

YOUSTINA KAMAL RIZK

SOFTWARE ENGINEER

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SUMMARY

Recent Computer Engineering graduate with a strong foundation in web development. Proficient in technologies such as HTML, CSS, JavaScript, and frameworks like React.js. Experienced in creating responsive, user-friendly interfaces through coursework and personal projects. Demonstrated ability to solve design and development challenges effectively, leveraging strong problem-solving skills. Excellent collaboration and communication abilities, with a passion for building dynamic, engaging web applications.

SKILLS

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|--------------------|----------|---------------------|-------------------|
| • OOP | • C++ | • CSS | • Self-learning |
| • Data Structure | • C | • SQL | • Problem Solving |
| • Operating System | • Python | • Analytical Skills | • JavaScript |
| • Embedded | • HTML | • Teamwork | • React |

PROFESSIONAL EXPERIENCE

Orascom Development-Cairo,Egypt **Jul 2023 - Aug 2023**
INTERN

- Pitched in to assist senior developers to meet deadlines by developing several pages for the company's website.

EDUCATION

Bachelor of computer engineering **Sep 2019 - Jul 2024**
Assiut University

- Grade: Very Good with Honors.
- Graduated in Top 10 of Class.

CERTIFICATIONS

Red Hat System Administration I (RH124) **Feb 2024 - May 2024**

- Successfully attended and completed the course on system administration, covering essential Linux skills and system management.

Sprints - Web Development Fundamentals **Jun 2025 - Mar 2025**

- Successfully completed the Web Development Fundamentals course, covering essential skills in frontend development.
- Certification link: <https://sprints.ai/en-eg/journeys/learning/1145/90084365/viewCertificate>

FreeCodeCamp - Front End Development Libraries **Feb 2025 - Mar 2025**

- Successfully completed a 300-hour certification covering frontend technologies such as React, JavaScript, HTML, and CSS.
- Certification link: <https://freecodecamp.org/certification/youstina/front-end-development-libraries>

ACCOMPLISHMENTS

Graduation Project : Design & Control of a Ball balancing table

- Objective: Applied PID control theory to model and control the movement of a ball on a flat surface.
- System Description: Designed a feedback mechanism using PID control to automatically adjust the system, ensuring the ball consistently returns to the center of the table.
- Implementation:
 - Utilized a camera to measure the ball's distance and position.
 - Tuned the PID parameters (K, Kp, and Kd values) through theoretical predictions and iterative trial-and-error.
- Outcome: Successfully identified optimal parameters and developed a fully functional PID control system that stabilized the ball on the table.
- Skills Demonstrated: Control systems, feedback mechanisms, camera-based measurements, problem-solving, and teamwork.

LANGUAGES

- English (fluent).
- French (intermediate).