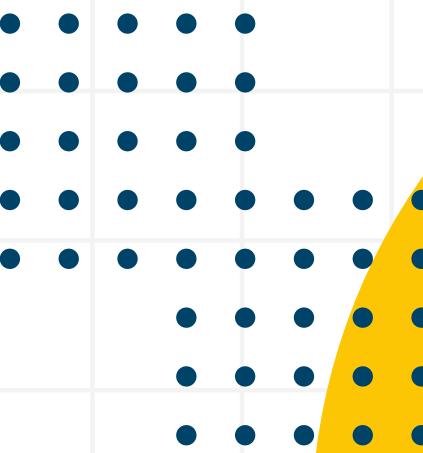


PROJECT PORTFOLIO

ERICK WINATA

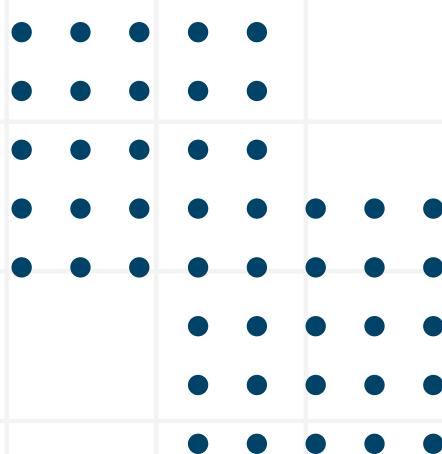


INTRODUCTION

As a graduate of Universitas Dinamika, I possess a strong foundation in web programming, with a particular focus on the Laravel framework. My expertise extends beyond formal education, significantly bolstered by completing the MSIB Independent Study Program at Dicoding Indonesia, and internship program. This program strengthen my skills in both front-end and back-end web application development, ensuring a comprehensive understanding of the development lifecycle.

I'm proficient in various SDLC methodologies, including Waterfall and Prototyping, allowing me to adapt to diverse project requirements and ensure efficient development processes. Furthermore, I have hands-on experience with relational databases such as Oracle SQL and MySQL, enabling me to design, manage, and optimize robust data solutions.

With a blend of academic knowledge, practical training, and a strong command of essential development tools and methodologies, I am eager to contribute innovative and high-quality solutions to web development projects.



HELLO! I'M ERICK WINATA

I am a highly motivated and adaptive Web Developer with a strong work ethic. I thrive in dynamic environments and am dedicated to delivering high-quality results through persistence and continuous learning. I am always ready to tackle new challenges and contribute effectively to team goals



github.com/erickwinz30



erickwinz1008@gmail.com



+62 896-6602-0017



linkedin.com/in/erick-winata-b59581235/



SMA YPPI II SURABAYA, 2020

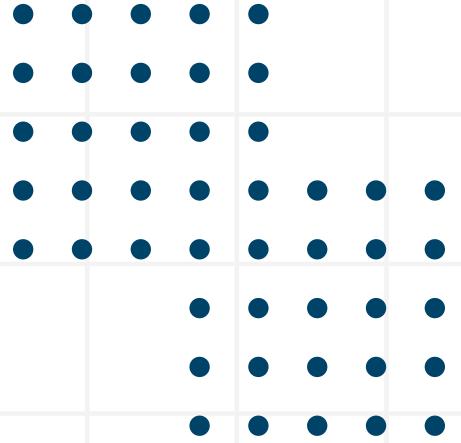
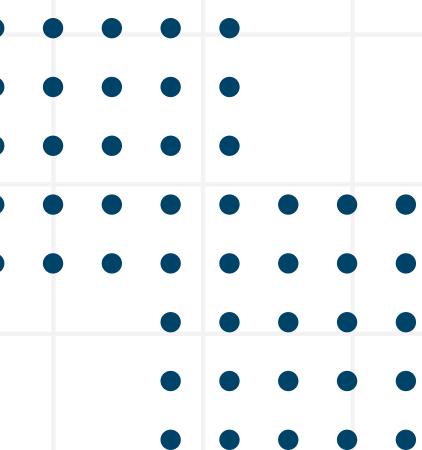


UNIVERSITAS DINAMIKA (STIKOM SURABAYA), 2025

I graduated from Universitas Dinamika with a degree in Information Systems. This discipline serves as a vital bridge between business and technology, focusing on how to leverage technology to solve organizational problems.

During my studies, I gained a strong foundation in both technical and management areas. The curriculum covered system analysis and design, database management, software development, and business process mapping, equipping me with the skills to align IT solutions with business strategies.

