

NGUYEN THANH PHU

Odoo Developer | ERP Software Engineer

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PROFESSIONAL SUMMARY

ERP software engineer focused on delivering practical Odoo solutions for real business operations. At Besco Consulting, built and customized ERP workflows for client projects in POS, Purchase, Inventory, Manufacturing/Subcontracting, Planning, Outsourcing, and API integration. Known for turning ambiguous business requests into workable technical designs, validating solutions through Odoo source code, database behavior, logs, user flows, and production issue analysis.

CORE STRENGTHS

Odoo / ERP Delivery: Business requirement analysis, solution design, custom module development, workflow/state design, UAT support, production debugging. **Functional Domains:** POS, Purchase, Inventory, Sales, Manufacturing/MRP, Subcontracting, Planning, Outsourcing, Accounting-related flows, API integration. **Technical Stack:** Python, Odoo ORM, XML, QWeb, JavaScript/OWL, PostgreSQL, HTML/CSS, REST APIs, Docker, Linux, Git. **AI-Augmented Engineering:** ChatGPT, Claude, GitHub Copilot, Gemini, Perplexity, Grok, Cursor, and Antigravity for source-code research, debugging hypotheses, code review support, refactoring options, documentation, test case design, and requirement clarification - with final decisions verified against code, logs, data, and business rules.

PROFESSIONAL EXPERIENCE

Besco Consulting — Ho Chi Minh City, Vietnam

Jun 2025 - Present

Odoo Developer

- Delivered Odoo ERP customizations for client projects including **GKitchen, Viet Nguyen Precision, and Gotco** by combining business analysis, backend development, frontend customization, testing, and production support.
- Improved POS operating accuracy for GKitchen by redesigning receipt, promotion, loyalty, coupon/voucher, payment, tax, delivery fee, session-reporting, and reprint behaviors; helped operators verify complex bills and promotion cases with less manual checking.
- Strengthened Purchase and Inventory traceability by adding received-value calculations, purchase summary logic, vendor reference handling, stock quant filtering, warehouse restrictions, reporting fields, and scheduled/server actions.
- Enabled Viet Nguyen Precision to track cross-department production and outsourcing workflows by customizing multi-module flows across Sales, Purchase, Inventory, Manufacturing, Planning, and Subcontracting with custom states, permissions, and operational views.
- Built API-based integration and custom data handling for Gotco to connect Odoo with external systems, improve data exchange, and reduce disconnected manual processes.
- Reduced delivery risk by clarifying requirements with functional teams/users, deciding when to use standard Odoo features versus customization, and validating changes through user scenarios, logs, database checks, and regression testing.
- Used AI-assisted development tools as part of the engineering workflow to speed up technical research, compare implementation approaches, review/refactor code ideas, draft documentation/test cases, and investigate production issues while keeping final technical decisions grounded in Odoo behavior.

Quoc Cuong Trading Services and Technology Co., Ltd. — Ho Chi Minh City, Vietnam

Feb 2025 - Apr 2025

Operations Assistant

- Maintained internal order, product, and customer records; supported customer/internal requests through email and chat; updated WordPress content and SEO-oriented landing pages, giving practical exposure to business operations before moving into ERP development.

IT X Services Company Limited — Ho Chi Minh City, Vietnam

Jun 2024 - Aug 2024

Web Developer Intern

- Built and maintained web application features using PHP, Laravel, HTML, CSS, JavaScript, and Angular; worked with REST APIs, MVC architecture, feature testing, documentation, and daily technical discussions.

REPRESENTATIVE ERP PROJECT IMPACT

GKitchen — *Odoo POS & Purchase Customization*

- Customized POS and Purchase flows to support F&B/retail operations with complex promotions, vouchers, loyalty points, payment rules, receipt printing, session reports, and purchase tracking; success was measured by whether store users could process real orders, reconcile payments, and review promotion details correctly in daily operations.

Viet Nguyen Precision — *Custom Multi-Module Odoo Development*

- Translated manufacturing and outsourcing requirements into trackable ERP workflows covering material purchasing, internal processing, vendor subcontracting, finished goods receiving, and customer delivery; the solution helped connect operational steps that would otherwise be tracked separately by departments.

Gotco — *Odoo Customization & API Integration*

- Implemented custom workflows and API-based data exchange so Odoo could interact with external services, improving process continuity between ERP data and non-Odoo systems.

ADDITIONAL PROJECT

Attendance Management Application — *Graduation Project*

- Developed a mobile attendance system using Flutter, Laravel, Flask, PostgreSQL, and Docker; implemented face recognition and geofencing workflows, demonstrating end-to-end product thinking from mobile UI to backend services and deployment.

EDUCATION

Industrial University of Ho Chi Minh City

Sep 2021 - Feb 2025

Bachelor of Engineering in Information Systems | GPA: 3.15 / 4.0 | English: TOEIC 620 - Technical reading and basic verbal communication