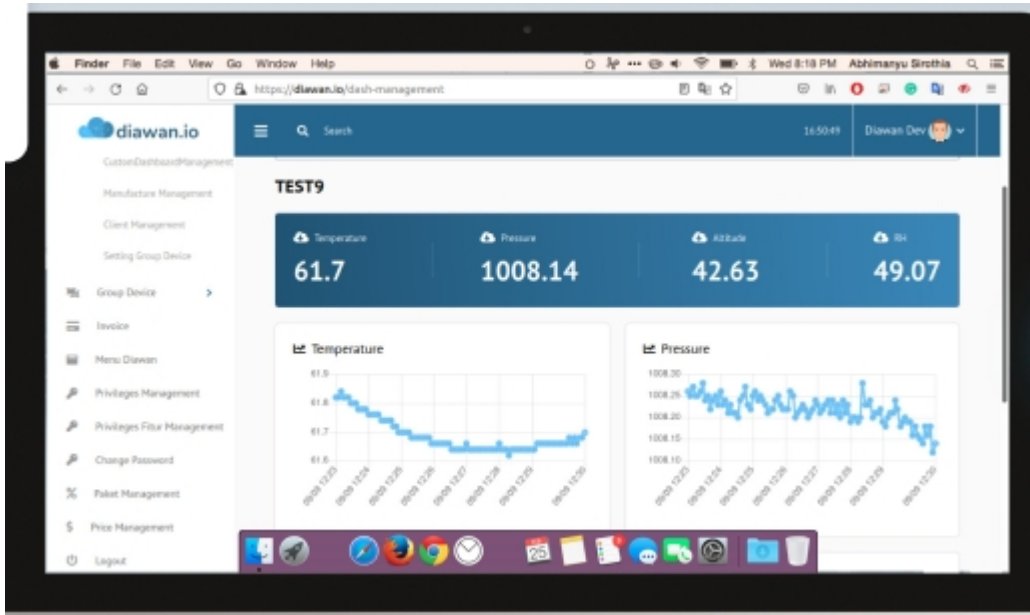
ALL IN ONE PLATFORM
 Solusi Terbaik untuk Optimalkan Bisnis Anda

CONTROL & MONITORING BANYAK DEVICE
 Kemudahan Pemantauan secara Real Time untuk banyak perangkat dalam satu Platform

REPORT
 Data Tersimpan dengan baik dengan periode per menit/ jam/ hari/

WA NOTIFIKASI
 Notifikasi data terupdate setiap saat melalui Whatsapp

TRACKING DEVICE
 Optimalkan pengiriman dengan memantau kondisi dan lokasi device



The screenshot shows the diawan.io website landing page. The browser's address bar shows the URL `http://localhost:8000`. The page has a light blue header with the diawan.io logo and navigation links: Home, Feature, Pricing, Blog, Contact Us, Log In, and a 'Try it Free!' button. The main content area has a background image of a city skyline. The headline reads 'diawan.io Manage your IOT device'. Below the headline is the text: 'We are a company that is ready to assist you in monitoring, reporting, and control your IOT devices.' There is a 'Free trial now!' button and a link 'Questions? Talk to our team'. A small inset image shows the dashboard interface from the previous screenshot, and a blue chat bubble icon is visible in the bottom right corner.