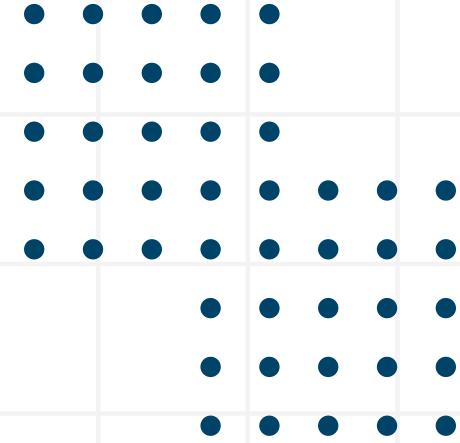
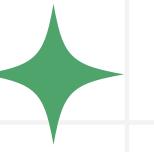
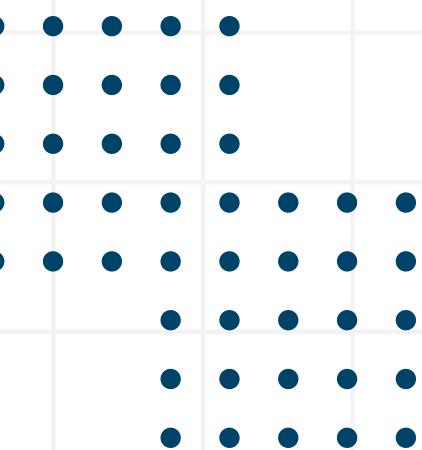
EDUCATION



DICODING INDONESIA, 2023

Dedicated to continuous improvement, I was selected for the MSIB (Certified Independent Study) program—a government initiative by the Indonesian Ministry of Education in 2023. Through this opportunity at Dicoding Indonesia, I focused on full-stack web development, solidifying my understanding of JavaScript fundamentals, Node.js, and RESTful API architecture, while establishing a strong professional workflow using Git.

NON-EDUCATION



PERSONAL SKILLS



WEB DEVELOPMENT

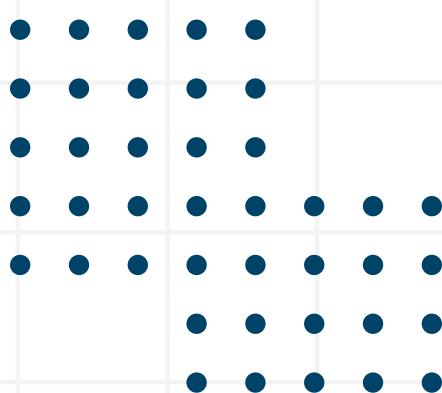
BACK-END WEB

DEVELOPMENT CYCLE

Experienced Full-Stack Developer specializing in Laravel and Vue.js. I utilize Inertia.js to harness the power of modern Single Page Applications (SPAs) without compromising the robustness of a classic monolith architecture.

Highly skilled in relational database management using SQL. I am also expanding my expertise in the NoSQL ecosystem (Firebase, MongoDB), where I have established a solid foundation in querying and data handling.

I gained practical experience in the Software Development Life Cycle (SDLC) through my Bachelor's thesis. I successfully applied these methodologies to manage the project from requirement analysis and design through to implementation and testing.





EXPERIENCE

IT SUPPORT
BFIT INDONESIA

First internship experience. Providing first-level technical support to users, resolving hardware and software issues, and ensuring smooth IT operations. Completed an inventory application project using the safety stock method.

IT PROGRAMMER
PT. PRAKARSA ALAM SEGAR
(WINGSFOOD)

During my second internship , I actively contributed to optimizing the company's HR infrastructure by diagnosing and resolving critical system bugs. I played a key role in the digital transformation of recruitment processes, assisting in the seamless migration of prospective employee document collections from Google Drive to a centralized system. Furthermore, I developed a real-time monitoring dashboard, empowering the HR team to efficiently track and manage incoming applicant data.

PROJECT 01

The screenshot shows a web-based inventory management system. On the left, a sidebar titled 'Bfit Gudang' contains links for 'Home', 'Riwayat', 'Barang Masuk', and 'Barang Keluar'. The main area is titled 'Warehouse Inventory' and has a subtitle 'Manage and track your warehouse products'. It features a search bar 'Cari barang...', two date range pickers for 'Tanggal Mulai' and 'Tanggal akhir', and three buttons: 'Barang Baru' (blue), 'Barang Masuk' (green), and 'Barang Keluar' (yellow). Below these are six rows of data in a table:

No.	Nama Barang	Jumlah	Terakhir Kali Barang Masuk	Tanggal Input	Aksi
1	6 IN 1 MFT	10	1 Jan 2025, 07.00.00	1 Jan 2025, 07.00.00	
2	ATOCARE	75	1 Jan 2025, 07.00.00	1 Jan 2025, 07.00.00	
3	BIKE 203 W	176	1 Jan 2025, 07.00.00	8 Jan 2026, 14.03.57	
4	BIKE 218B	3	1 Jan 2025, 07.00.00	1 Jan 2025, 07.00.00	
5	BIKE 3105B	128	1 Jan 2025, 07.00.00	8 Jan 2026, 14.03.58	
6	BIKE 385B	8	1 Jan 2025, 07.00.00	1 Jan 2025, 07.00.00	

BFIT INDONESIA

Developed a comprehensive Warehouse Inventory System to streamline stock tracking and management. Initially built using Laravel's robust MVC architecture, I later took the initiative to modernize the application by refactoring the frontend with ReactJS. This upgrade significantly enhanced the user experience, offering a more dynamic and responsive interface for real-time data handling.

