

DAVID GARCIA SARAGIH

FULL STACK DEVELOPER

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SUMMARY

Full Stack Developer specializing in production-grade web platforms and applied AI products. Proven track record turning complex manual operations into scalable systems — a fleet platform handling **2k+ daily trips** for **1.4k+ users**, an event ticketing system processing **Rp 100M+ in sales**, and HRMS architecture for aviation operations. Fluent across the stack with **Next.js**, **Laravel**, **Node.js**, and **PostgreSQL** — and capable of owning the full lifecycle from code to cloud deployment. I build end-to-end products powered by **modern AI coding tools** and **Agent-driven workflows** to ship fast without compromising quality, complemented by native **Android (Kotlin)** experience.

EXPERIENCE

Full Stack Developer (JakLingko Komilet Jaya), K3V Credo Integrasi Jul 2025 – Present

- Built and **remotely maintaining** a production fleet platform (**Next.js**, **PostgreSQL**, **Nginx/PM2**) for **383 vehicles**, **1.4k+ users**, digitizing driver ops, vehicle ownership, admin workflows, and management reporting in a unified **role-based system**.
- Engineered core modules: **payroll** (200k+ trips), **attendance**, **TransJakarta verification** (30k+ entries), **mileage tracking**, **financial reporting**, **income estimation**, and **Excel/PDF exports** — all auditable with **600k+ logs**.
- Replaced paper workflows with digital processes, **cutting verification from days to minutes** while handling **2k+ daily trip records** across multiple operational layers.

Software Developer (GMF AeroAsia), NuxaTech Jan 2026 – Apr 2026

- Co-developed HRMS features and core architecture for Oman operations.
- Resolved critical bugs and enhanced security for aviation support systems.
- Optimized workflow efficiency through feature development and technical services.

Head of Web Division, UMN Festival 2025 Mar 2025 – Nov 2025

- Led development of UMN Festival's website (**Laravel**, **React**, **MySQL**, Midtrans), **processing Rp 100M+ in sales** (1.4k orders, 2k+ tickets) with **automated PDF e-tickets**, QR scanning, and **camera-based validation**.
- Built admin dashboard, referral system, and dynamic layouts for non-technical staff, streamlining event ops and reducing manual errors.

Web Developer, Rental Mobil City Park (Family Business) July 2024 – July 2025

- Built the business's **frontend website** and configured **Google Maps Business Profile**, achieving **1k+ monthly customer interactions** and a **5-star rating (70+ reviews)**.

IT Content Creator, David G Tech - YouTube & TikTok Mar 2021 – Sep 2025

- Built a tech community of **25k+ followers** (7.8k+ YouTube, 17k+ TikTok) with **2M+ views**, producing practical coding tutorials for beginners.
- Monetized via **YouTube Partner Program**, **brand sponsorships**, and source code sales (PayPal, Trakteer, Gumroad), demonstrating entrepreneurial initiative.

Web Developer Committee Roles — Universitas Multimedia Nusantara Sep 2023 – Oct 2024

- **UMN VJD 2024 (Frontend)**: Built dynamic UI components using TypeScript.
- **PPIF UMN 2024 (Frontend)**: Built responsive home pages/UI using React and Tailwind CSS.
- **UMN Tech Festival 2024 (Backend)**: Developed and maintained backend APIs using Laravel.

Web Developer Intern, DAAI TV Mar 2022 – May 2022

- Built a web app for generating customized digital Eid al-Fitr greeting cards.

EDUCATION

Bachelor of Computer Science - Universitas Multimedia Nusantara

GPA: 3.81 · Honors: 3rd Place - FTI Tech Innovation Showcase (2024)

Software Engineering - SMKS Cinta Kasih Tzu Chi

Grade: 89.6 · Achievements: National FIKSI 2021 Participant, Top 3 Class Rank

PROJECTS

Google Business Profile Management Platform (*Next.js, PostgreSQL, Docker*) May 2026

- Built a multi-tenant GBP dashboard with RBAC, approval workflows, real-time Push Notifications, and automated background sync — deployed on cloud via Docker.

Enterprise AI Meeting Note Taker (*Next.js, Firebase, GCP – Vertex AI, BigQuery*) April 2026

- Built an AI-powered meeting assistant with a dual-engine transcription pipeline (**Gemini + Vertex AI Chirp**) that auto-generates structured, citation-grounded Minutes of Meeting.

AI Faceless Video Generator (*React, FastAPI, Whisper*) Mar 2026

- Built an end-to-end audio-to-video pipeline combining **Whisper** transcription and AI image generation, featuring real-time progress tracking and auto-retry to keep video creation running smoothly.

AI Powered WebOS Portfolio (*React, Tailwind CSS*) Feb 2026

- Built a personal portfolio as a browser-based **WebOS Desktop** with window management, a virtual filesystem, and an AI Agent for autonomous navigation.

GPS Fleet Tracking – Android App (*Kotlin, Jetpack Compose*) Jan 2026

- Built the native driver app for the **Komilet Jaya JakLingko** platform with real-time GPS tracking and an offline-first architecture to capture accurate mileage on unstable networks.

Ark Care Ministry Website (*Laravel, MySQL*) Nov 2024

- Built a full-stack CMS for a nonprofit, enabling non-technical staff to manage content, media, and programs via an intuitive admin dashboard.

SKILLS

- **Frontend & Mobile:** JavaScript, TypeScript, Next.js, React, Tailwind CSS; Android: Kotlin, Jetpack Compose.
- **Backend & Database:** Node.js, PHP, FastAPI, Laravel, RESTful APIs, PostgreSQL, MySQL, Prisma ORM, Firebase, BigQuery.
- **DevOps & Tools:** GCP, Linux/Ubuntu, VPS Administration, Nginx, PM2, Docker, CI/CD, Git, Postman, Jira.
- **AI & ML Integration:** Gemini, Vertex AI, Whisper.
- **AI Tools:** Claude Code, Antigravity; MCP: Composio, Firecrawl, Brave Search.
- **Project Domains:** Fleet & Logistics ERP, Event Ticketing, GBP Management, Applied AI Products.
- **Languages:** English, Indonesian.

ADDITIONAL INFORMATION

- **GitHub Activity:** 2.1k+ contributions in the past year · 120+ followers
- **Portfolio & Code:** davidgrcias.github.io · github.com/davidgrcias