

# Ibrahim Mohamed

Versatile Software Engineer

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## Professional Summary

Versatile software engineer with a strong foundation in backend development and API integration. Experienced in customizing and deploying Odoo modules, as well as designing high-performance RESTful APIs. Independent of specific frameworks, I focus on continually updating my skills to stay current with modern technologies. Proficient in maintaining code quality, enhancing infrastructure performance, and collaborating on technical decisions to meet complex business requirements.

## Education

**The Advanced Academy** (2014 - 2018)

Bachelor's degree in Information Technology

Grade: Good

## Work Experience

### Theaccounter – Backend Developer (May 2023 – Present)

- ✓ Refactored the codebase for improved performance and maintainability.
- ✓ Developed and customized Odoo modules to integrate external APIs, enhancing system interoperability.
- ✓ Optimized infrastructure, ensuring security compliance and achieving significant performance gains.
- ✓ Participated in strategic technical decisions to strengthen the company's technology stack.

### Spectrum – Python Developer (June 2022 – May 2023)

- ✓ Conducted requirements analysis and developed custom Odoo modules tailored to business needs.
- ✓ Created financial reports and deployed projects on VPS and Odoo SH.
- ✓ Contributed to technical decision-making, particularly around technology stack advancements.

### On Going – Python Developer (July 2021 – June 2022)

- ✓ Analyzed requirements and developed automation modules for HR operations.
- ✓ Addressed security concerns and deployed projects, ensuring reliable performance.

### Ordarawy Market – Software Engineer (March 2020 – June 2021)

- ✓ Designed and implemented high-performance RESTful APIs.
- ✓ Developed cost estimation services based on customer location, integrating PostgreSQL and Odoo with Flutter.
- ✓ Deployed projects on VPS using Nginx, optimizing system scalability.

## Open-source Projects

### E-commerce Application

- ✓ Developed a custom OTP-based authentication system for secure user access.
- ✓ Implemented a wallet feature for flexible payment options and real-time order notifications.
- ✓ Utilized Python, Django Rest Framework, PostgreSQL, Firebase, and Heroku for project deployment.

## Proficiency Skills

**Professional:** Python, Django, Odoo, API Development, Django Rest Framework, Effective Communication

**Intermediate:** Nginx, AWS, PostgreSQL, XML, TDD (Pytest, Factory Boy), Linux Server, Git, FastAPI

**Basic:** Docker, Firebase, Celery, JavaScript (React)

## Military Service

Completed

## Personal Skills

✓ Problem Solving

✓ Public Speaking

✓ Organization

✓ Presentation

✓ Communication

✓ Teamwork

✓ Eager to Learn

## Languages

✓ Arabic: Native

✓ English: Upper Intermediate