TECHSTACK

ReactJS,
Firebase

PROJECT 01

Barang Baru
Masukkan data stok baru

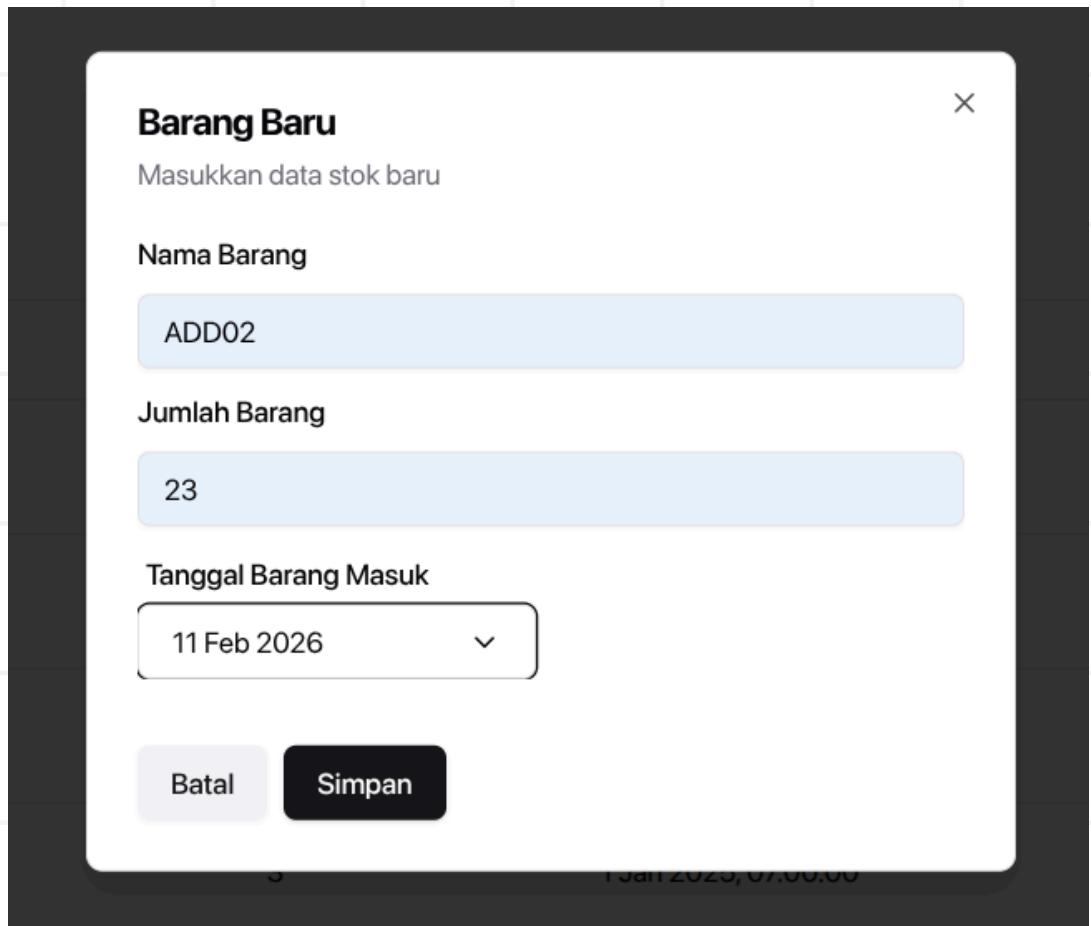
Nama Barang

Jumlah Barang

Tanggal Barang Masuk

Batal **Simpan**

1 Jan 2023, 07.00.00



New stock input view

Warehouse Inventor

Barang Masuk
Pilih barang yang akan ditambahkan ke stok

ATOCARE	1	<input type="button" value="Delete"/>
BIKE 3105B	3	<input type="button" value="Delete"/>

