

# Ahmed Sayed Mohamed

## Odoo Developer

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Qalyub, Al-Qalyubia, Egypt

### EXPERIENCE

#### • Sera Group

*Odoo Developer*

Dec 2024 - Present

Obour City - Full-time

- Customized Odoo POS system (v18) with enhanced role-based permissions, tailored receipt designs, and intuitive user interfaces, resulting in improved operational efficiency.
- Developed comprehensive multi-layer HR penalty system (v16-17) featuring automated compliance tracking and authorization workflows, streamlining the disciplinary process across multiple departments.
- Built SQL-based POS-Inventory integration reports (v14) that provide real-time inventory tracking and sales analytics.
- Managed complete Odoo server infrastructure across versions 15 through 18, including environment configuration, database optimization, and deployment coordination.
- Automated Odoo version updates (v15-17) through GitHub Actions integration and custom controller development, reducing manual deployment time and minimizing system downtime.
- Engineered custom API integrations connecting Odoo with Google Sheets for automated report synchronization, ETA E-receipt system for Egyptian Tax Authority compliance, and other third-party services, extending system capabilities beyond standard functionality.

#### • InstaCódigo

*Software Engineer*

Mar 2024 - Aug 2024

Dubai - Remote

- Collaborated with cross-functional teams to design, develop, and implement high-quality Python solutions.
- Utilized Django and GraphQL on day-to-day tasks, including integrating payment gateways and enhancing user authentication.
- Updated legacy code to modern Python and Django standards; the initiative resulted in a more stable application.
- Integrated Payment gateways covering the Gulf region like Lean, Paytabs, Payfort, and TwoCheckout.
- Developed Law firm ERP system using Odoo.

### PROJECTS

#### • Ma'AKOOL: React/Django Fast Food Web Application

*Tools: React, React-redux, Django, Django REST, JavaScript, Stripe, PostgreSQL, SQLite, Bootstrap, MUI, HTML, CSS, and Git*

2023



- Established user authentication using JWT authentication.
- Used React-redux to update the user with the cart status across the App.
- Designed and configured a full admin dashboard with CRUD operations for products, categories, orders, and offers.
- Enforced payment using Stripe.

#### • Fundy: Crowdfunding Web Application Using Django

*Tools: Django, PostgreSQL, JavaScript, Bootstrap, HTML, CSS, and Git.*

2024



- Developed user authentication using session authentication and email verification.
- Enabled registered users to add projects, donate, and report projects and comments.

#### • Movies App: React Movie Browser Web Application

*Tools: React, React-redux, JavaScript, HTML, CSS, Bootstrap, MUI, and Git.*

2023



- Integrated React with TMDB API using Axios

- Used React-redux to centralize the cart controls and features across the website.
- **Admin Dashboard: React.ts Admin Dashboard** [🌐] 2024  
*Tools: JavaScript, React, TypeScript, MUI, HTML, and SCSS.* [🔗]
- Built the application with TypeScript resulting in an optimized coding structure.
- Visualized Data with Interactive charts, graphs (Bar, Pie, Line, and Geo charts), and data grids.
- **Positivus: Figma-Converted Landing Page** [🌐] 2024  
*Tools: React, JavaScript, Tailwind, MUI, HTML, CSS.* [🔗]
- Utilized Tailwind to convert Positivus Figma design into a responsive landing page.

## SKILLS

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- **Back-end Technologies:** Python, Django, Odoo, Flask, Redis, Shell Scripting.
- **Database Systems:** PostgreSQL, MySQL, MongoDB.
- **Front-end Technologies:** JavaScript, React, TypeScript, Tailwind, Bootstrap, MUI, HTML, Sass, and CSS.
- **Other Tools & Technologies:** Docker, Git, Github Actions, Linux.

## INTERNSHIPS

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- **Information Technology Institute** [🌐] Jul 2023 - Nov 2023  
*Full-stack Python/React Intern* Mansoura  
◦ Created and maintained web applications using Python and React, including user authentication, admin dashboards, and payment integration.  
◦ Worked on projects like Ma'AKOOL, Movies App, and Fundy, utilizing technologies such as Django, React, Redux, PostgreSQL, and Stripe.  
◦ Executed features like JWT authentication, API integration, and session management, enhancing functionality and user experience.

## EDUCATION

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- **Shoubra Faculty of Engineering - Benha University** Oct 2016 - Jul 2021  
*B.Sc of Computer Engineering*  
Grade: Good
  - **Offline Signature Verification Web Application** [🔗]  
*Tools: Python, TensorFlow, Keras, and Jupyter Notebook.*  
\* Managed state efficiently using React, Redux Toolkit, and Redux for seamless cart updates.  
\* Fetched meals dynamically from a Node.js API, ensuring real-time updates.

## COURSES

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- **React - The Complete Guide 2024 (incl. Next.js, Redux)** Sep 2024  
*Udemy* [🌐]
- **CSS - The Complete Guide 2024 (incl. Flexbox, Grid & Sass)** Sep 2024  
*Udemy* [🌐]
- **Advanced React** Feb 2024  
*Coursera* [🌐]
- **React Basics** Feb 2024  
*Coursera* [🌐]
- **Build REST APIs with Django** Mar 2023  
*Udemy* [🌐]
- **Python - Django - The Practical Guide** Mar 2023  
*Udemy* [🌐]