



Essam Hisham Hassn Morsy

Web Developer

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🔗 <https://essam778.github.io/3D-portfolio/> 📅 May 9, 2008

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PROFILE

Hi, I'm Essam Hisham, a 17-year-old developer and robotics engineer from Egypt. I started coding at 14 and have since built a solid foundation in software development and embedded systems. Passionate about bridging hardware and software, I focus on creating real-world projects—from autonomous vehicles to AI-powered IoT—that push the boundaries of technology.

SKILLS

Full-Stack Web Development

Proficient in MERN stack (MongoDB, Express.js, React.js, Node.js) and modern frontend technologies (Tailwind CSS, GSAP, Three.js).

Robotics & Embedded Systems Engineering

Hands-on experience with Arduino, ESP32, sensors, and C++ for building autonomous systems and IoT solutions.

Project Management & Freelancing

Managing end-to-end project development, from concept to deployment, while meeting client requirements

Continuous Learning & Adaptability

Quickly mastering new technologies and applying them in practical projects despite being a high school student

PROFESSIONAL EXPERIENCE

Independent Robotics & IoT Project Developer

05/2024

- Designed and built multiple hardware-software integrated projects (autonomous car, smart home, weather system).
- Demonstrated ability to handle both **embedded programming (C++)** and **web/cloud integration**.

Freelance Frontend Developer (Self-employed)

06/2023

- Developed responsive web applications using **React.js, Tailwind CSS, and GSAP**.
- Delivered client projects based on Figma/Adobe XD designs with API integrations and animations.
- Focused on modern landing pages and portfolio websites.

Egypt

CERTIFICATES

HP LIFE – Effective Leadership

Maarf – IT Fundamentals

Simplilearn – Embedded Systems