+

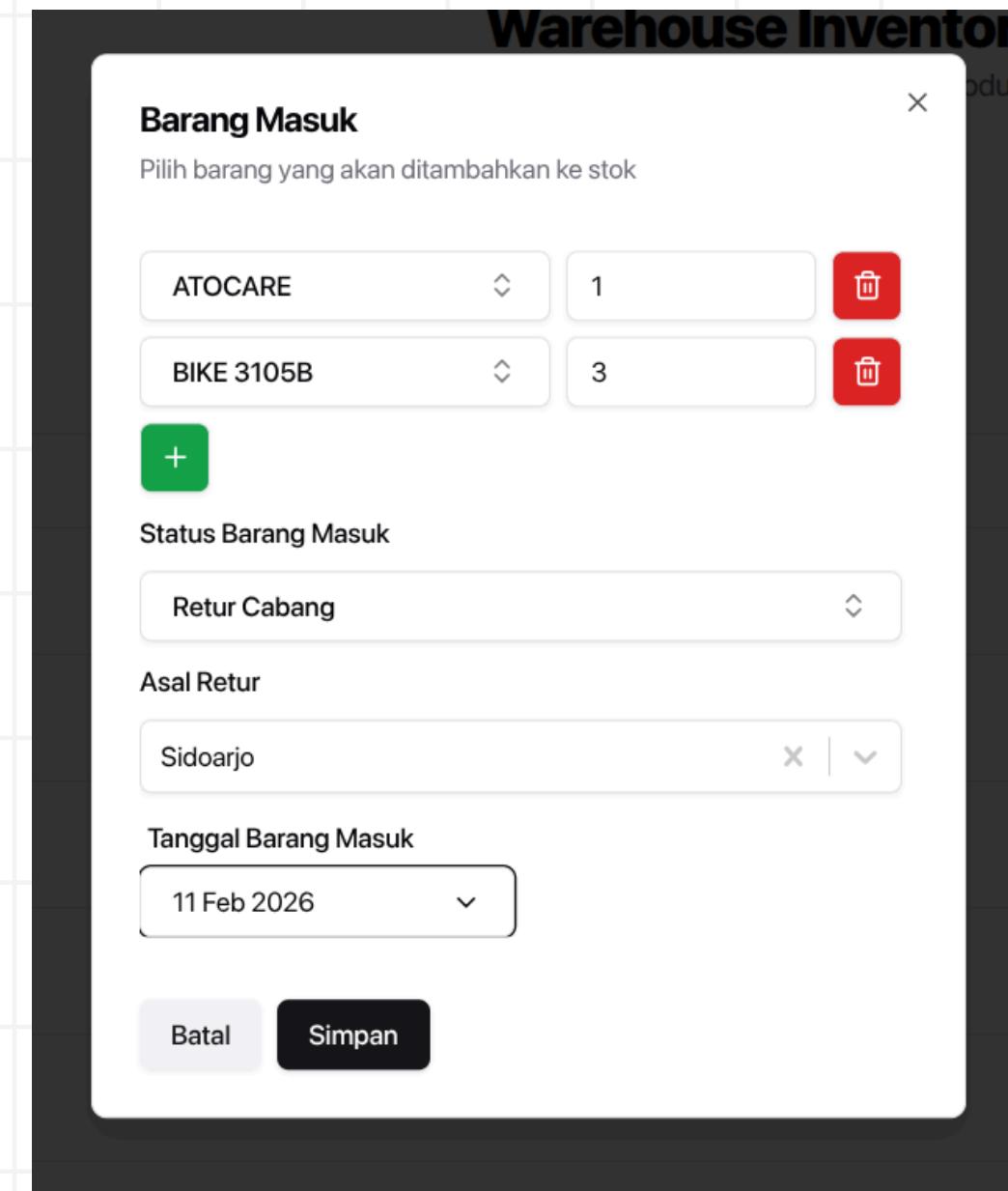
Status Barang Masuk

Retur Cabang

Asal Retur

Tanggal Barang Masuk

Batal **Simpan**



Stock-in input view

PROJECT 02

CALCULUS - CALORIE TRACKING APP

The screenshot shows the main dashboard of the Calculus app. At the top, there's a date input field set to 14/11/2025 with a 'Change' button. Below it, a progress bar indicates 'Today's calorie' at 959/1681. The interface is divided into sections for 'Breakfast' and 'Lunch'. The Breakfast section lists 'Nasi Putih (100 gr)' and 'Ayam Goreng (100 gr)' with their respective calorie counts. The Lunch section lists 'Kentang Goreng (100 gr)' and 'Tahu Goreng (100 gr)'. To the right, a box displays 'Today's nutritions' with detailed breakdowns for Fat, Cholesterol, Protein, Carbohydrate, Sodium, and Sugar. At the bottom, a copyright notice reads 'Copyright © 2023 - Calculus by C23-M4047'.

Github:
<https://github.com/erickwinz30/Calculus>

TECHSTACK

Laravel, Blade,
MySQL

This screenshot shows a search interface where 'ayam' has been typed into a search bar, with a 'Search' button nearby. Below the search bar is an 'Add New Food +' button. A list of added foods includes 'Ayam Goreng +' and 'Sayur Bayam +'. To the right, a 'Calorie Summary' box shows a single entry for 'Nasi Putih' with details: 100 gr, 130 Cals, and a red 'Delete' button. At the bottom, a copyright notice reads 'Copyright © 2023 - Calculus by C23-M4047'.

Calculus is a calorie-tracking application developed in 2023 by a team of developers from the Dicoding Indonesia MSIB Batch 4 program. My contribution as a back-end developer focuses on creating schemas for the database, authenticating, calculating, manipulating, and retrieving data ready for use by the front-end developer.

PROJECT 03

Home Miyawaki Sak...

Selamat datang, Miyawaki!

Progres Anda

Gold 1940 XP

Selamat anda mencapai badge tertinggi!

