

# DAVID GARCIA SARAGIH

## FULL STACK DEVELOPER

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### SUMMARY

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**Full Stack Developer** with experience owning and operating high-transaction logistics and event systems. Built and maintained production platforms handling **2k+ daily trip records** and **200k+ payroll entries**, replacing manual workflows with scalable, role-based solutions. Strong in **Next.js**, **Laravel**, relational databases, and payment integrations, with additional native Android (**Kotlin**) experience.

### EXPERIENCE

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#### Software Developer (GMF AeroAsia), NuxaTech

Jan 2026 – Present

- Developed and maintained enterprise-grade aviation software, ensuring operational stability through rigorous risk analysis.
- Managed full software lifecycle and deployments while collaborating with QA/BAs to deliver robust aviation digital solutions.

#### Full Stack Developer (JakLingko Komilet), 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.

#### 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** (65+ 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

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<b>Bachelor of Computer Science - Universitas Multimedia Nusantara</b> GPA: 3.81 (Expected Graduation: Aug 2027) · Honors: 3rd Place - CODEXPO (ConnectFTI 2024) <i>*Available for full-time employment (Semester 6-7 Campus Enrichment Program).</i>	Aug 2023 – Present
<b>Software Engineering - SMKS Cinta Kasih Tzu Chi</b> Grade: 89.6 · Achievements: National FIKSI 2021 Participant, Top 3 Class Rank	Jul 2020 – Jul 2023

## PROJECTS

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<b>WebOS Portfolio &amp; AI Agent</b> <i>Solo Project</i>	Jan 2026 – Present
• Architected a <b>futuristic personal portfolio website</b> as a <b>WebOS Desktop UI</b> (React, Tailwind CSS) with window management, virtual filesystem, and a <b>hybrid RAG Agent</b> (Vector Search + Regex) for <b>autonomous system control</b> .	
<b>Komilet Pramudi - GPS Fleet Tracking (Android App)</b> <i>Android Developer (Solo)</i>	Dec 2025 – Jan 2026
• Developed the native Android driver app for the <b>Komilet JakLingko</b> platform using <b>Kotlin</b> and <b>Jetpack Compose</b> , extending the web ecosystem with <b>real-time GPS fleet tracking</b> .	
• Engineered a complex <b>offline-first architecture</b> with adaptive polling and background services to ensure accurate mileage data capture under unstable network conditions.	
<b>Ark Care Ministry Website</b> <i>Full Stack Developer</i>	Nov 2024 – Dec 2024
• Built a <b>full-stack content management platform</b> for a nonprofit organization, enabling dynamic updates for activities, programs, and media through an intuitive admin dashboard.	

## SKILLS

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- **Frontend & Mobile:** Next.js, React, Angular, TypeScript, Tailwind CSS; Android: Kotlin, Jetpack Compose.
- **Backend & Database:** Node.js, Laravel, RESTful APIs, PostgreSQL, MySQL, Prisma ORM, Firebase.
- **DevOps & Tools:** Linux/Ubuntu, VPS Administration, Nginx, PM2, Docker, CI/CD, Git, Postman, Jira.
- **AI-Augmented Development:** GitHub Copilot, Cursor, Antigravity.
- **Project Domains:** Custom Fleet & Logistics ERP (Payments, RBAC, Audit), Event Ticketing, Geospatial Systems.
- **Languages:** English, Indonesian.

## ADDITIONAL INFORMATION

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- **GitHub Activity:** 1.3k+ contributions in the past year · 110+ followers
- **Portfolio & Code:** [davidgracias.github.io](https://davidgracias.github.io) · [github.com/davidgracias](https://github.com/davidgracias)