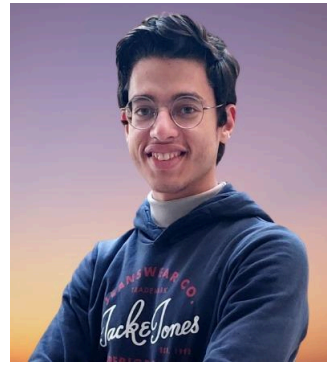


# Mahmoud Mansy

## Full Stack Developer



### Profile

Results-driven Full Stack Developer skilled in ReactJS, JavaScript, HTML, CSS, SQL, Flask, and Python. Demonstrates proficiency in translating complex requirements into scalable applications, excelling in project management and problem-solving. Biomedical engineering expertise applied to innovate and streamline healthcare processes. Passionate about mastering technology intricacies for impactful contributions.

### Education



#### Cairo University

Excellent, Biomedical Engineering

2021 - 2026

Excelled in Biomedical Engineering at Cairo University, blending theory with practical applications for a comprehensive understanding. Achieved outstanding academic performance, showcasing dedication to mastering the dynamic intricacies of the field.

### Experience

Present

September 2021 -



#### Full Stack Engineer

المدرسة - Almadrasa

- Comprehensive journey. •Learn, build, and master
- 22 practical courses. •Expert-led ReactJS specialization
- Enhance skills in ReactJS, JavaScript, HTML, CSS, and more

### Projects

- **Hospital-Management-System (Web App)**  
[Engineered a user-friendly Radiology & Surgery Department Management System, streamlining healthcare accessibility by enabling patients to schedule scans, radiology & surgery appointments, and surgeries through a feature-rich portal with distinct user roles.]
- **Flask-User-Profile-Management (Web App)**  
[Engineered a robust Flask User Profile Management web app with user authentication, database integration, and dynamic rendering, showcasing proficiency in web development and best practices.]
- **Equalizer-Web-Application (Web App)**  
[Developed the Equalizer Web Application using Python and Streamlit, serving as a versatile signal processing tool for the music and speech industry, with applications in biomedical scenarios like hearing aid abnormalities detection]
- **GPA-Calculator (Web App - Python)**  
[The application provides a user-friendly interface to calculate both semester and cumulative GPAs.]
- **Expenses-Tracker-App (Python)**  
[Developed Expenses Tracker App, a Python project, offering a user-friendly interface for efficient expense tracking in multiple currencies with real-time USD total updates.]
- **Easy Trip Bus Company Simulation (C++)**  
[ Led development of EasyTrip Bus Company Simulation, a data structures project optimizing passenger transportation efficiency by automating bus assignments and simulating key factors such as passenger types, bus types, stations, and working hours.][with Data Structures & Algorithms]
- **Master Snake and Ladder (C++)**  
[A mixture between the Snakes & Ladders and Monopoly games.] [ with OOP principles]

### PERSONAL INFORMATION

Giza Egypt

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Date of birth 1/3/2003

### LINKS

[linkedin](#) [GitHub](#)

### SKILLS

- ★★★★★ Leadership & Project Planning
- ★★★★★ Problem Solving & Competitive Programming
- ★★★★★ Data Structures & OOP
- ★★★★★ C++ & Arduino
- ★★★★★ Python
- ★★★★★ HTML & CSS & JavaScript
- ★★★★☆ SQL & ORM
- ★★★★☆ Frontend Frameworks (React.js, Bootstrap)
- ★★★★☆ Backend Frameworks (Django, Flask)
- ★★★★☆ Software Engineering
- ★★★★☆ Version Control (Git)
- ★★★★☆ DevOps Practices
- ★★★★☆ Responsive Web Design
- ★★★☆☆ Machine Learning & Deep Learning Basics