Tips & Tricks

1. Kumpulkan point untuk mendapatkan benefit lebih
2. Kejar peringkat tertinggi untuk mendapatkan diskon
3. Tukar point dengan voucher
4. Selesaikan challenge untuk mendapatkan benefit pencucian

Miyawaki Sak...

Progress Challenge

Dalam Progress

Melakukan pencucian sebanyak 8 kali

Berlaku hingga: 01 January 2026

0%

Voucher Miyawaki Sak...

1940 RP

Voucher yang dimiliki:
Belum memiliki voucher

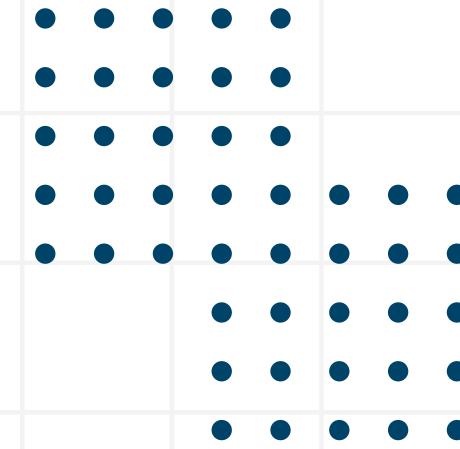
Semua Voucher

Voucher Diskon 20%
Mendapatkan diskon 20% pada saat melakukan pencucian mobil
Berlaku hingga: 1 January 2026, 06:59 150 Point
Redeem

Voucher Diskon 5%
Mendapatkan diskon 5% pada saat melakukan pencucian mobil
Berlaku hingga: 1 January 2026, 06:59 50 Point
Redeem

Voucher Diskon 10%
Mendapatkan diskon 10% pada saat melakukan pencucian mobil

Customer (Member) App View



KENZOU DRIVE THRU CAR WASH

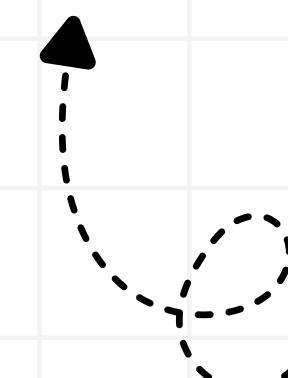
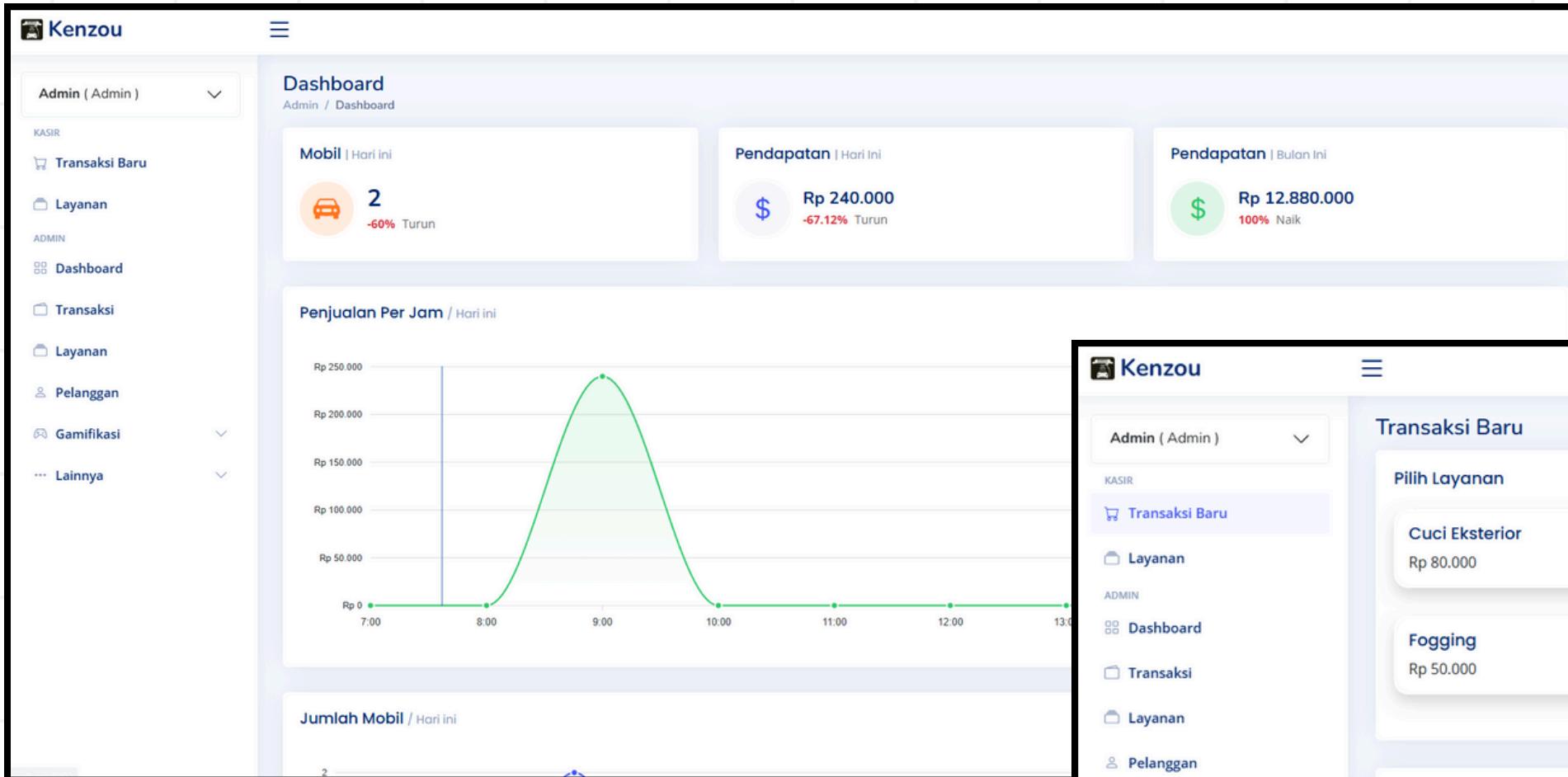
Kenzou Car Wash App is a comprehensive web application streamlining car washing services for both administrators and members. Admins can efficiently manage operations with features like transaction recording and dashboard insights, while members enjoy interactive elements such as tracking challenge progress and redeeming vouchers. A key highlight is its gamification features, designed to enhance user engagement and incentivize the car wash experience.

