

DAVID GARCIA SARAGIH

FULL STACK DEVELOPER

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SUMMARY

Full-Stack Developer specializing in high-transaction web platforms for logistics and event management. Core expertise in **Next.js**, **Laravel**, **PostgreSQL**, and **MySQL**, with proven ability to architect systems handling **1,600+ daily trip records** and **150,000+ payroll entries**. Delivered end-to-end solutions that **reduced manual verification from days to minutes**, including payment gateway integrations (Midtrans) and role-based admin dashboards. Complementary experience in Android development (Kotlin). Strong independent contributor with a track record of delivering under tight deadlines.

EXPERIENCE

- Full Stack Developer, Komilet - JakLingko Angkot Operator** Jul 2025 – Dec 2025
- Built and deployed a full-stack TypeScript web platform (**Next.js**, **PostgreSQL**) for Koperasi Mikrolet Jakarta Raya (Komilet), a JakLingko angkot operator managing **383 vehicles** and **1,433+ users**, digitising end-to-end internal operations for drivers, vehicle owners, admin staff, and management in a single role-based system.
 - Designed and implemented core modules for driver management, payroll (processing **150,000+ trips**), attendance, TransJakarta verification (**22,500+ entries**), and a comprehensive **management reporting system** (mileage, trips, financials, income estimation) with **Excel/PDF export** for data-driven operations.
 - Replaced fragmented paper-based workflows with structured, auditable digital processes (capturing **395,000+ audit logs**), eliminating manual validation errors and **reducing verification turnaround from days to minutes** while processing **1,600+ daily trip records**.
- Coordinator of Web Division, UMN Festival 2025** Feb 2025 – Dec 2025
- Led end-to-end development of UMN Festival's official website (**Laravel**, **React**, **MySQL**, Midtrans), delivering a fully dynamic platform **handling 1,392 paid orders (2,000+ tickets)**.
 - Built an integrated digital ticketing system for UNIFY 2025, enabling online payments, **automated PDF e-tickets via email**, QR-based on-site scanning, and a **camera-based validation system** for audit trails and dispute prevention.
 - Designed an admin dashboard and referral system with dynamic layouts for non-technical staff, improving operational efficiency, reducing manual errors, and modernizing the entire event management process.
- Web Developer, Rental Mobil City Park (Family Business)** Feb 2024 – Aug 2025
- Built the business's **frontend website** and configured **Google Maps Business Profile**, achieving **950+ monthly customer interactions** and a **5-star rating (64 reviews)**.
- Technical Content Creator, David G Tech - YouTube & TikTok** Mar 2021 – Sep 2025
- Produced **web development tutorial content** (Frontend, Backend) on YouTube & TikTok, achieving **monetization status** and simplifying technical concepts for beginner audiences.
- Web Developer Committee Roles — Universitas Multimedia Nusantara** Sep 2023 – Oct 2024
- UMN VJD 2024 (Frontend)**: Implemented dynamic UI components using TypeScript based on committee requirements.
 - PPIF UMN 2024 (Frontend)**: Built responsive home pages/UI using React and Tailwind CSS.
 - UMN Tech Festival 2024 (Backend)**: Implemented and maintained backend features and APIs using Laravel.
- Web Developer Intern, DAAI TV** Mar 2022 – May 2022
- Developed a PHP-based web application for DAAI TV that enabled users to easily generate customized digital Eid al-Fitr greeting cards from a predefined template.

EDUCATION

Bachelor of Computer Science - Universitas Multimedia Nusantara	Aug 2023 – Present
GPA: 3.81 (Expected Graduation: Aug 2027) · Honors: 3rd Place - CODEXPO (ConnectFTI 2024)	
Software Engineering - SMKS Cinta Kasih Tzu Chi	Jul 2020 – Jul 2023
Grade: 89.8 · Achievements: National FIKSI 2021 Participant, Top 3 Class Rank	

PROJECTS

Komilet Pramudi - GPS Fleet Tracking (Android App)	Dec 2025 – Jan 2026
<i>Android Developer (Solo)</i>	
• Developed the native Android driver app for the Komilet JakLingko platform using Kotlin and Jetpack Compose , extending the web ecosystem with real-time GPS fleet tracking .	
• Engineered a complex offline-first architecture with adaptive polling and background services to ensure accurate mileage data capture under unstable network conditions.	
Personal Portfolio with AI Chatbot	Dec 2025
<i>Solo Project</i>	
• Built a personal portfolio website with an AI chatbot (Gemini API), featuring RAG-based knowledge retrieval and regex-driven UI automation .	
Jakarta Multimodal Transit AI Chatbot	Jan 2026 – Present
<i>Solo Project (In Progress)</i>	
• Developing an AI-powered route planner for Jakarta's public transit (KRL, TransJakarta, Mikrotrans) using Next.js, OpenTripPlanner, and GTFS data.	
Ark Care Ministry Website	Nov 2024 – Dec 2024
<i>Full Stack Developer</i>	
• Built a full-stack content management platform for a nonprofit organization, enabling dynamic updates for activities, programs, and media through an intuitive admin dashboard.	

SKILLS

- **Frontend & Mobile:** Next.js, React, TypeScript, Kotlin, Jetpack Compose, Tailwind CSS.
- **Backend & Database:** Node.js, Laravel, PHP, PostgreSQL, MySQL, Prisma ORM, Firebase, REST API.
- **Tools:** Git, Postman.
- **Project Domains:** Fleet/Logistics Management, Payment Gateway Integration (Midtrans), Event Ticketing Systems, Real-Time Geo-Location.
- **Languages:** English, Indonesian.

ADDITIONAL INFORMATION

- **Certifications:** Python, SQL, PHP, React, Web Development, Git, HTML, CSS, JavaScript
- **Portfolio & Code:** davidgrcias.github.io · github.com/davidgrcias