

# PATRICK MWILA

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<https://patrickmwila.ictaz.org.zm>

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## TECH ENTHUSIAST, RESEARCHER & TEACHER

I am a technology enthusiast obsessed with automating my workflows. Currently, I work for and provide services to The Information and Communications Technology Association of Zambia (ICTAZ).

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## NOTABLE PROJECTS

- **PatrickBlogSite:** My modern, Flask-based portfolio and blog website designed for professional presentation and content management.
    - Visit site: <https://patrickmwila.ictaz.org.zm>
    - Source Code: <https://github.com/patrickmwila/PatrickBlogSite.git>
  - **ICTAZ Registration GUI Debugger:** A script that automates the process of debugging registration errors when a client attempts to submit and pay from the Legacy ICTAZ membership portal (<https://membership.ictaz.org.zm>). Kindly note that the source code for this project is private, if you wish to know the specific implementation reach out to me.
    - Visit App: <https://clearerrors.ictaz.org.zm>
  - **Lusaka Internet Meetup Page:** Designed and Configured the 2024 Lusaka Internet Meetup Page for Bloggers of Zambia, using Bakery Page Builder.
    - Visit Page: <https://bloggersofzambia.org/lusaka-internet-meet-up>
  - **ndineBudgetor:** A personal finance tracking web application built with Flask and Bootstrap.
    - Visit App: <https://ndinebudgetor.ictaz.org.zm>
    - Source Code: <https://github.com/patrickmwila/ndineBudgetor.git>
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## PROFESSIONAL EXPERIENCE

### ICT Association of Zambia

October 2024 - Present

#### Acting ICT Innovations & Administrator

- In this role, I lead efforts to coordinate IT infrastructure, implement solutions tailored to organizational needs, and provide consultancy on technological tools that enhance the efficiency of end-to-end operations and events.

### ICT Association of Zambia

February 2024 - October 2024

#### Management Trainee

- Set up and configured the first Electronic Voting System used during the ICTAZ April 2024 AGM in Livingstone, with guidance from NAPSA Head of Innovations, Mr. Eltone Makaliki.
- Designed and implemented the first back-office web application (ICTAZ Registration GUI Debugger), fully automating the resolution of registration errors for members. This resulted in more members being registered daily, increasing turnover.
- Collaborated on the design of the Software Requirements and Specification Document for the ICTAZ Event Management System, playing a crucial role in designing the main UML diagrams to showcase the major functionalities to be developed.

- Learned and implemented fundamental concepts of customer service, focusing on user-centered delivery.
- Automated error resolution processes during customer registration by writing custom SQL scripts, resulting in a reduced workload.
- Demonstrated Linux server troubleshooting expertise by joining the team during a server downtime. Collaborated with Zamtel's on-site server infrastructure team to install Ubuntu 18.04, update configurations, and set up the ICTAZ Membership System.

**Northmead Secondary School  
Student Teacher**

**February 2024 - April 2024**

- Taught computer studies and mathematics.
- Created schemes of work, records of work, and lesson plans.
- Assessed student performance.
- Managed school activities.

**The University Of Zambia (UNZA)  
Awarded Paid Student Portal Developer**

**July 2023 - October 2023**

Awarded paid student portal developer. Worked closely with a masters student, who was tasked to investigate the feasibility of designing and implementing a national scholarly research portal. The portal was intended to aggregate research produced in Zambia from different repositories and make it available to users. The user interface was designed to provide different facets for searching and filtering data.

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## **EDUCATION**

**The University of Zambia**

Bachelor of Information and Communication Technologies in Education (B.ICTs.Ed), ICTs with Mathematics

**Mpongwe Boarding Secondary School**

Grade 12 Certificate

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## **REFERENCES**

**Chellah Silavwe, CEO & Registrar  
@ ICTAZ**

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**Lighton Phiri, PhD**

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Management Professional @ NAPSA**

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