

## VITUMBIKO SIBALE

DMI-St. John The Baptist University

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### Objective

I am a final-year Computer Science student at DMI-St. John The Baptist University, seeking a recommendation letter to support my application for future academic and career opportunities in software development, with a focus on computer vision, AI, and machine learning.

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### Education

#### Bachelor of Science in Computer Science

DMI-St. John The Baptist University, 2022 – Present

- Relevant Courses: Software Engineering, Ai & Expert Systems, Ethical Hacking
- **Final Project:** PlateSync (Electronic Toll Collection System with ANPR)
  - Developed using TensorFlow and OpenCV for automatic number plate recognition.
  - Hosted at: <https://etc-p25z.onrender.com>

#### Bachelor of Science in Computer Engineering

University of Livingstonia, 2019 – 2020

#### Malawi School Certificate of Education (MSCE)

St. Augustine Open Secondary School, 2014 – 2018

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### Technical Skills

- **Programming Languages:** Python, JavaScript
- **Frameworks & Libraries:** Flask, TensorFlow, OpenCV, SQLAlchemy
- **Web Technologies:** HTML, CSS, Bootstrap

- **Tools:** Git, Docker, Postman
  - **Database Systems:** MySQL, SQLite
  - **Electronics Repair:** Experienced in troubleshooting and fixing gadgets and electronic devices
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## Projects

### Smart Intruder Detection System (3rd Year Mini Project)

- Developed an AI-based system using OpenCV for detecting unauthorized access to secured premises.

### PlateSync (Electronic Toll Collection System)

- Created an ANPR-based toll collection system using TensorFlow and OpenCV.
  - Developed user and admin dashboards, integrated with mobile money gateways.
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## Work Experience

### Data Clerk

Zamm Investments, Jan 2023 – March 2023

- Entered and managed data related to client transactions and inventory.
- Ensured accuracy and integrity of database records.

### Inventory Clerk

Tutla's Fast Save, August 2023 – September 2023

- Managed inventory data and created barcodes for supermarket items.
  - Handled stock updates and product labeling.
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## Certifications

- **Endpoint Security Certificate**, Cisco
  - [Credential Link](#)