

# KARIM SHERIF LOUIS

## EDUCATION

### 2021 – Present

Computer Engineering and Software Systems,  
Ain Shams University - Credit hours System –  
GPA 3

### 2007-2021

New Ramses College – IGCSE System

## OBJECTIVE

Highly skilled and motivated Software Engineer with expertise in developing scalable and innovative solutions. Seeking challenging opportunities to apply my technical prowess and contribute to the success of forward-thinking projects.

## RELEVANT SKILLS

- C++, Java, python
- Frontend (html, CSS-bootstrap, JavaScript)
- Backend (Django)
- GitHub
- Project Documentation (SRS, SDD)

## KEY SKILLS

- Aware of agile software development (XP, Scrum)
- Aware of architecture and design patterns
- Fluent in English
- Problem solving
- Adaptable
- Team player

## EXTERNAL COURSES

- CS50's Web Programming with Python and JavaScript by Harvard

## PROJECTS I WORKED ON

### E-commerce Web application

Using frontend and backend knowledge to create a functional web application that allows users to shop

- Django's built-in features like authentication, database integration, and templating
- leveraged Django channels & WebSocket to create real-time comments system
- Used asynchronous JavaScript to facilitate communication between the client side and the server side (ajax)
- API Integration & JSON Data Format
- DOM manipulations with JS & jQuery

### Library Management System

Using my Java and JavaFX knowledge, with the object-oriented programming concepts to create a library system for readers and librarians.

### Music Player

Using my C++ knowledge to create a music player that have the basic functionalities (play song, delete song, add song, play next, play previous, change volume).

## TRAININGS

- Artificial Intelligence by we