

Belal Nagy

Software Engineer

✉ belalnajy9@gmail.com ☎ 0109190649 📍 Cairo, Egypt 🔗 [linkedin.com/in/belalnajy](https://www.linkedin.com/in/belalnajy) 🛡 Complete the service Military
🐙 github.com/Belalnajy

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.

Clinic Management System (ITI Graduation Project)

- Tech stack: **React, Vite, Tailwind CSS, Django REST Framework, PostgreSQL** (Neon), Hugging Face, Vercel, Docker.
- Developed a web app for clinics to manage appointments, patients, and medical records.
- Built smart appointment scheduling with doctor availability and conflict checks.
- Added role-based access with separate dashboards for admins, doctors, and secretaries.
- Integrated an AI chatbot (using Hugging Face) to help patients with booking and FAQs.
- Created a dashboard for real-time stats on appointments, patients, and revenue.
- Acted as team lead, driving the project's architecture, planning, and collaboration across the full development cycle.

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
Graduated with a **Very Good**
Graduation Project: **A Jewellery Store Website** | grade : **A**

07/2019 – 07/2023
Alexandria, Egypt

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

Mobile App Design Course UI/UX, Udemy

Red Hat System Administration I, MaharaTech

Android Application Development, SkillsDynamix

Alexandria, Egypt

LANGUAGES

Arabic (Native)

English (B1)