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
September 2021 - Present

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]

PERSONAL INFORMATION

 Giza Egypt
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 mmansy132003@gmail.com

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

- **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**]