

Mohamed Amr

SOFTWARE ENGINEER

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Objective

To design cutting-edge software systems that would help improve people's lives while improving my technical and interpersonal skills.

Experience

Multimedica ScO | Full Stack Web Developer

2023 - Present

- Designed, developed and deployed the website for Multimedica using Hostinger Website Builder.
- Designed and developed a finance management web application using HTML, Bootstrap, JS, Flask and MySQL.
- Coordinated with the team of graphics designers to improve the Front-end of the website.
- Used the Agile methodology for better collaboration and cohesion for the development process.

Multimedica ScO | Mechanical Design Engineer

2021 - 2023

- Optimized manufacturing process of operating tables and reduced manufacturing time by 4100%.
- Sketched and modeled a full manual operating table using Autodesk Fusion360.
- Designed and modeled all mechanical parts of a new model of operating tables.
- Supervised and coordinated the machining of all the parts.
- Significantly improved efficiency of the machining process and lowered manufacturing costs.

Education

Harvard University, CS Course

CS50 – Introduction to Computer Science

Mansoura University | Control Systems and Computer Engineering

Graduation Year: 2026

Technical Skills

- Python, C, and Vanilla Javascript.
- Flask Web Apps and RestAPI development.
- Docker Fundamentals.

- Github for version control.
- Hostinger Web Builder and Hosting Services.
- Fundamentals of Data Science, Machine Learning and Neural Networks.
- 3D Modeling and 3D Design using Autodesk Fusion 360 and AutoCAD.
- Fundamentals of Electronics, including routing PCBs, circuit design and Arduino programming.
- Proficient with Microsoft Excel.

Functional Skills

- Management.
- Problem solving.
- Team Coordination.
- Leadership.
- Optimization of daily tasks.

Languages

- Arabic (Native)
- English (Fluent)
- Japanese (Intermediate)

References

- References will be provided on demand.