TECHSTACK

Laravel, Blade,
MySQL

PROJECT 03

KENZOU DRIVE THRU CAR WASH



Dashboard Admin

The screenshot shows the Kenzou Point of Sales for Transaction interface. The sidebar is identical to the Admin Dashboard. The main area has three sections: 'Pilih Layanan' (Cuci Eksterior, Cuci Interior, Wax, Fogging), 'Informasi Pelanggan' (phone number +62 08, list of customers: Miyawaki Sakura, Huh Yunjin, Kim Chaewon with their email addresses and phone numbers), and 'Detail Transaksi' (transaction details: Tgl Transaksi 13-11-2025, Informasi Pelanggan, Item (Cuci Eksterior, Cuci Interior), Total (Rp. 120,000), Nomor Polisi (input field), Keterangan (input field), Subtotal (Rp. 120,000), Metode Pembayaran (QRIS, Tunai), and a 'Simpan' button).

Point of Sales for Transaction

PROJECT 03

KENZOU DRIVE THRU CAR WASH

Kenzou

Admin (Admin)

KASIR

Transaksi Baru

Layanan

ADMIN

Dashboard

Transaksi

Layanan

Pelanggan

Gamifikasi

Lainnya

Transaksi

Data Transaksi

dd/mm/yyyy S/D dd/mm/yyyy Hari ini Minggu Ini Bulan Ini Tahun Ini

CSV Excel PDF Print Column visibility

No	Transaksi ID	Pelanggan	Nama Layanan	Kasir	Tanggal Transaksi	Metode Pembayaran	Status Lunas	Nomor Polisi	Keterangan	Subtotal	Aksi	
1	a85a0ec5-9261-4...	Huh Yunjin	Cuci Eksterior, Wax	Admin	13-11-2025 09:43:00	tunai	Lunas	P4561TI		Rp 200.000		
2	5917fd51-b12c-4...	Kim Chaewon	Cuci Interior	Admin	13-11-2025 09:11:00	qrис	Lunas	W9360UB		Rp 40.000		

Total Penjualan:

Showing 1 to 2 of 2 entries

< < 1 > >>

Voucher Management View

+ Voucher

Transaksi Baru

Data Voucher (Aktif)

10 entries per page

Aktif Non-Aktif Semua

Search...

No	Nama	Deskripsi	Keperluan Point	Diskon	Minimum Transaksi	Status	Kadarluarsa	Mulai Berlaku	Berlaku Sampai	Aksi	
1	Voucher Diskon 5%	Mendapatkan diskon 5% pada saat melakukan pencuci...	50	5%	Rp 50.000	Aktif	Belum	01-01-2024	01-01-2026		
2	Voucher Diskon 10%	Mendapatkan diskon 10% pada saat melakukan pencuci...	100	10%	Rp 100.000	Aktif	Belum	01-01-2024	01-01-2026		
3	Voucher Diskon 20%	Mendapatkan diskon 20% pada saat melakukan pencuci...	150	20%	Rp 140.000	Aktif	Belum	01-01-2024	01-01-2026		

Showing 1 to 3 of 3 entries

List of Transaction View

INTERNSHIP PROJECT (WINGSFOOD)

INTERNAL HR & EMPLOYEE ONBOARDING SYSTEM

PROJECT 04

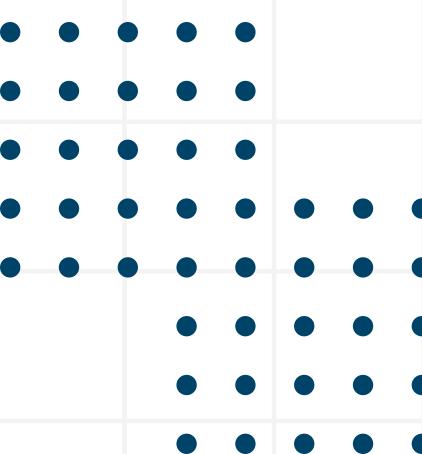


This project was developed as a proprietary, internal tool for the company's Human Resources department. To protect sensitive company data and adhere to confidentiality policies, I am unable to share visual assets, code samples, or a live demonstration of this system.

