MARC LOUIE SACAYAN

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software developer experienced in backend systems, APIs, databases, and client implementations. Strongest in Python/Django, SQL data workflows, integrations, and practical process automation. Builds with agentic coding workflows and has operated AI-enabled tools connected to a self-hosted server environment. Experienced in data migration, scheduled tasks, Docker-based deployments, and communicating across technical and business teams.

TECHNICAL SKILLS

Scripting & backend: Python, Django, Django REST Framework, AdonisJS, PHP/Laravel, Go, JavaScript, TypeScript
Data & integration: SQL, PostgreSQL, MySQL/MariaDB, SQLite, MongoDB, REST APIs, data migration and validation, scheduled ingestion, WebSockets
Automation & operations: Celery, CRM workflow configuration, Docker, Traefik, Contabo, Linux, Git, technical documentation
AI development: Agentic coding workflows, LLM-assisted implementation/refactoring/review, AI assistant tool integration
Platforms & UI: Vue.js, React, SvelteKit, Electron.js, Firebase, pytest

PROFESSIONAL EXPERIENCE

Freelance Software Developer | IJEME Client Project Jul 2026 - Present

- Built the v1 Django/DRF backend for an internal inventory, attendance, and payroll system, then rebuilt v2 with cleaner code and an improved UI.
- Implemented real-time transaction updates with Django Channels and scheduled overdue inventory-return checks with Celery.
- Designed per-deployment client branding to support onboarding the same backend for client subdomains.

Implementation Specialist | Laivly Jul 2023 - Mar 2025

- Led end-to-end CRM implementations, including Salesforce, aligning configuration with sales, marketing, and support workflows.
- Configured modules, fields, workflows, and automations; migrated and cleaned legacy customer data with integrity checks.
- Provided post-launch support and improved configurations using stakeholder and user feedback.

Lead Software Engineer | Symbolink Nov 2021 - Jul 2023

- Led delivery of a cross-platform desktop application for Baguio Traffic Enforcement Unit using Vue.js, Electron.js, and AdonisJS.
- Oversaw frontend/backend architecture and API integration for enforcement data management; guided engineers and coordinated milestones.

Senior Software Developer | Grandshipper Apr 2021 - Oct 2022

- Modernized a shipping platform by migrating its backend from Laravel to AdonisJS/TypeScript and upgrading the frontend to Vue 3.
- Added WebSocket-based real-time features and Dockerized the application to improve environment consistency and deployment.

PROFESSIONAL EXPERIENCE - CONTINUED

Software Developer | **Livei** Jul 2020 - Apr 2021

- Built the company public-facing front page with PHP/Laravel while contributing to research and development.
- Managed multiple servers and developed full-stack experience in a production environment.

Junior Web Developer | **ITech-PFS Technology Inc.** Apr 2017 - Nov 2019

- Advanced from intern to full-time developer and contributed to backend development using Python and Django.
- Worked with Linux, Git, and staging deployments as part of software delivery.

INDEPENDENT PROJECTS & AI TOOLING

Independent Product Development | **Self-directed projects** Apr 2025 - Jun 2026

- Used Hermes, an AI assistant with tools to fetch, pull, and redeploy hosted projects on a production Linux server; explored how its tool model relates to MCP integrations.
- Used agentic coding workflows to direct LLM agents through implementation, refactoring, and review on a self-hosted Docker/Traefik stack on Contabo.
- Built a Go/PostgreSQL/SvelteKit TCG price tracker with scheduled ingestion and normalized price history, plus a Python RPG engine with a validated action pipeline and pytest suite. Live project

SELECTED PROJECT

Baguio City Ticketing System | AdonisJS, TypeScript, Vue.js, Electron.js, MySQL
Cross-platform application for managing traffic and ordinance violations, reports, and enforcement operations.

EDUCATION

Bachelor of Science in Information Technology | STI Colleges Baguio | Jun 2013 - Apr 2017

PORTFOLIO & CONTACT

lewee.link | github.com/mlewee | LinkedIn