Belal Nagy

Software Engineer

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EXPERIENCE

Freelance Web Developer, Self-Employed
  - Designed and developed responsive websites and web applications for clients in the Gulf region .
  - Delivered full-featured e-commerce solutions and portfolio websites with RTL (Arabic) support.

03/2025 – present
Remote, Egypt

Information Technology Institute (ITI), Full Stack Development Using Python intern
Worked on hands-on projects covering **Python**, **Django**, **databases**, and **front-end technologies.**

11/2024 – 04/2025
Hybrid, Egypt

Al Ezz Dekheila Steel Co. EZDK, Intern
Gained hands-on experience in IT infrastructure and software development in a corporate setting.
Assisted in software development tasks and IT support.

09/2022 – 10/2022
Alexandria, Egypt

PROJECTS

Clinic Management System (ITI Graduation Project) ⤴
- Built a full-stack clinic management web app with smart appointment scheduling, role-based dashboards, and real-time analytics using **React**, **Django REST Framework,** and **PostgreSQL**.
- Integrated an AI chatbot using Hugging Face to assist patients with booking and frequently asked questions.
- Led the project as team lead, managing architecture, planning, and coordination throughout the development cycle.

Manqala – Interior Design Web App, Freelance project for a Saudi-based company ⤴
- Built a responsive web app using **React**, **TypeScript**, and **Tailwind CSS** with RTL support, animated sliders (React Slick, Swiper.js), and a project gallery.
- Integrated EmailJS for the contact form and focused on modern UI and performance optimization.

Amarna Travel – Tourism Website Enhancement, Freelance CMS customization for a travel agency ⤴
- Customized and enhanced the website for a travel agency using a proprietary CMS (TrekkSoft).
- Improved layout structure, adjusted RTL support for Arabic, and optimized visual components for better user experience across mobile and desktop platforms.

Orca – Premium Clothing Brand E-commerce Website, Freelance project for ORCA, a fashion startup
- Built a full-featured, modern e-commerce platform for a premium clothing startup using **Next.js 14**, **Tailwind CSS**, and **Django REST Framework**.
- The site supports product browsing, cart and wishlist management, JWT-secured authentication, and online payments via Paymob. Designed with dark/light mode, responsive UI, and smooth animations using Framer Motion.

Inventory Management System
- Built a role-based inventory system using HTML, CSS, JavaScript, Bootstrap (Frontend); **Django**, Python (Backend); **PostgreSQL** (Database); deployed on Railway.
- Managers monitor operations via a dashboard; employees handle inventory, orders, and shipments.
- Features include real-time stock management, order processing, shipment tracking, and a stock alert system.

CinemaScore ⤴
- Developed a dynamic web app using **React** and **Bootstrap**.
- Built a responsive UI with movie/TV show lists, details, search, and wishlist pages.
- Integrated TMDB API for data, reviews, and recommendations; supports language switching (en, ar, fr, zh).
- Features include browsing, wishlist toggle, pagination, search, and movie/TV show tabs.

Movie Web Application ⤴
- Developed a dynamic movie web application using **HTML, CSS, JavaScript, jQuery, and Tailwind CSS**.
- Designed an engaging and responsive UI for browsing and viewing movie details.
- Integrated interactive features like search, filtering, and real-time updates for an improved user experience.

Hospital Management System (HMS)
- Developed using **Odoo**.
- Built an HMS module for patients, departments, and doctors, integrating records and assignments.
- Added automated age calculation, state tracking with logs, and CRM email validation.
- Enforced constraints for department selection, mandatory fields, and conditional history visibility.

Bookstore Web Application ⤴
- Developed a responsive bookstore web application using **HTML, CSS, JavaScript, jQuery, and Bootstrap**.
- Designed and implemented an interactive UI for browsing and purchasing books.
- Integrated client-side validation and dynamic content updates for an enhanced user experience.

Library Management System (LMS) ⤴
- Developed a comprehensive LMS using **Django** and **PostgreSQL** for efficient library operations.
- Implemented features for **book cataloging**, adding books and categories, and searching for books.
- Enabled CRUD operations to **add, update, and delete** books and categories.

SKILLS

Programming — Python, JavaScript, TypeScript, HTML5, CSS3, Django, Flask, Django REST Framework, React.js, Node.js, Express.js, Odoo, jQuery, Bootstrap, Tailwind CSS

Databases — PostgreSQL, MySQL

Project Management — Agile methodologies (e.g., Trello)

Version Control — Git, GitHub

DevOps & Tools — Docker, Shell Scripting, Bash,Apache

Cybersecurity — Network Security, Red Hat Adminstration 1

Soft Skills — Communication Skills, Presentation Skills

EDUCATION

Bachelor of Business (English Section), Management Information System(MIS), Alexandria University   07/2019 – 07/2023
   Graduated with a **Very Good**   Alexandria, Egypt
   Graduation Project: **A Jewellery Store Website** | grade : **A**

COURSES

The Python and Django Learning Guide, Udemy

Introduction to Python, 365 Data Science

Docker Training Course for the Absolute Beginner, KodeKloud

Git and GitHub, 365 Data Science

Web Development Challenger Track, Ministry of Communications and Information Technology

Red Hat System Administration I, MaharaTech

Android Application Development, SkillsDynamix   Alexandria, Egypt

LANGUAGES

Arabic (Native)

English (Proficient)