However, I can describe the key responsibilities I held and the contributions I made during the internship.

TECHSTACK

Laravel, ReactJS,
Firebase, MySQL

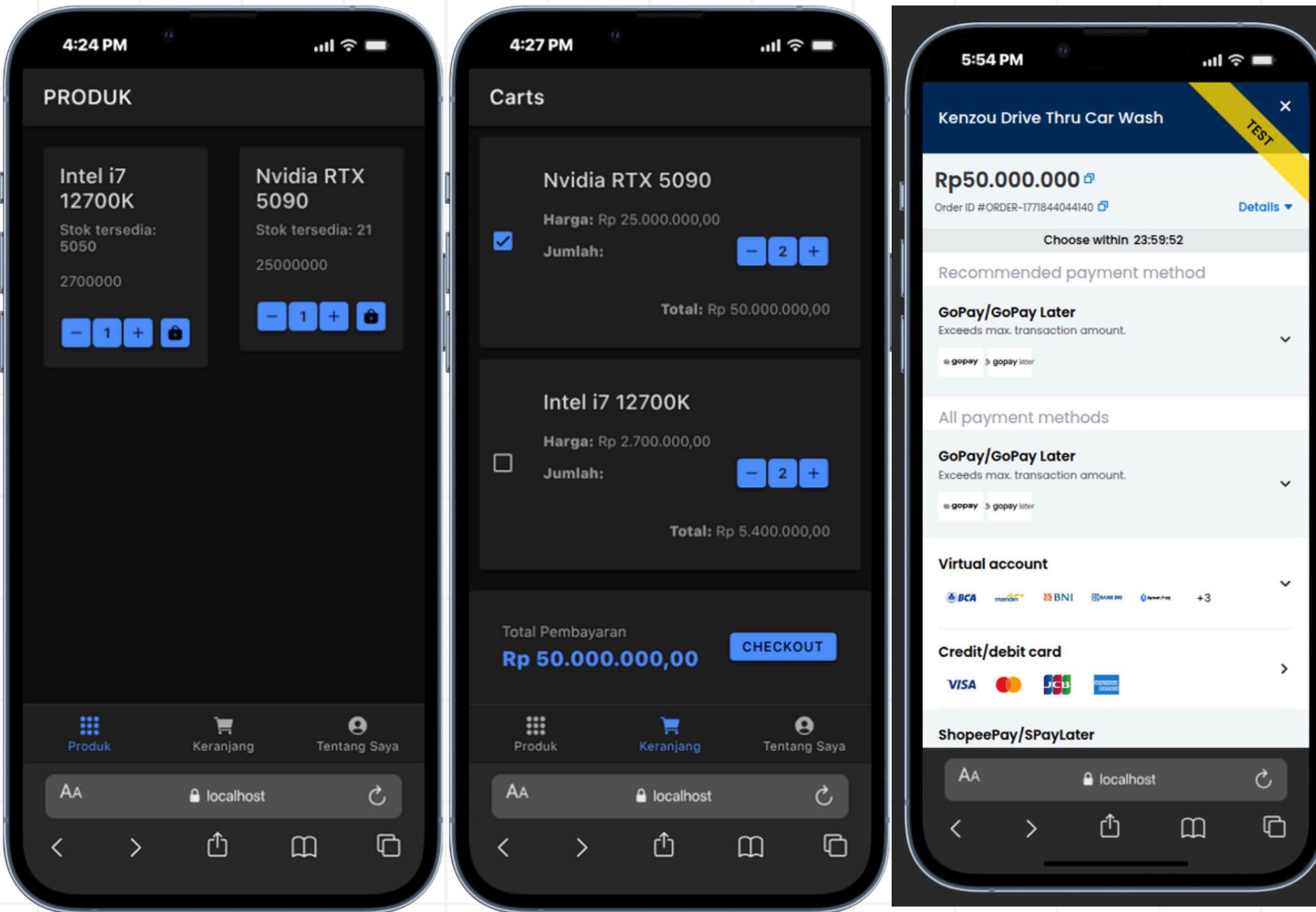


Key Contributions & Responsibilities:

- **System Stability:** Contributed to the stability of the core HR system by identifying, troubleshooting, and resolving software bugs to minimize downtime.
- **Process Optimization (Upload Feature):** Revamped the document collection workflow by developing a direct file upload interface, replacing the legacy Google Drive submission method with a centralized web-based system.
- **Efficiency Improvement (Autofill Feature):** Built an Excel-based autofill feature to automate the input of prospective employee data, significantly reducing manual entry time and minimizing errors.
- **Monitoring Dashboard:** Developed a real-time monitoring dashboard, enabling the HR team to efficiently track the document submission status of all candidates.



