

# Belal Nagy

## Software Engineer

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## EXPERIENCE

- Information Technology Institute (ITI)**, Full Stack Development Using Python intern 11/2024 – 04/2025  
Worked on hands-on projects covering **Python**, **Django**, **databases**, and **front-end technologies**.
- Ministry of Interior – Najda Unit**, Emergency Call Center Operator (Military Service) 12/2023 – 12/2024  
Handled emergency calls and provided immediate support in both Arabic and English.  
Managed sensitive calls related to security, medical, and criminal incidents.  
Operated under pressure and efficiently handled crisis situations. Egypt
- Al Ezz Dekheila Steel Co. EZDK**, Intern 09/2022 – 10/2022  
Gained hands-on experience in IT infrastructure and software development in a corporate setting.  
Assisted in software development tasks and IT support. Alexandria, Egypt

## PROJECTS

- 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, Django, Flask, Odoo, Rest Framework, React.js, JavaScript, jQuery, HTML, HTML5, CSS, CSS3, Bootstrap, Tailwind

**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 Administration 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**  
Graduation Project: **A Jewellery Store Website** | grade : **A** Alexandria, Egypt

## COURSES

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**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

**Mobile App Design Course UI/UX**, Udemy

**Red Hat System Administration I**, MaharaTech

**Android Application Development**, SkillsDynamix

Alexandria, Egypt

## LANGUAGES

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Arabic (Native)

English (B1)