

## **Imran Mulindwa**

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GitHub: [github.com/Imra198](https://github.com/Imra198)

## **Professional Summary**

Motivated and enthusiastic aspiring software developer with hands-on experience in Java, Python, Flutter/Dart, HTML, CSS, and IoT systems. Skilled in designing and implementing software solutions, building interactive applications, and integrating hardware projects. Passionate about problem-solving, learning new technologies, and contributing to innovative development projects.

## **Technical Skills**

**Programming Languages:** Java, Python, Dart,

**Web & UI:** HTML, CSS,

**Tools & Frameworks:** Git & GitHub, Flutter, IntelliJ IDEA, VS Code, Lucidchart, Arduino

**Databases:** SQL (basic), Hive (Flutter local storage)

**Hardware & IoT:** DHT11 sensors, RTC modules, LCD integration, embedded systems

**Soft Skills:** Teamwork, Communication, Problem Solving, Documentation, Adaptability

## **Projects**

### **Brain Teaser Puzzle Game (Java Swing)**

- Desktop jigsaw puzzle with drag-and-drop and rotation functionality
- Multiple difficulty levels with solvable puzzle logic
- Features custom image selection, move tracking, and a real-time timer

### **IoT Classroom Monitoring System (Arduino)**

- Real-time classroom temperature and time display using DHT11, RTC, and LCD
- LED indicators and buzzer alerts for unsafe temperature thresholds
- Demonstrates hardware-software integration and embedded system programming

### **Patchwork Image Generator (Python)**

- Generates algorithmic patchwork patterns using Python's graphics.py library
- Demonstrates geometric reasoning, modular programming, and dynamic rendering

### **Interactive Decision-Based Adventure Game (Flutter & Hive)**

- Mobile storytelling game with branching decisions and persistent data storage
- Integrates audio-enhanced choices for immersive player experience

### **Work Experience**

#### **Care Assistant – Barchester Healthcare, Horsham | Jan 2024 – Present**

- Delivered personal care and maintained resident wellbeing
- Logged care records accurately and assisted mobility-impaired residents

#### **Care Support Worker – BlueStar Resourcing | Jan 2019 – Dec 2022**

- Managed daily care routines, meals, and medication for elderly residents
- Maintained detailed records and enhanced interpersonal communication

#### **Care Support Worker – First Col, Surrey | Jan 2018 – Dec 2022**

- Supported children with learning difficulties at Kismul School
- Developed patience, adaptability, and emotional intelligence

### **Certifications & Licenses**

- Driving Licence