

Jayson Christopher Lim

INFORMATION SYSTEMS STUDENT / APPLIED AI INFRASTRUCTURE, AGENT SYSTEMS, REVERSE ENGINEERING

+62 822-6000-2168 · limjayson59@gmail.com · jaylabb.my.id · linkedin.com/in/jayson-jay · github.com/GodrezJr2

Information Systems student at Universitas Multimedia Nusantara, 2024 cohort, entering semester 5, GPA 3.29. I build agent infrastructure and reverse-engineered systems: an LLM routing benchmark harness, a multi-agent protocol layer, a reverse-engineered EV telematics dashboard, and applied computer vision for construction-site safety. I frame each problem, work through the design with AI as a research and discussion partner, then direct implementation and validate every result against real behavior before shipping.

TECHNICAL SKILLS

- **AI/ML:** LLM integration (OpenAI, Anthropic, Gemini, DeepSeek, Ollama), RAG, multi-agent systems, YOLOv8, SARIMAX
- **Data/Infra:** Supabase/PostgreSQL, SQLite, Docker, GitHub Actions, Ubuntu Server, Tailscale, Tableau, Streamlit
- **Mobile:** Flutter, Dart, Riverpod, Google ML Kit OCR, Android/iOS release signing, fastlane
- **Web & Languages:** Next.js, React, FastAPI, Node.js, REST APIs · Python, TypeScript, JavaScript, Dart, SQL
- **Tooling:** Git, GitHub, Playwright, Jupyter, Claude Code, Gemini CLI

SELECTED PROJECTS

- **RouteBench** Self-initiated, 2026
TypeScript, Node.js · github.com/GodrezJr2/RouteBench
Local-first CLI + dashboard profiling LLMs on real, executed work (unit tests, turn-by-turn repo repair) instead of a leaderboard score; exports a per-task routing config for gateways like 9router. 200 passing tests, sole author, 45 commits.
- **J5 EV Dashboard** Self-initiated, 2026
Python, WebSocket, SQLite, Docker · github.com/GodrezJr2/j5-ev-dashboard
Reverse-engineered the undocumented CarLinko telematics API for a Jaecoo J5 EV (73-byte binary payload, no MITM). Self-hosted PWA reconciles charging cost to real PLN Mobile receipts to 99.6–99.9%; daily use on my own car, 21 GitHub stars.
- **Agent-to-Agent Office** Self-initiated, 2026
JavaScript, Next.js, Docker, A2A Protocol · github.com/GodrezJr2/Agent-to-Agent
Multi-agent office layer built on top of the open-source 9router codebase (157 of 576 commits mine). Implemented Google's A2A Protocol over JSON-RPC 2.0 end to end, with @mention routing, persistent memory, cron tasks, and fallback across 40+ LLM providers.
- **Tracking Expense, Flutter mobile app** Self-initiated, 2026
Flutter, Riverpod, Supabase, Google ML Kit
Receipt-scanning expense tracker, feature-first clean architecture (36 Dart files, 6,700 lines), Supabase RLS + atomic SECURITY DEFINER RPC. Five-pass on-device OCR engine for Indonesian receipts with a confidence score the user reviews before write.
- **BCA e-Statement Auto-Categorizer** Coursework, 2026
TypeScript, Python, FastAPI, Supabase, Docker · github.com/GodrezJr2/bca-e-statement-auto-categorizer
End-to-end pipeline parsing BCA e-statement PDFs, LLM-categorising transactions into PostgreSQL. FastAPI backend + Next.js review dashboard built around a human-correction step. 97 commits, sole author.
- **PPE Compliance Monitoring, group project of 4** IS411 Final, 2026
YOLOv8, OpenCV, Tableau
My role: dataset engineering + model training. Diagnosed a 28.8x annotation-level class imbalance and fixed it with stratified sampling; trained YOLOv8n to mAP@0.5 of 0.81, feeding a per-camera-zone Tableau compliance dashboard.

OPEN-SOURCE CONTRIBUTIONS

- **Forge, agentic coding CLI (built by a friend, KennyUMN/KennyVWS)** 2026
TypeScript · github.com/KennyUMN/forge
11 of 73 commits: full-screen terminal UI (Ink), the permission-mode system (ask → accept-edits → auto) with a live context meter, and a Windows port of the shell/glob/grep execution layer.
- **9router, LLM router** 2026
JavaScript, Node.js · github.com/decolua/9router
One merged PR (#1144, sanitising tool arguments to stop retry loops with non-Anthropic models), plus two open PRs.

EDUCATION

Bachelor of Information Systems, Universitas Multimedia Nusantara, Tangerang

2024–2028

In progress, expected 2028. GPA 3.29/4.00. Coursework: Advanced Big Data Analytics, Data Modelling, Data Visualisation, OOP, Visual Programming, Project Management.

COMPETITION & LANGUAGES

C2C CTF 2026 Qualifiers, INCS-CoE, Universitas Indonesia

Feb 2026

International cybersecurity qualifier: web exploitation, reverse engineering, forensics, cryptography. Published a public writeup.

Languages: Indonesian (native) · English (professional working proficiency) · Hokkien (heritage)