

Mohamed Abdullah

Odoo Developer | Python Developer

Cairo, Egypt | muhamed.elkadry@gmail.com | +01017260349 |
<https://www.linkedin.com/in/mohamed-abdullah-309470268>

Profile

Dynamic Odoo Developer with a strong background in computer science, skilled in Python and Odoo framework. Expert in enhancing data models, automating workflows, and ensuring secure data handling. Committed to driving project success with innovative solutions.

Experience

Odoo Developer, Freelance

School Management System (ERP Module)

August 2025 – Present

- Enhanced models for Students, Classrooms, Grades, Stages, Bus Lines, and Bus Subscriptions managing over 500 records.
 - Implemented relational fields (Many2One, Many2Many, One2Many) for robust data structure.
 - Improved workflows for upgrades and withdrawals, boosting efficiency by 30%.
 - Created QWeb PDF reports with full Arabic support.
 - Configured role-based access controls (ACLs and Record Rules) for security.
 - Deployed server actions to automate notifications, reducing manual tasks by 25%.
 - Integrated with Odoo base modules including Invoicing, Accounting, and Res Partner.
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Education

B.Sc. in Computer Science

Higher Institute of Computer Science, 6th of October, Cairo, Egypt
September 2019 – July 2023

Skills

- Programming: Python, SQL (PostgreSQL), XML, HTML, CSS3, JavaScript
 - Tools: Odoo (v17), Git, GitHub, Ubuntu, Postman
 - Odoo: QWeb, Reports, Security, Views, Actions, API Integration
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Projects

Hospital Management System

April 2025 – May 2025

- Expanded models for Patients, Doctors, Appointments, and Departments.
- Added priority field in appointments, improving efficiency by 20%.
- Implemented role-based access for data security.
- Planned QWeb PDF reports and designed UI for usability.

Real-Estate Management Module

May 2025 – June 2025

- Built models for Property, Owner, and History managing over 100 listings.
- Created status tracking system to streamline workflow.
- Added smart buttons and filters for navigation.