

Mariam Sadek

Software Engineer

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Education

Bachelor of Science (BSc) in Computer Science, Arab Academy for Science, Technology & Maritime Transport (AASTMT),
Cairo, EG. JUN 2023
GPA: 3.1/4.0 (Very Good)

Experience

- ACPC Competition. 10/2020
 - CND Electronics Training at The American University in Cairo (AUC). 09/2023
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Certificates

- Mobile Development Using Flutter (ITI). 07/2022
 - Google Digital Marketing & E-commerce. 08/2022
 - Flutter & Dart- The complete Guide (Abdallah Mansour). 03/2023
 - Training of Skills Gate – Soft Skills by EYouth & Emirates NBD. 09/2023
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Projects

1) Graduation Project | Flutter, Firebase, Git, GitHub, Visual Studio Code (Grade: Excellent)

Brain Tumor and Alzheimer's Detection (BTAD):

- We have developed a user-friendly Mobile Application Using Flutter integrated with Firebase to detect brain tumors and Alzheimer's disease.
 - Utilized Python machine-learning models to achieve accurate detection results.
 - Implemented a role-based access control system with three user roles: Patient, Doctor, and Technician.
- 2) **E- Commerce Mobile Application Using Flutter:** Developed a feature-rich mobile application from scratch using the Flutter framework to deliver an innovative and engaging user experience.
- 3) **Hypermarket Website:** Developed a comprehensive Hypermarket website utilizing SQL and PLSQL technologies to manage and enhance the online shopping experience for customers.
- 4) **Coffee shop website:**
- Developed a comprehensive Coffee Shop website utilizing HTML, CSS, and Bootstrap technologies to manage and enhance the online shopping experience for customers.
 - Providing interactive features such as product galleries, search functionality, and user reviews.
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Skills

- **Intellectual:** Algorithms & Data Structure | Problem Solving | Object Oriented Design | UML Diagrams.
- **Technical:** HTML5 | CSS3 | PHP | C/C++ | Java | JavaScript | React | Dart (Flutter) | Bootstrap 5 | Firebase | SQL | MySQL | PostgreSQL | Python | Agile | GitHub | R.
- **Linguistic:** Arabic: Native | English: Very Good.