Emerjoe Rosas

Full-Stack Software Engineer

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Professional Summary

Product-minded full-stack engineer with 3+ years building and operating production SaaS, infrastructure, and developer tools. Co-founded KeyFleet, a B2B car-rental SaaS scaled from 0 to 100+ onboarded businesses, and lead development of a learning platform serving 4,500+ student accounts. Open-source work in TypeScript, Python, PHP, and Flutter. Based in the Philippines; available for remote roles, including contract and employer-of-record (EOR) arrangements.

Experience

Independent Software Developer | Freelance | Remote | Jan 2023 - Present (part-time)

- Built and operate a production learning platform for a PRC review center serving 4,500+ active student accounts; own it end to end, from architecture and deployment to monitoring and support.
- Shipped courses, assessments, PRC-aligned mock exams, and real-time messaging with Laravel, Filament, Redis/Reverb, MySQL, and Docker.
- Designed role-based access and branch-level data isolation so each branch sees only its own students' data.

Technical Co-Founder | KeyFleet (keyfleethub.com) | Remote | Apr 2025 - Present (part-time alongside full-time role through Oct 2025)

- Co-built a B2B car-rental management SaaS covering fleet availability, bookings, customers, contracts, invoicing, inspections, and reporting (Laravel, Filament, MySQL, Docker).
- Own infrastructure (servers, CI/CD, deployments, security, monitoring), helping scale the platform from 0 to 100+ onboarded businesses.

Software Engineer | Sucre Technology Inc | Pasig, Metro Manila, Philippines | Dec 2023 - Oct 2025 (full-time)

- Led delivery of 3 client projects as the technical decision-maker, turning business requirements into production PHP and JavaScript applications.

- Diagnosed and fixed production issues, including optimizing database queries to improve application performance.
- Refactored, tested, and debugged code to improve maintainability and resolve defects, working directly with clients and internal teams.

Projects

Horus | Open-source runtime inspection tool for coding agents | GitHub

- Designed the runtime capture architecture that records traces, values, failures, and call relationships across Python, JavaScript/TypeScript, and PHP, and exposes it to coding agents through MCP.
- Built with Next.js, TypeScript, Python/FastAPI, and SQLite; shipped beta SDKs on npm, PyPI, and Packagist.

Multiplexr | Open-source Android media library | GitHub

- Built an Android media library app (Flutter, Dart, Kotlin, Media3/ExoPlayer, SQLite) covering playback, reading, organization, and progress tracking.
- Designed a permissioned JavaScript plugin system on QuickJS/JNI; released v0.5.0 under GPL-3.0-only.

Technical Skills

Product engineering: TypeScript, React, Next.js, Tailwind CSS | Python, FastAPI | PHP, Laravel, Livewire, Filament

Data & infrastructure: PostgreSQL, MySQL, Redis | Docker, Linux, Nginx, AWS | CI/CD with GitHub Actions

Tooling & practices: Git, REST APIs, PHPUnit, Pest, Jest, Sentry

Education

Bachelor of Science in Information Technology | Nueva Ecija University of Science and Technology | Jul 2023