

# Nermein Mohamed

✉ nermeinyaekoub@gmail.com

☎ 01009763317

📍 Cairo , Egypt

🌐 nermeinyehia

🔗 nermien19

## Education

---

**Bachelor of Computer Science, Misr International University**

10/2021 – present

Cairo, Egypt

- Expected Graduation: July 2025
- Software Engineering track
- Relevant Courses: Advanced Software Engineering, Web Development , System Analysis ,Object-Oriented Programming, Data Structures , Algorithms Analysis , Artificial Intelligence ,Problem Solving

## Professional Experience

---

**IT member, Gamers Legacy Club**

09/2023 – present

Cairo,

- Role: Enhancing the club's website and adding new features and pages to it .
- Egypt

Technologies used :PHP and MySQL along with Laravel Framework.

**Software Engineering Intern, Egypt Air**

09/2023-10/2023

Cairo, Egypt

- Certified Practical training in web department with an excellent grade .
- Role :worked on enhancing and fixing bugs in Egypt Air's training website.

## Skills

---

Microsoft Office Tools | Object Oriented Analysis & Design | Problem-Solving | Strong programming skills | Git | Software Development | UI and UX Design | Back-end frameworks | Analytical Thinking | Algorithms and data structures | Team Collaboration | Time management abilities | HTML and CSS proficiency | CLR Windows Form U |javaFx

## Programming languages

---

Python | Javascript | Java programming skills | Spring Boot | C | C++ | C# | PHP | Ejs Templating | Node.js Applications | Express | MySQL | MongoDB | Angular framework

## Projects

---

### Course Center Pro

- A desktop application developed for educational centers, primarily handling all administrative tasks related to the center, including CRUD operations for students and courses, and taking attendance for students.
- Implemented using: **C#** along with **MySQL** ,**Design Patterns** were used such as : Strategy Design Pattern and Singleton Design Pattern for the DB connection.

### Pet's Clinic

- A veterinary clinic web application that functions as a reservation system, handling both users' and doctors' appointments to prevent scheduling conflicts and facilitate all CRUD operations on appointments. It allows the admin to manage all administrative operations of the website and view the necessary financial statistics.
- Implemented using : **Spring Boot** , **MySQL** , **XML,CSS** and **Microservices** technology .

### Mandala Workspace

- A Loyalty Program web application for Mandala Workspace that encourages people to complete tasks efficiently using the Pomodoro technique during their workspace sessions, thereby earning discounts. An admin can view and manage all aspects of the website and user insights. .
- Implemented using : **Spring Boot** , **MySQL** , **XML** and **CSS**.

### Dr. Marehan's Clinic website

- A user-friendly web application designed to facilitate interaction among doctors, patients, and administrators, enabling seamless appointment reservations.
- Implemented using: **HTML** and **CSS** along with **PHP** and **MySQL**

### Tamarai

- An E-commerce web application designed to facilitate the buying and selling of artistic pieces, catering to both sellers and buyers, while offering robust administrative capabilities.
- Implemented using **HTML,CSS** , **Javascript**, along with the **MERN** stack : **MongoDb** , **Node.js** and **Express .js** , replacing the React with Ejs templating.

### Maktabt EL Nas

- A Library Management System designed for users to search, display, and save books for later reading. It also enables admins to manage the library, perform CRUD operations on books, and block unwanted users.
- Implemented using: **Java** and **JavaFx** for the interface

### Wafak

- A desktop application designed to customize outfits for users based on the event, season, and entered gender, aiming to save users time..
- Implemented using C++ along with CLR/Windows Forms, the project utilized Graph data structures.

### Proxy Server

- A **Python** project designed to implement a proxy server that caches frequently used data for efficient retrieval, optimizing both time and storage usage.

### Extracurriculars

---

<b>Member, Gamers Legacy Club</b>	09/2023 – present
<b>Member, El Warsha Club</b>	09/2023 – 03/2024
<b>Member, Enactus Club</b>	10/2021 – 06/2023