

Omnya Abdelnaem

Software Engineer

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[GitHub](#) | [LinkedIn](#) | [Behance](#)

Professional Summary

Creative and detail-oriented Front-End Developer with a Computer Science degree and a passion for creating responsive, user-friendly web applications. Skilled in HTML, CSS, JavaScript, Bootstrap, and Tailwind. Experienced in UI design with live projects on Behance. Proficient in Git and eager to contribute to impactful digital experiences.

Professional Training

Front-End Development – Intensive Training Program

Feb 2025 - Present

Information Technology Institute (ITI), Alexandria Branch.

Android Development – Summer Training

2023

Information Technology Institute (ITI), Alexandria Branch.

Education

Faculty of Science, Alexandria University, SIM (Software Industry and Multimedia) Department.

- Bachelor's Degree in Computer Science.
- Graduation Year: 2024
- CGPA: 3.65 / 4 – Grade: **Excellent with Honors.**

Technical Skills

- **Front-End Development:**
HTML5, CSS3, JavaScript (ES6+), Bootstrap, Tailwind CSS, Responsive Web Design
- **JavaScript Frameworks:** React.js, Angular
- **Programming Languages:** Java, C++, Python, TypeScript
- **Version Control:** Git, GitHub
- **Database & Backend Basics:** SQL, Relational Databases
- **UI/UX & Design Tools:** Adobe XD, Figma, UI/UX Principles
- **Mobile Development:**
Basic knowledge of Android (Java), Cross-platform development using Flutter (Dart)

Soft Skills

- Problem Solving
- Teamwork & Collaboration
- Communication
- Time Management

Projects

Graduation Project – SeeSafe App (Guide for the Visually Impaired) — [\[GitHub\]](#) — [\[Project Report \(Google Docs\)\]](#)

Led a team to develop **SeeSafe**, a cross-platform mobile application built with Flutter, designed to assist visually impaired users with real-time object detection, text recognition, and distance-based navigation.

- Integrated YOLOv8 for AI-powered object detection and OCR for recognizing text.
- Implemented step-counting and audio guidance for indoor and outdoor navigation.
- Prioritized accessibility, intuitive UI, and real-world usability.
- **Awarded Best Group Project at graduation.**

Online Coffee Shop – Web & Mobile App — [\[GitHub\]](#)

Developed a fully responsive coffee shop platform, including a website and a mobile app.

- Website features: Sign-in, order placement, add-to-cart functionality, and multi-section layout (Home, Menu, Reviews, Contact, etc.).
- Used HTML, CSS (Flexbox & Grid), JavaScript, and PHP for the web version.
- Created a mobile version using Flutter with a consistent user experience.

UI/UX Mobile App Designs — [\[Behance\]](#)

Delivered high-fidelity mobile UI designs with a strong emphasis on user experience, accessibility standards, and visual clarity.

- Tools: Adobe XD, Figma
- Featured Projects:
 - SeeSafe App (Guide for the Visually Impaired)
 - Go Coffee App
 - WhatsApp Redesign
 - Dona Café
 - Fashion Designer Portfolio App

Pharmacy Database Schema (Oracle SQL) — [\[GitHub\]](#)

- Wrote SQL commands to design and implement the database structure for a pharmacy information system.

University Database Analysis (SQL – SSMS) — [\[GitHub\]](#)

- Designed and analyzed a university database schema using SQL Server Management Studio (SSMS).

Tic-Tac-Toe Game (Python) — [\[GitHub\]](#)

- Built a console-based X/O game using Python, showcasing logic implementation and user interaction.