4. Electronic Education Information System - Demak Regency

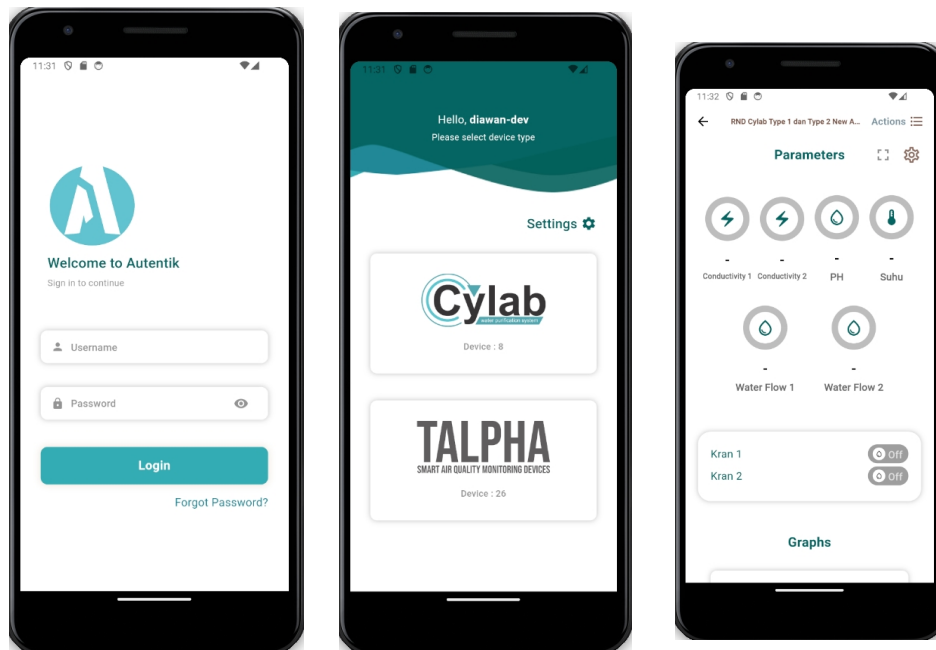
Nov 2021 - Des 2021 | Backend Developer

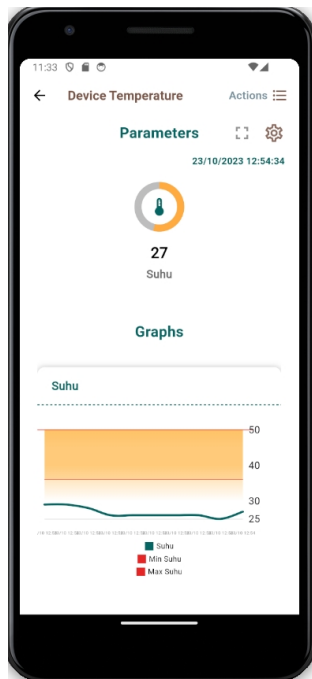
- Built a data management system for students, teachers, and school reports

5. Mobile Authentication Application - Internal

2023 | Fullstack Developer

- **Designed and developed a mobile application for a login system with 2FA/token authentication**
- Backend built with Laravel API, mobile frontend using Flutter/React Native
- System used for user validation within the diawan.io ecosystem



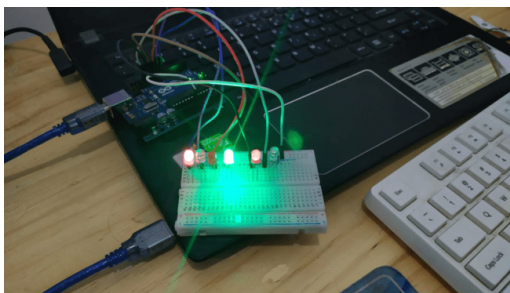
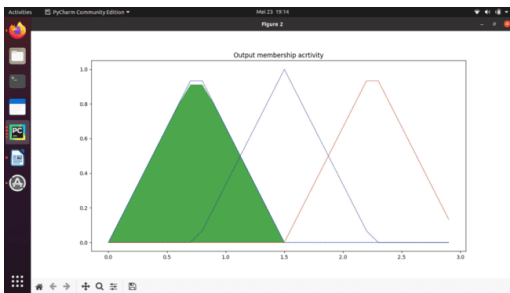
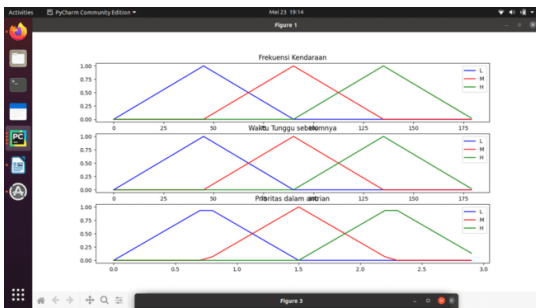
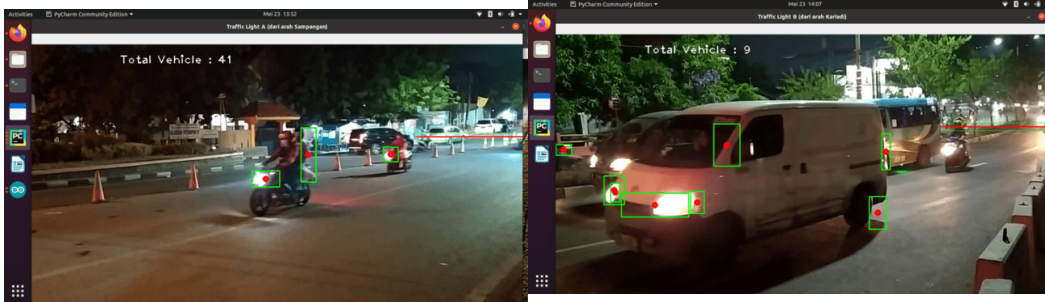


Here is the English translation for your research/publication entry:

Publication / Research

Automatic Traffic Light Management Using Welch-Powell Modeling and Fuzzy Method on Arduino Platform 2021 | Universitas Dian Nuswantoro

- Designed an automatic traffic light control system using the Fuzzy method to determine waiting time based on vehicle volume
- Applied Welch-Powell modeling to determine traffic light color sequences across intersections, preventing simultaneous green light conflicts
- Implemented the system on an Arduino platform as the light controller
- Achieved an average total effectiveness of **48.98%** reduction in waiting time compared to the default system



I declare that this curriculum vitae has been made truthfully and with full responsibility. Should there be any intentional or reasonably suspected false disclosure of information, I am prepared to be disqualified from the selection process or dismissed if already employed.
