

Mikha Januardi Milenn Simanjuntak

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Jakarta, Indonesia

A results-oriented Full-Stack Developer with 1 year of experience building robust and user-friendly web applications. Skilled in leveraging the MERN/ PERN stack (PostgreSQL, Express, React, Node) to rapidly prototype, build, and deploy features. Eager to contribute to a fast-paced team and continuously learn new technologies to solve complex problems.

Work Experiences

Jubelio - Jakarta, Indonesia Jun 2023 - Dec 2023

Internship Front End Developer

An omni- channel e- commerce platform designed to automate and unify business operations. Jubelio integrates core processes like inventory sync, multi-channel order management, accounting, and POS systems into a single, integrated ecosystem. [🔗](#)

- Developed and maintained key features for the Jubelio V2 web platform, with specific responsibility for the Sales and Purchasing modules.
- Collaborated with QA teams to identify, triage, and resolve bugs, significantly improving application stability.
- Implemented new features and UI/UX updates based on project requirements, consistently completing ticket assignments in Jira.
- Actively participated in the development lifecycle, including functional testing and working with other development teams using Git and GitHub.
 - Tech Stack:** TypeScript, Node.js, GitHub, Jira, Tailwind CSS.

Jubelio - Jakarta, Indonesia Jun 2021 - Sep 2022

Data Entry Freelance

- Mapped and structured 10,000+ product categories, attributes, and variations into database schema.
- Performed comprehensive data validation ensuring 99.5% accuracy and integrity of database entries.
- Identified and corrected data inconsistencies, proactively resolving incomplete records.
- Developed efficient data processing workflows that reduced entry time by 30%.

Education Level

Universitas Bina Sarana Informatika - Tangerang, Indonesia Sep 2020 - Apr 2025

Bachelor of Information Technology, 3.70/4.00

- Academic Excellence: Maintained 3.70/4.00 GPA while working part-time.

Dumbways Indonesia [g](#) - Tangerang, Indonesia Feb 2022 - May 2022

Certificate in Fullstack Developer

- Professional Development: Completed Full-Stack Developer certification with hands-on projects.

Skills

- Frontend:** React.js, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS
- Backend:** Node.js, Express.js, REST API Design
- Database:** PostgreSQL, MySQL
- Tools & DevOps:** Git, GitHub, Postman, Vercel, Railway, CI/CD, Jira
- Soft Skills:** Problem Solving, Project Management, Team Collaboration, System Architecture Design

Projects

- **Project: TokoKita - Full-Stack E-Commerce Platform** [🔗](#) (2025)

A comprehensive personal project designed to master advanced full-stack concepts by building a complete e-commerce platform from the ground up, featuring distinct "Buyer" and "Seller" roles.

- **Key Features & Implementation:**

- **Role-Based Authentication:** Architected a secure authentication system using Node.js, JWT, and bcryptjs for password hashing, with protected routes to secure "Seller-only" functionalities.
- **Seller Dashboard & CRUD:** Developed a secure, role-protected dashboard that enables sellers to perform full CRUD (Create, Read, Update, Delete) operations on their own product listings.
- **Dynamic Product Catalog:** Implemented a public-facing product catalog with real-time search and dynamic category filtering, powered by a custom REST API built with Express.js.
- **Complex Relational Data Model:** Designed and managed a relational database schema in PostgreSQL using Prisma, effectively handling many-to-many relationships (e.g., product "Likes") and one-to-many relationships (e.g., "Reviews", "Orders").
- **Global State & Persistence:** Managed complex global application state (authentication, product lists, cart) using React's Context API, engineering a persistent shopping cart that syncs with localStorage.
- **Secure Third-Party API Integration:** Engineered a secure backend proxy to integrate with a shipping API (e.g., Komerce), calculating dynamic shipping costs at checkout without exposing sensitive API keys to the client.

- **Tech Stack:** React, Node.js, Express.js, PostgreSQL, Prisma, JWT, Tailwind CSS, Zod, Framer Motion, Axios

- **Project: Church Management System** [🔗](#) (2025)

A personal project to learn the full-stack PERN stack by building a complete, feature-rich administrative application from scratch.

- **Key Features & Implementation:**

- **Secure Authentication:** Architected a JWT-based authentication system with password hashing (bcrypt) and protected routes.
- **Data Management & CRUD:** Built modules for managing congregation classifications and service schedules, featuring dynamic inline editing for agendas.
- **Attendance Tracking:** Developed functionality for recording attendance data per classification for each service.
- **Interactive Analytics:** Engineered an analytics dashboard with interactive charts (Chart.js) and dynamic filters (by date range and classification).
- **Professional Reporting:** Implemented robust data export functionalities to both PDF (pdfmake) and Excel (exceljs).

- **Tech Stack:** React, Node.js, Express.js, PostgreSQL, JWT, Tailwind CSS, Chart.js, Zod, Vercel, Railway.

- **Project : Full- Stack Analytics Dashboard** [🔗](#) (2025)

Built an end-to-end analytics platform that processes 9,000+ Excel records through an ETL pipeline and visualizes the data using an interactive dashboard. This project showcases the complete data lifecycle from raw data ingestion to dynamic front-end presentation.

- **Key Features & Implementation:**

- **ETL Pipeline:** Engineered a Node.js script for the Extract, Transform, Load (ETL) process, parsing and cleaning over 9,000 data rows from an Excel file into a normalized PostgreSQL database schema.
- **Decoupled Full-Stack Architecture:** Architected a decoupled system with a Node.js/Express.js REST API deployed on Railway, serving aggregated data to a separate React client deployed on Vercel.
- **Interactive Data Visualization:** Developed multiple interactive charts (Pie, Scatter, Heatmap) using React and Plotly.js to present complex sales data from various angles.
- **Responsive UI & Theming:** Implemented a fully responsive UI with Tailwind CSS, featuring light/dark mode support managed by Zustand, and engineered a custom hook to adapt chart layouts for mobile devices.

- **Tech Stack:** React, Node.js, Express.js, PostgreSQL, JWT, Tailwind CSS, Chart.js, Zod, Vercel, Railway.