Nidal SJ

Odoo Developer

nidalsjdev@gmail.com | Calicut, Kerala | linkedin.com/in/nidalsj | github.com/nidalsj

PROFESSIONAL SUMMARY

Odoo Developer with **2+ years** of professional experience building custom ERP solutions across hospitality, healthcare, trading, and food and beverage industries on Odoo 14 and above. Specialized in **accounting reports**, **OWL dashboards**, **REST APIs** for mobile apps, and **third-party integrations**. Experienced in version migrations, Odoo deployment and maintenance, and mentoring junior developers.

SKILLS

Programming Languages: Python, JavaScript

Odoo Development: Odoo ORM, Custom Module Development, XML Views, View Inheritance, Access Control, Record Rules, QWeb Reports, HTTP Controllers, Scheduled Actions, Third-Party API Integration, Version Migration

Front-End Development: OWL, HTML, CSS, Bootstrap

Database: PostgreSQL

Deployment: Odoo.sh, Linux Server Deployment

Tools: Git, GitHub, Postman

PROFESSIONAL EXPERIENCE

Odoo Developer, Code-OX Technologies — Apr 2024 - Present

Company Website

- Delivered tailored Odoo solutions for **5 clients** across hospitality, healthcare, trading, and manufacturing, adapting modules to each industry's workflows on Odoo versions 14 to 19.
- Spearheaded the **Odoo 16 to 17 migration** of a hotel management system, porting all custom modules and resolving version incompatibilities with **zero data loss in 3 weeks**.
- Optimized a food delivery platform by profiling with **py-spy** and resolving code bottlenecks, cutting dashboard load time by ~20%.
- Mentored **2 student interns** in Odoo functional and technical development, preparing them for junior developer roles.

PROJECTS

DIET MANAGEMENT AND FOOD DELIVERY SYSTEM - DIET DONE

- Architected an interactive OWL dashboard with dynamic date filters, multiple chart types, and drill-down navigation, aggregating customer subscription, delivery partner, and payment data through PostgreSQL queries for 10000+ customers.
- Developed REST API endpoints using Odoo HTTP controllers, with token-based request validation and standardized JSON responses, to connect the mobile app for login, delivery area lookup, order placement, profile management, subscription updates, and dispatch operations.
- Automated subscription lifecycle tasks with scheduled actions, covering renewal alerts, freeze and hold days, and unpaid invoice follow-ups, reducing manual follow-up for the operations team.
- Implemented role-based access control with Odoo security groups and record rules, restricting kitchen, delivery, and sales staff to the data and actions their role requires.

HOTEL MANAGEMENT AND BOOKING SYSTEM - SHAMMASY

- Led the migration of the hotel management system from Odoo 16 to Odoo 17, addressing version compatibility and migrating customizations.
- Developed customized VAT and Profit & Loss reports with date filters, account-wise debit and credit summaries, and drill-down to journal entries, and tailored QWeb accounting document layouts to client branding.
- Integrated Odoo with a third-party reporting platform, sending room occupancy, guest counts, and revenue from live hotel data.
- Built an interactive, color-coded room calendar dashboard with month-wise navigation, enabling front-desk check-ins, check-outs, stay extensions, and maintenance management for 200 rooms.
- Conducted client consultations and training on daily workflows, ensuring a smooth handover.

CAFE AND RESTAURANT POINT OF SALE SYSTEM - RASHA BOWL

- Customized the Odoo 18 POS ordering interface, extending OWL components and backend logic to capture product preparation details and restaurant-specific order options.
- Automated weekly Sales Order reporting through scheduled Excel report generation and delivery, eliminating manual weekly report preparation.
- Assisted with deploying and maintaining the Odoo 18 Community Edition POS system on a self-hosted server, supporting the restaurant's day-to-day operations.

ODOO 20 CUSTOM MODULE - AI DATA ASSISTANT

Project Link

- Built an AI assistant module that answers plain-English business questions as formatted tables, running on free LLM tiers (Groq, Gemini, OpenRouter) through a single OpenAI-compatible adapter.
- Designed a secure query pipeline where the LLM returns a JSON spec that is validated and run through the ORM as the logged-in user, so access rights and multi-company rules always apply and no AI-written SQL is ever executed. Cut AI token usage per request by about 70% by sending only the relevant models.
- Developed a responsive Owl 3 chat interface with private multi-conversation history, per-user daily limits and graceful AI error handling.

ODOO 18 CUSTOM MODULE - BUSINESS DASHBOARD

Project Link

- Designed a business dashboard consolidating sales performance, top products and customers, delivery status, and key operational indicators into a single view for management decision-making.
- Built multi-company invoice payment summaries and productivity widgets for employee birthdays and task management.

EDUCATION

BCA, Computer Science, University of Calicut · Kerala, India

CERTIFICATIONS

Python Software Development Expert, National Council for Technology and Training

Full-Stack Development Online Internship Programme, University of Calicut