

Toni Suwendi

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Software Engineer with 4+ years of professional experience delivering end-to-end web applications. Currently working at PT Cakra Radha Mustika (Kalbe Group), with a Bachelor's degree in Computer Science from Binus University. Skilled in building scalable systems using Next.js, Node.js, and TypeScript.

Work Experience

Frontend Engineer

PT. Cakra Radha Mustika (Kalbe Group) • August 2023 ~ Present

- Enterprise POS Architecture: Spearheaded the legacy POS Revamp (Kalcare & KHD) utilizing Next.js, TypeScript, and GraphQL. Built the foundational Storybook design system.
- Complex Business Logic & Payments: Developed a core Order Engine (Retail & F&B) featuring barcode scanning, real-time discount calculations, split payments, Midtrans QRIS integration, and dynamic shift management.
- Internationalization & Workflow: Scaled the POS system for Kalbe Philippines with robust multi-language (i18n) and multi-currency support. Built a drag-and-drop Kanban board for order fulfillment.
- Knowledge Management System (KMS): Engineered a KMS with a nested folder architecture, infinite scrolling, and AI-like semantic search to seamlessly handle thousands of articles for CS/Sales teams.
- E-commerce Ecosystem & Portals: Acted as the sole frontend engineer for CRM products (KShop Seller Center & Internal CMS). Built the corporate website from scratch, including a comprehensive Career CMS for end-to-end recruitment tracking.

Frontend Engineer

PT. Majoo Teknologi Indonesia • Feb 2022 ~ Jun 2023

- Next.js Migration & Multi-Tenant Architecture: Spearheaded the frontend migration from Codelgniter to Next.js. Implemented a white-label, multi-tenant system with custom domains and strict data isolation for catalogs and merchant authentication.
- Comprehensive Merchant Dashboard: Developed complex features for multi-store management, shipping/payment configurations, balance withdrawals, and advanced UI customizations (including a Linktree-style weblink).
- QR Dine-In Ordering System: Built a seamless web ordering flow via table QR scanning, integrating real-time table data and orders directly into the Majoo cashier application.
- Cross-Platform Development: Handled frontend development across 4 distinct platforms (Weborder App, Merchant Dashboard, corporate site, and internal sales dashboard) within a cross-functional squad.

Full Stack Developer

Freelance • Mar 2020 ~ Present

- Enterprise Architecture & Offline Sync (Geoshub): Engineered an offline-first backend for a mining data system, enabling local data storage and seamless server synchronization for remote workers.
- Advanced Frontend & State Management (Klikizin): Developed a corporate licensing platform handling 15+ business flows, featuring real-time live chat and social media-style "Stories" with complex dynamic state management.
- Interactive Builders & E-commerce (Jasa Undangan, Buntomart): Built a digital invitation platform with a custom admin design builder. Developed a full-stack e-commerce app with Flash Sales, RajaOngkir, and Midtrans integrations.
- API Integrations & SaaS (TapMenu, Isiin, Al Jairy): Developed complete academic registration systems (SPMB) and SaaS POS platforms, handling extensive third-party integrations like Digiflazz (PPOB) and iPaymu/Midtrans.

Note: The highlights above are curated from 20+ additional web applications successfully delivered and managed across multiple industries since 2020.

Education

BINUS University

Computer Science • GPA: 3.53/4 • 2021 - 2026

Successfully balanced a full-time career as a Software Engineer while completing a rigorous Computer Science degree program. Demonstrated exceptional time management and a strong commitment to professional growth. Built a solid theoretical foundation to complement my practical engineering skills, with core coursework covering Software Engineering, Data Structures & Algorithms, Database Systems, and System Architecture.

Skill

- Languages: JavaScript, TypeScript, PHP.
- Frontend: React.js, Next.js, React Native, Tailwind CSS, Styled Components, i18next.
- Backend: Node.js, Express.js, Codelgniter.
- Database & ORM: PostgreSQL, MySQL, MongoDB, Redis, Prisma.
- Testing & QA: Cypress, Jest, Vitest, Storybook.
- APIs & Tools: GraphQL, JWT, OAuth, Git, Midtrans, Biteship.
- Spoken Languages: Indonesian (Native), English (Passive).

Licenses & Certifications

- iOS & Swift - The Complete iOS App Development Bootcamp - Udemy (2026)
- Belajar Dasar Visualisasi Data - Dicoding (2025)
- Menjadi React Web Developer Expert - Dicoding (2023)
- Next.js & React - The Complete Guide - Udemy (2022)
- React - The Complete Guide (incl. Next.js, Redux) - Udemy (2022)

Featured Projects

- TapMenu (SaaS WhatsApp Catalog): Engineered a multi-tenant SaaS platform allowing micro-SMEs across various industries to generate mobile-friendly digital storefronts. Developed a seamless checkout flow converting cart items into formatted WhatsApp messages, and implemented a freemium subscription model with automated store link generation. (Tech Stack: Next.js, Node.js, TypeScript, MySQL, Prisma ORM)
- Al Jairy (School Admission System): Developed a comprehensive end-to-end student registration portal (SPMB) handling multi-stage workflows including initial enrollment, self-reporting, and re-registration. Built a custom Admin CMS to track applicant progression, process referral code discounts, and manage dynamic payment schemes such as installments. (Tech Stack: Next.js, Express.js, TypeScript, MySQL)
- To explore more of my technical deep-dives and 20+ other full-stack projects, please visit www.tonsu.my.id/projects