# Alfred Mavwu CV

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## CAREER OBJECTIVE

Hardworking and reliable candidate seeking a position that allows me to utilize my skills, contribute to team success, and grow within the organization. I am eager to take on new challenges, collaborate effectively with colleagues, and make a meaningful impact while continuously developing my professional abilities and advancing my career.

## EDUCATION

- **Grade 12 Certificate -** St. Raphael's Secondary School, Zambia. **(Completed: 2019**)

- **Bachelor of Science in Computer Science** - Mulungushi University, Zambia. (**Graduated: 31st October, 2025**)

## TECHNICAL SKILLS

- **IT Support:** IT troubleshooting, maintenance, Installing/updating software

- **Microsoft 365:** Word, PowerPoint, OneDrive, Excel, Teams

- **Operating Systems:** Windows installation, configuration and basic troubleshooting

- **Programming Languages:** Python, Java, Dart (Flutter) and JavaScript

- **Web & Application Development:** HTML, CSS, Flutter (Android), Node.js, Express.js as well as RESTful API development and integration

- **Databases & Data Management:** SQLite, Firebase and Basic SQL concepts (queries, CRUD operations)

- **Tools & Development Practices:** Git (version control), API testing/debugging and Application design (testing and debugging)

# SOFT SKILLS

- Strong communication and presentation skills

- Problem-solving and critical thinking

- Attention to detail and quality focused mindset

- Ability to explain technical concepts clearly to non-technical users

- Teamwork, adaptability and willingness to learn

# PROJECTS

1. **Climate Smart Agriculture Mobile App** *(Final Year Project)* (**Flutter (Dart**), **REST APIs**, **Weather Forecasting APIs**, **ML concepts**)
   - Built a mobile app that fetches and displays weather data
   - Integrated real-time RESTful API for weather forecasting
   - Implemented database storage for offline access
   - **Strengthened** API integration and mobile app development skills

2. **Blogging Platform** (**Node.js**, **Express.js**, **SQLite, HTML**, **CSS**, **JavaScript**)
   - Developed full-stack blogging platform with backend database integration
   - Implemented create, read, update, delete (CRUD) features
   - Designed and managed an SQLite database for content storage
   - **Strengthened** backend development and data handling skills

3. **Portfolio Website** (**HTML**, **CSS**, **JavaScript**)
   - Designed and deployed my personal portfolio
   - Showcases my projects, skills and contact info
   - **Strengthened** frontend skills

4. **Public Profile Analyzer** (**Python**, **Flask**, **HTML**, **CSS**, **JavaScript**)
   - Built a web application that checks username availability across multiple platforms
   - Developed backend logic using Flask and handled HTTP requests and responses
   - Implemented API-style communication between frontend and backend components
   - **Strengthened** understanding of request handling and data processing

5. **EZ Statement ZM Mobile Application** (**Flutter** (**Dart**), **JavaScript**)
   - Developed a flutter mobile application to help users access ECZ examination statements

- Focused on user-friendly design and application flow
- **Strengthened** mobile UI development and application logic

# EXPERIENCE

**Peer Academic and Technical Support**

- Assisted fellow students, friends and family members with assignments and presentation creation using Microsoft Word and PowerPoint

- Provided guidance on document formatting, content organization, and presentation design.

- Explained technical concepts clearly and patiently to support learning.

- Provided guidance on coding practices and debugging during group assignments.

**IT & Printing Support**

- Assisted friends and family with software installation and configuration on personal computers.
- Installed and set up operating systems on PCs.
- Assisted with printing documents for students, troubleshot printer issues as they arose. Troubleshot basic system, software, and performance issues.
- Gained hands-on experience in basic IT maintenance.

# CERTIFICATIONS

- **Artificial Intelligence Technology and Application** – **Huawei Academy**, 2024
- **HCIA-Cloud Computing V5.5 Course** – **Huawei Academy,** 2024
- **HCIA-IoT V3.0 Course** – **Huawei Academy,** 2025

# REFERENCES

--- Available upon request ---