

Youssef Emad

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Objective

Creative front-end developer with expertise in HTML, CSS, JavaScript, ReactJS, and NextJS. Experienced in building responsive, user-friendly web applications. Passionate about research in robotics and AI, with a strong desire to explore innovative solutions in these fields. Eager to apply my skills to impactful projects.

Education

Applied Technology School for Nuclear Energy El-Dabaa, Egypt Nov 2021 – Jun 2026

- Dept. of Electronics and Nuclear Technology
- GPA: 4.0/4.0
- **Coursework:** Computer Science, Mathematics, Physics, Electronics, Communication Systems, Radiation Protection, Nuclear Power Plants

Experience

Online Freelancer , Remotely Nov 2022 – Present

- Self-Employed
- Delivered high-quality programming and development services to clients across the Arab world, managing a range of academic and professional projects with a focus on exceptional quality.
- Provided comprehensive support for complex projects, including graduation and capstone projects, demonstrating a commitment to excellence and effective project management.
- Developed and maintained web and software applications, utilizing technologies such as HTML, CSS, and JavaScript.
- Collaborated closely with clients to understand their requirements, deliver tailored solutions, and ensure timely project completion while effectively managing multiple projects concurrently, showcasing strong organizational and problem-solving skills.

Front-End Developer (Part-Time), El3ab (Local Startup) – Remotely Aug 2024 – Present

- Contributed to the development of user-friendly, responsive web applications using HTML, CSS, JavaScript, ReactJS, and NextJS.
- Collaborated with the design and development teams to implement visually appealing and functional interfaces.
- Optimized web pages for speed and performance, ensuring a smooth user experience across different devices.
- Assisted in debugging and troubleshooting code to ensure high-quality, maintainable solutions.
- Gained valuable experience working in a remote team environment, improving communication and collaboration skills.

Projects

InfoTech-X github.com/Youssef389/InfoTech-X

- Developed a comprehensive platform for learning programming, incorporating AI tools and diverse tutorials across multiple programming languages and tracks to enhance the learning experience.
- Added a Competitive Programming section with diverse tutorials and over 300 practice questions, offering specialized content to help users excel in coding competitions.
- Developed AI tools such as Explainer, Summarizer, Programmer, Problem Setter, Math Solver, Mock Interviewer, and Chat-X to provide personalized support and interactive learning experiences.
- Ensured high-quality content and interactive learning modules across all areas, catering to both beginners and advanced learners.
- Utilized technologies such as HTML, CSS, Sass, Bootstrap, JavaScript, NodeJS, Gemini API, and other tools

Dear Desires

github.com/Youssef389/Dear-Desire

- Developed a web application designed to provide users with motivational content through a visually engaging interface.
- Categorized emotions by color, creating a user-friendly interface that associates specific colors with different emotional states, enhancing user interaction and understanding.
- Utilized technologies such as HTML, CSS, and JavaScript.

Psychology Website

2024

- Developed a comprehensive website focused on mental health that features tips, guidance, and articles on psychological well-being, integrated a custom chatbot for user interaction and support, and offered online sessions with mental health professionals for direct access to expert advice.
- Ensured the site was user-friendly and responsive across various devices and screen sizes.
- Utilized technologies such as HTML, CSS, Bootstrap, JavaScript, NodeJS, Gemini API, and other tools

Certifications/Awards

2nd place + special award in Intel ISEF (National Fair) 2024: Achieved 2nd place at Intel ISEF 2024 National Fair in the Embedded Systems category, showcasing exceptional research and development skills.

1st place + global nomination in NASA Space Apps 2023: Achieved 1st place in the NASA Space Apps Challenge, with a global nomination for the Alexandria Hackathon in a data science, physics, and statistics challenge.

11th place in ISEIC 2023: Achieved 11th place in the International Science and Engineering Innovation Competition (ISEIC) 2023, demonstrating exceptional research and development skills.

Technologies

HTML, CSS, JavaScript, C++, Python, Sass, Bootstrap, ReactJS, NextJS