

Michael John Gonzales

Senior Software Engineer · 10 years on Odoo, OpenERP through Odoo 19

Solano, Nueva Vizcaya, Philippines · Remote roles only

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SUMMARY

I have worked on Odoo for ten years, starting on OpenERP before the rename and following it through every major release to Odoo 19. **Six of those years went into full implementations that ran clients' entire operations:** hospitals, hotels, retail and real estate in the Philippines, several of them single-handedly from requirements gathering to go-live. The last four have gone into social protection platforms that governments use to register and pay beneficiaries. I am one of the core developers of **OpenSPP**, an open-source Odoo platform for cash transfers and farmer registries, where I am the **top contributor** to the current version and a named maintainer on 53 of its modules. Most of what I write is Python, Odoo and PostgreSQL, though the earlier years were broader: queueing systems in C# with PHP front ends, ward monitoring on .NET, and a React Native mobile app for a property developer. I also work on OWL and JavaScript views, REST APIs, geospatial data, the Docker and CI setup, and the UI/UX design of what I build.

CORE SKILLS

Languages	Python, C#, PHP, JavaScript, TypeScript, SQL, XML, SCSS/CSS. Also shipped one project each in Ruby and MySQL, into client systems already built on them.
Frameworks	Odoo, Flectra, .NET, React, React Native, OWL, FastAPI
Odoo in depth	Ten years across the platform's history, OpenERP through Odoo 19 , most recently versions 15, 17 and 19. Module development, models and ORM, business workflows, security groups and ACLs, QWeb and OWL views, wizards, reporting, point of sale, and version-to-version migration; full implementations from requirements through deployment.
APIs & integration	REST, JSON-RPC, XML-RPC, OAuth authentication, third-party system integration, queue_job asynchronous processing
Data	PostgreSQL, MySQL, PostGIS and geospatial data, bulk import and record matching, schema migration
Design	UI/UX design for the interfaces I build; Canva, Adobe Photoshop, Adobe Lightroom
Tooling	Docker and Docker Compose, Git/GitHub, GitHub Actions, pre-commit, automated module test suites
Implementation	Requirements gathering with clients, module customisation to business process, data migration from legacy systems, user training, go-live and post-launch support
Practice	Code review, test authoring, QA process design, technical documentation (Sphinx/RST), open-source collaboration across distributed teams
Domains	Social protection and government beneficiary registries, disaster relief logistics, agriculture and farmer registries, healthcare administration, hospitality, retail and point of sale, real estate

EXPERIENCE

Odoo Developer ACN July 2025 - Present · Remote

Core developer on OpenSPP, an open-source social protection platform on Odoo used by governments and NGOs to run beneficiary registries and aid programmes. Continued on the same product after it transitioned from NewLogic to ACN.

- **Top all-time contributor to OpenSPP2**, the Odoo 19 re-platforming of OpenSPP, and **listed maintainer on 53 of its modules**.
- **Principal contributor to the DRIMS disaster relief module.** received-quantity wizard on goods receipt, bidirectional incident-warehouse links with filtered donation and request pickers, reviewer notes on change requests, resubmission of revised requests, an incident alert state, and corrected stock-value and distribution KPIs on the incident dashboard.
- **Principal contributor to the beneficiary change-request system.** household membership changes, head-of-household transfer, approval strategies and the supporting test suite.
- Authored the **repository-wide pull request review guide** and reviewer checklist now used by the team, plus the QA test-guide format that gives testers a reproducible environment and explicit verification steps.
- Shipped features across programme and cycle management, eligibility scoring, disability and farmer registries, geospatial registrant data, vocabularies and the REST API layer.
- Deliberately fix- and hardening-heavy: roughly **500 commits are bug fixes and regression work** on production-facing behaviour, delivered alongside new features.

Core developer on OpenSPP from the platform's first month through its main build-out phase.

- Joined the project in **August 2022, its first month**. First commit eleven days after the initial repository was created.
- Contributed to **100+ modules** spanning registries, programmes, entitlements, ID issuance, document management, approvals and consent.
- Created **the ID card issuance queue**, used to batch, approve, print and distribute beneficiary ID cards.
- Created the **Laos farmer registry module**, and contributed to the shared farmer-registry base, demo and change-request modules that country deployments build on.
- Created the **event-data module**, which records dated events against registrants and groups, and am listed as one of its maintainers.
- Contributed to the OpenSPP API layer, administrative area hierarchy, import matching, and OAuth authentication and user-role modules.
- Contributed **140+ commits** to the official OpenSPP documentation.

Six years full-time delivering **full Odoo implementations** that ran clients' entire business operations, across healthcare, hospitality, retail and real estate. Started on **OpenERP** with the firm's first client, a hospital, and carried the client base forward through successive Odoo versions as the platform evolved. Continues as contract delivery alongside my current role.

- **Sole implementer, end to end, for the hotel, retail and real-estate clients:** requirements gathering with the client, module development and customisation, data migration from their previous systems, user training, and go-live.
- **Two hotels in the Visayas region:** property and daily operations management.
- **Hospital management systems for multiple private hospitals across the Philippines** (clients under NDA), delivered as a two-developer team, with the module scope split between us.
- Retail and point-of-sale systems for small businesses; a real-estate / realtor operations platform.
- Not all of it was Odoo: **queueing systems in C#** with the front end in PHP, **ward monitoring on .NET**, and **mobile apps in React Native** for a real-estate development.
- Recent contract delivery includes a **25-stage production workflow system** for a garment manufacturer on Odoo 19 (stage sign-offs, spec-workbook import, size-chart matrix, per-menu access control), and rental and logistics modules for an equipment distributor on Flectra 3.

OPEN SOURCE

OpenSPP is a social protection platform on Odoo (LGPL-3), used by governments for cash transfers, farmer registries and beneficiary targeting.

OpenSPP/OpenSPP2, #1 all-time contributor	588 commits
OpenSPP/openspp-modules, #2 all-time contributor, 38★ / 24 forks	663 commits
Merged pull requests across the OpenSPP organisation	334 PRs
Listed maintainer in module manifests of the current codebase	53 modules
Code reviews given on other contributors' work	189 reviews
Tenure: first commit 11 days after the project's initial repository	since Aug 2022

PERSONAL PROJECTS

RAP	Restaurant Agile Platform (Odoo 19). Restaurant operations on Odoo's point-of-sale foundations: floor and table management with configurable colour states, protection against cancelling orders already in the kitchen, PDF reporting, a demo-data generator, and a CLI that brings the stack up under Docker.
BEAM	Business Essentials & Automation Modules (Odoo 19). Philippine HR and payroll: attendance, shift changes, leave, recruitment and separation workflows with a management dashboard, built on a generic multi-tier approval engine shared across the suite.

LANGUAGES

Filipino (native) · English (professional working proficiency)