

# OMAR HEIKAL

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## Education

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### Egyptian E-Learning University

*Bachelor of information technology*

oct. 2022 – May 2026

*Bani Sweif city, Bani Sweif*

## Relevant Coursework

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- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Web Development

## Experience

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### Step One real estate

May 2025 – now

*real estate company and marketing agency*

*New Cairo, Cairo*

- Designed and developed dynamic, responsive websites and web applications to support the company's marketing and real estate operations.
- Built and maintained RESTful APIs, integrated third-party services, and optimized backend performance for scalability.
- Collaborated with marketing and sales teams to create user-friendly dashboards and automated client management tools.
- Implemented SEO strategies and analytics tracking to improve website visibility and campaign performance.
- Managed hosting, deployment, and version control using Git, ensuring smooth CI/CD workflows.
- Worked with technologies such as React.js, Node.js, Express, MongoDB, and MySQL to deliver high-quality full-stack solutions.

## Projects

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### Real Estate Website Platform | *Vue.js, Django, PostgreSQL, REST API*

July 2025

- Developed a fully responsive real estate web platform for Step One, enabling users to explore, filter, and contact agents for property listings.
- Built a secure admin dashboard using Vue.js and Django REST Framework for managing listings, users, and inquiries.
- Integrated advanced search, map-based property filtering, and image optimization for fast and seamless performance.
- Implemented authentication, permissions, and property management workflows through Django's ORM and API endpoints.

### Travel Agency Website (Asrar El Tayyar) | *Vue.js, Django, MySQL, REST API*

August 2025

- Developed a dynamic travel website to showcase destinations, offers, and packages with real-time content updates.
- Built a CMS system allowing non-technical staff to update travel packages, images, and details through a user-friendly admin panel.
- Integrated online inquiry and booking forms with automated email notifications and lead tracking.
- Optimized website SEO and loading speed, resulting in higher engagement and lead conversion rates.

### Hotel Management System with Channel Manager | *Vue.js, Django, PostgreSQL, API Integration* September 2025

- Engineered a complete hotel management platform supporting room reservations, billing, and client management.
- Developed a custom channel manager integrating Booking.com and Expedia APIs for real-time room synchronization.
- Designed dashboards for hotel admins to monitor occupancy, income, and booking performance in real-time.
- Implemented modular architecture and authentication layers to ensure security and scalability across hotel branches.

## Technical Skills

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**Languages:** Python, Django, HTML/CSS, JavaScript, SQL, Vue, nuxt.js, Bootstrap, Tailwind, React, Next.js

**Developer Tools:** VS Code, cursor, Eclipse, Google Cloud Platform

**Technologies/Frameworks:** GitHub, AWS