

Mohamed Reda Mahfouz

Odoo Developer & Python Back-end Engineer

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Egypt · Remote worldwide, on-site in Egypt or relocating abroad · Available: Full-time, Contract, or Freelance

SUMMARY

I build the parts of a business that cannot go down. Four years writing Python and shaping Odoo ERP around how companies actually work — custom modules, integrations, and the deployments that keep them running. Odoo versions: v14 → v19 (every major release). Stack: Python · C++ · PostgreSQL · REST APIs · Linux · Git · JavaScript · AI-assisted dev.

EXPERIENCE

Python / Odoo Developer — FSITCO

Saudi Arabia · Jan 2025 — Present

- Build features across the Odoo ERP stack, from module development through integration.
- Own parts of the deployment process that put releases in front of clients.

Python / Odoo Developer & Coach — Plementus

Best MENA Odoo Partner 2022 · Nominee 2024 · Jun 2023 — Jan 2025

- Developed and extended Odoo modules, writing the business logic behind client-facing features.
- Coached junior developers: ran daily task allocation, reviewed work, and mentored the team toward project goals.

Python / Odoo Developer — CDS

Egypt · Dec 2022 — Jun 2023

- Built custom Odoo modules and integrated third-party applications.
- Tuned database performance and supported deployments.

SELECTED PROJECTS

Dubai Police — Government — Procurement & Budget

Custom Odoo modules for purchase requests, multi-step approval chains, and budget control.

Foodtime — Food & Beverage — ZATCA e-invoicing & WhatsApp

Bilingual ZATCA-compliant tax invoices with QR codes, plus a self-hosted WhatsApp connector across partner/sales/invoice/purchase/CRM records.

Distribution-Link — Distribution — Route sales & reporting

Freshness, route-productivity, and cash-due reports with Excel export.

Al Ashraaf Developments — Real Estate — EOI & Sales

Built the Expression-of-Interest system turning leads into reserved units.

Wakeal — Trading — Multi-branch finance

Purchase-quantity report splitting every line into ordered / received / invoiced states.

Taverna — Food & Beverage — Full ERP

Restaurant ERP with order tracking, table reservations, kitchen workflows, dynamic menu pricing.

EO Group — HR Services — HR & Payroll

Employee management, payroll, attendance, performance evaluations, leave management.

+40 ERP systems shipped across 5 industries — see mohamed-reda.pages.dev for the full list.

SKILLS

Back-end	Python, Odoo ERP (v14 → v19), C++, REST APIs, Postman, OWL
Data & Ops	PostgreSQL, ORM, Git, Linux, DigitalOcean, Contabo, Odoo.sh
Front-end	JavaScript, React, HTML, CSS, XML views
Foundations	OOP, MVC, Data structures, Code review, Mentoring, AI-assisted development, Prompt engineering

EDUCATION

Bachelor's Degree in Computer Science — Benha University, Faculty of Computers and Informatics · 2021

Graduation project: IoT Smart Home System — grade: Excellent.

TRAINING

- React JS — Almadrasa (2024): components and hooks.
- Odoo Development — Course (2022): custom modules with the ORM, advanced business logic.
- Mastering Python — Course (2022): OOP, inheritance, data structures, web development.
- Python OOP — Udemy (2022).

Date of birth: 23 Jan 1998 · Military status: Completed · Languages: Arabic (native), English (professional)