

Arsani Magdi

Junior Developer | Maker | Tech Enthusiast

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🎯 Objective

Motivated 15-year-old student passionate about programming, electronics, and building meaningful projects. Eager to learn and grow through real-world challenges and hands-on experience with technologies like Arduino, Flutter, Firebase, and more.

🧠 Skills

- Programming: Python, JavaScript, HTML/CSS, Flutter (Dart)
 - Web Development: Full-stack basics, Firebase Realtime Database, Firestore
 - Embedded Systems: Arduino Uno, sensors, breadboards, electronics prototyping
 - UI/UX & Design: Clean, responsive layouts using modern principles
 - Tools: VS Code, Arduino IDE, GitHub, Firebase Console

🔧 Projects

- ◆ Plastic Surgery Clinic Web System

HTML, CSS, JS, Firebase Realtime DB + Firestore

- Multi-language (Arabic/English) website with booking, contact, patient dashboards
- Doctor and secretary dashboards with Google Calendar and medical records integration
- Secure user system with validation and data syncing

- ◆ Christian Music App (Spotify-like)

Flutter + Firebase

- Allows users to browse and play music with a custom UI
- User authentication and music category filters

- ◆ Windows Desktop Widget App

Python + Tkinter

- Displays inspirational quotes
- Customizable background, transparency, system tray icon, and draggable interface

- ◆ Other Projects

- Password generator, calculator, Pomodoro timer, to-do list, digital clock
 - LEGO Robotics with WeDo, NXT, EV3, and VEX kits

Technical Experience

- Electronics circuits using resistors, capacitors, sensors (DHT11, LM35, phototransistors)
 - Building with breadboards, jumper wires, servos, and Arduino Uno
 - Writing and debugging Arduino code for sensors and outputs
 - Creating modern websites using assets folders with organized JS & CSS

Education

High School Student

Egypt – Collège Saint-Marc

Languages

- Arabic: Native
 - English: Fluent
 - French: Intermediate (Francophone)

Interests

- Building custom desk setups for productivity
 - Exploring new programming languages
 - Robotics, electronics, and circuit design
 - Scouting and teamwork activities