PROJECT 05



SIMPLE ECOMMERCE

A full-stack e-commerce mobile application for computer hardware products, built with Ionic Framework, Vue 3, and Firebase. Features include simple user authentication, shopping cart management, Midtrans payment integration, and an admin dashboard for order and product management.

TECHSTACK

Ionic, Vue, & Firebase

PROJECT 06

ATTENDANCE APP

The screenshot shows the 'Generate QR Code' page of the Attendance Management System. On the left, there's a sidebar with 'Attendance Management System' logo, 'Home', 'Dashboard Statistik Kehadiran', 'History Riwayat Absensi', 'Users Daftar User', 'Logout', and 'Version 1.0.0 © 2026 Attendance App'. The main area has a title 'Generate QR Code' with sub-instruction 'Buat QR code untuk absensi Anda'. It features a 'QR Code Generator' section with a button 'Klik tombol untuk membuat QR code', a QR code labeled 'QR Code Anda', and a button 'Scan untuk absen'. Below it, a green box says 'QR Code berhasil dibuat! Waktu: 23/2/2026, 18.37.01'. A timer shows 'Berlaku hingga 04:43'.

Key Features:

- QR code generation and scanning for check-in
- Real-time attendance tracking and history
- User management with role-based permissions (Employee, HRD, Scanner)
- RESTful API backend with session-based authentication

The screenshot shows two main sections. On the left, the 'History Absensi' page displays a summary for February 23, 2026, with tabs for 'Hari Ini' (selected) and 'Bulanan'. It shows statistics: Total Hadir 6 (green checkmark), Telat 1 (orange exclamation mark), Tidak Hadir 0 (red X), and Total Karyawan 6. On the right, the 'Daftar Kehadiran' page shows a table of employee attendance details:

Nama	Email	Departemen	Posisi	Waktu Check-in	Status
Admin System	admin@company.com	Administrator	System Administrator	07:40:00	Hadir
Ahmad Fauzi	ahmad.fauzi@company.com	IT	Software Engineer	07:45:00	Hadir
Budi Santoso	budi.santoso@company.com	Design	UI/UX Designer	07:50:00	Hadir
Dewi Lestari	dewi.lestari@company.com	Marketing	Marketing Specialist	07:55:00	Hadir
Siti Nurhaliza	siti.nurhaliza@company.com	Product	Product Manager	08:12:00	Hadir
Andi Pratama	andi.pratama@company.com	IT	Backend Developer	08:25:00	Telat

A full-stack web application for managing employee attendance using QR code technology. Built with modern tech stack featuring Go backend and React frontend, this system provides real-time attendance tracking with role-based access control.

PROJECT 06

ATTENDANCE APP

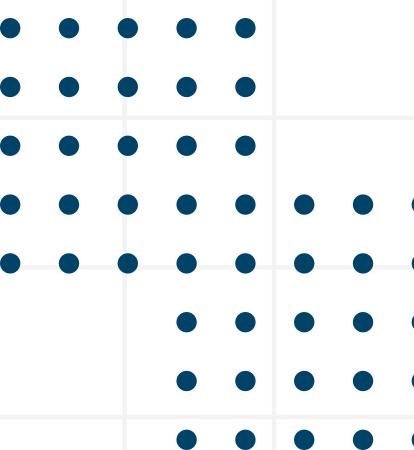
The screenshot shows the 'Daftar User' (User List) page of the Attendance Management System. The sidebar on the left includes links for Home, Dashboard, History, and Users (which is the active tab). The main area displays summary statistics: Total Users (7), Active (6), Inactive (1), and Departments (6). Below this is a search bar and a grid of user profiles:

User	Role	Status
Andi Pratama	Backend Developer	active
Dewi Lestari	Marketing Specialist	active
Budi Santoso	UI/UX Designer	active
Siti Nurhaliza	Product Manager	active

Each user profile includes contact information (email and phone number) and location (IT). Buttons for 'Edit' and 'Detail' are provided for each user.

TECHSTACK

React, Golang,
PostgreSQL



Github:
<https://github.com/erickwinz30/attendance-app-frontend>
<https://github.com/erickwinz30/attendance-app-backend>

The screenshot shows the 'Detail Karyawan' (Employee Detail) page for Andi Pratama. It includes basic information like email, phone number, and joining date (24 Februari 2026), along with his department (IT) and status (Aktif).

Below this is a summary of Andi's attendance: Total Hari (1), Hadir Tepat Waktu (1), Telat (0), and Tidak Hadir (19).

The bottom section shows the 'Riwayat Absensi' (Attendance History) for Andi on Senin, 23 Februari 2026, at 15.32. The status is marked as 'Tepat Waktu' (On Time).





LET'S
COLLABORATE!

