

Amr Wael Mousa

Software Engineer

Faisal, Giza, Egypt

amrw03304@gmail.com

[linkedin](#)

+20 111 774 0477

Summary: passionate and detail-oriented Software Engineer specializing in mobile and web app development with a strong interest in AI and data analysis. Adept at building interactive UIs and delivering reliable, scalable software. Effective communicator and collaborator, committed to continuous learning and innovation.

Education

Cairo University

Bachelor of Computers and AI (2023 – 2027)

- Major: Software Engineering | Minor: App Development
- GPA: 2.90 (Second Year)
- Relevant Courses: Data Structures, OOP, Algorithms, Software Engineering, Web Development, Statistics

Courses & Certifications

- **Digital Egypt Pioneers Initiative (DEPI) Program (06/2025 – 12/2025)**
 - UI/UX Design,
 - Dart, Flutter & Firebase
 - Unit Testing
 - Android Security
 - Soft & Freelance Skills
- **Python Data Fundamentals (07/2024 – 06/2025)**
 - Advanced statistics & Python
 - Data cleaning
 - Visualization

Projects

Software Developer (Freelance & Academic Projects)

Cairo University | 2023 - Present

- Developed and deployed cross-platform mobile apps using Flutter:
 - **Real-Time Chat App** with Firebase Authentication
 - **Expense Tracker** for personal budgeting

- **Shopping List & Meals Planner** with organized categories
 - **Quiz App** for interactive learning experiences.
 - **Metro Navigation App** supporting line transfer detection and validation.
- Built responsive web applications:
 - **Weather Forecast App** using open weather APIs.
 - **Fraction Calculator** for precise mathematical operations
 - **Digital Clock** with real-time UI updates
- Created Python and C++ projects:
 - GUI-based **games** and **image processing tools**
 - **Vole Machine Instruction Simulator** for system-level instruction processing
- Collaborated with team members using Git and participated in peer reviews

Technical Skills

- **Languages & Frameworks/Tools:** C++, Java, HTML, CSS, JavaScript, Git, SQLite, Tkinter, REST APIs.
- **Databases:** Firebase Realtime DB, SQLite
- **Other:** UI/UX Principles, Responsive Design, Unit Testing

Soft Skills

- Project Management
- Problem Solving
- Communication
- Time Management
- Team Collaboration

Languages

- English: Intermediate
- German: Beginner

Portfolio & GitHub

- Available Portfolio: <https://amrwael10.github.io/My-Portfolio/>
- Available GitHub: <https://github.com/Amrwael10>