Mohammed Essam

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▶ codingtutorialMIU

📞 01022138836

○ moecode-c

🔗 https://mohammedessamportfolio.vercel.app/

🪪 Profile

Front-End Developer at CTC MENA with strong skills in HTML, CSS, JavaScript, React.js, Three.js, Tailwind, TypeScript, and GitHub. Proficient in C++ and experienced in developing interactive, performance-focused projects. Focused on creating user-friendly web interfaces through a balance of technical precision and design. Maintained a 3.8 GPA through consistent effort and commitment to learning. Continuously improving and building new solutions.

🎓 Education

Bachelor of Computer Science,
Misr International University
09/2024 – 08/2028
- GPA : 3.8
Relevant courses :
- Problem solving
- Data Structures and algorithms
- Object Oriented Programming

💼 Professional Experience

Teaching Co-Assitant   09/2025 – Present | Cairo Egypt
Misr International University

- Supported over 100 students in understanding programming concepts and completing lab assignments.
- Assisted instructors in grading, material preparation, and practical sessions, improving class efficiency by 20%.

Front-End Web Developer intern   06/2025 – Present | Cairo , Egypt
CTC MENA ⧉

- Skilled in **HTML, CSS, JavaScript, React.js, Three.js, Tailwind, TypeScript, and GitHub.**

- Built a Netflix clone with React, API integration, and responsive design, and developed a 3D Minecraft-inspired world using Three.js with block interaction and real-time rendering.

- Earned 15+ certifications in front-end development—from fundamentals to advanced concepts.

- **Check out my work: My Portfolio** ⧉

Tutor/Instructor   04/2024 – Present | Cairo, Egypt
Delivered personalized tutoring both in-person at learning centers and via online sessions,

- Tutored 250+ students in advanced subjects including C++, Java, web development, Data Structures & Algorithms (DSA), mathematics, physics, and statistics.
- Designed customized lesson plans tailored to individual learning styles and academic goals.
- Conducted 750+ hours of one-on-one and group tutoring sessions, both in-person and online.

📁 Projects

EVO CHAMPIONSHIP Website,
Developed a full-stack web application for **EVO Championship**, the largest MMA organization in Egypt, using the **MERN stack** and **TypeScript**. Built both the public-facing website and an **advanced admin dashboard** enabling full control over fighters, events, academies, and advertisements. Implemented robust **security measures**, **authentication layers**, and **caching mechanisms** to enhance performance, data integrity, and scalability.
👉 **Live Website:** efcevo.com ⧉

YousraMarshmallow Website,
Developed the YousraMarshmallow website using **React, Zustand, Framer, 3D models, and CSS**; led a **6-member team** with **Agile (Scrum)** in **Jira** to deliver a scalable and visually engaging product. The platform attracted **3K+ active users**, generated over **EGP 100K in profit**, and received **300+ orders** within its **first month** of launch.

👉 **Live Website**: https://yousramarshmallow.netlify.app/ ⧉

Floria Cafe Website,
Built a visually stunning, fully responsive website for **Floria Café** using **React.js** and **modern CSS**, integrating **custom 3D models** to elevate brand identity , resulting in increased online visibility, longer visitor dwell time, and higher conversion rates for reservations and orders.

👉 **Live Website**: https://floriacafe.netlify.app/ ⧉

VisionX Website,
In Progress
Building the official VisionX website using **React, CSS, and 3D models** to deliver an interactive, responsive, and visually engaging platform. Improved user experience and boosted project visibility by showcasing team initiatives and achievements in a modern, scalable design.

👉 **Live Website**: SOON!

🧩 Skills

💻 **Front-End Development:** HTML, CSS, JavaScript, React.js, TypeScript, Tailwind CSS, Framer, Zustand

📱 **Mobile Development:** React Native

⚙️ **Back-End Development:** Node.js, Express.js, MongoDB, SQL

🎨 **3D & Design Tools:** Spline, THREE.js, Blender

🧠 **Programming Languages:** C++, Java, Python

📒 **Project Management & Methodologies:** Agile (Scrum), Jira, Git & GitHub

Soft Skills: Active Listening, Teamwork, Dependability, Motivation, Flexibility, Patience

Languages: Arabic (Native), English (C1)

🧩 References

Ahmed Mansour,
Ph.D | Assistant Professor | Senior Researcher | University Ambassador, Misr international university

Muhammed Rashad,
Network Security Lead | Cybersecurity expert, Konooz misr

Nermin Siphocly,
Lecturer | PhD in Computer Science, Ain Shams University

Mahmoud Mamdouh,
Former Microsoft Software Engineering Intern Founder & President, MSP Club MIU

🧩 ExtraCurriculars

Head Technical coach   08/2025 – Present
MSP Tech Club - MIU

Co-Head Technical coach   01/2025 – 07/2025
MSP Tech Club - MIU

Content creator,
• YouTube channel with 40+ videos/lectures covering Coding / Mathematics / Physics With 20,000 views and 1500+ hours of watch time.

• Structured content to be beginner-friendly and logically progressive, helping learners grasp 20+ complex topics through clear explanations and visual demonstrations.