

## Contact

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## Top Skills

Fast API  
Telemetry  
React

## Languages

Bemba (Native or Bilingual)  
English (Native or Bilingual)

## Certifications

Introduction to Machine Learning  
Introduction to Mobile Development.  
Certificate of Participation  
CV Projects Expo 2024  
Certificate of Appreciation

## Honors-Awards

KCM Community Initiative Program Scholar  
Best-performing pupil 2022  
Best-performing Student Grade 11  
ECZ Results  
Best Performing Student on the Copperbelt, Grade 9 ECZ Examnination

# Wazingwa Mugala

Software Engineer Intern @ Polaris Cloud AI | Computer Engineering @ CBU. | MEF Scholar Zambia

## Summary

Hey there! I'm Wazingwa Mugala, a passionate Computer Engineering student at Copperbelt University (CBU) who thrives on solving real-world problems with code. From designing AI-powered applications to diving deep into computer vision, I love pushing the boundaries of technology.

When I'm not coding, you'll probably find me geeking out over the latest in AI or organising and participating in a church event.

## Experience

Polaris Cloud AI  
Software Engineer Intern  
September 2025 - Present (4 months)  
United States

- Designed and implemented an MVP Africa-first search (AfriSearch) platform with a React/Tailwind frontend for local business and service discovery.
- Polaris Smart Compute Aggregator | GPU Marketplace Platform.

Copperbelt University - Riverside Campus  
Computer Engineering Student  
November 2023 - Present (2 years 2 months)  
Kitwe, Copperbelt Province, Zambia

LaunCHER Engineer's Hub  
Graphic Designer and Web Developer  
June 2025 - Present (7 months)

Masomo Education Foundation  
Scholarship Holder (Recipient)  
May 2025 - Present (8 months)

Aspira  
Founder & CEO

April 2025 - Present (9 months)  
Kitwe, Copperbelt Province, Zambia

Aspira is a transformative platform designed to empower Zambian youth by bridging the gap between high school and higher education. We provide comprehensive tools, resources, and guidance to help students navigate their academic and career journeys with confidence. From personalized university recommendations and virtual campus tours to scholarship databases and mentorship networks, Aspira is your one-stop solution for unlocking opportunities and shaping a brighter future. Join us in empowering the next generation of leaders, innovators, and changemakers in Zambia.

**SEVENTH DAY ADVENTIST CHURCH**  
2 years 1 month

Publicity Secretary  
April 2025 - Present (9 months)

VOP leader ( Riverview SDA Church Kitwe)  
January 2024 - Present (2 years)

Pathfinder Master Guide  
December 2023 - Present (2 years 1 month)

Cracked Lemonade Stand  
Junior Software Engineer  
March 2025 - September 2025 (7 months)  
New York, United States  
Working on a cool MVP.

**GO YE THEREFORE ZAMBIA**  
Founder , Video Editor , Graphic Designer  
April 2020 - September 2025 (5 years 6 months)  
Zambia

Go Ye Therefore is a Christian based ministry that seeks to Spread the Gospel through Media.

Education 24  
Scholar  
July 2023 - January 2025 (1 year 7 months)

As a scholar at Education24, I gained valuable skills and insights into the U.S. college admission process. I honed my expertise in financial aid applications, effective college research, and interview preparation through comprehensive

training. I also developed strong essay-writing skills, learning how to craft compelling personal statements and supplemental essays that resonate with admissions committees. The program gave me a thorough understanding of the steps required to navigate the admissions process successfully, equipping me with the tools to approach each stage confidently and clearly.

**Code Savanna**

**Software Developer Intern**

September 2024 - December 2024 (4 months)

Lusaka

During my internship at Code Savanna, I worked with a tech stack comprising HTML, CSS, JavaScript, React, and Node.js to design, develop, and maintain web applications. My role involved creating user-friendly interfaces, implementing responsive designs, and ensuring seamless front-end and back-end integration. I contributed to real-world projects by evaluating requirements, writing clean and efficient code, performing unit testing, and troubleshooting issues to improve functionality. Additionally, I shared knowledge through bi-weekly online sessions (Stand-up calls), being mentored by senior developers, and fostering collaboration while gaining practical experience in full-stack web development.

**Plastal-Bot Builders**

**Creative Director**

March 2024 - November 2024 (9 months)

Kitwe, Copperbelt Province, Zambia

**Program in Algorithmic and Combinatorial Thinking (PACT).**

**Participant**

July 2024 - July 2024 (1 month)

Philadelphia, Pennsylvania, United States

**Zambia Institute For Sustainable Development**

**SAT Math Tutor**

October 2023 - October 2023 (1 month)

Chililabombwe, Copperbelt Province, Zambia

-Taught SAT math concepts and helped with revision.

**Self-employed**

**Private Tutor**

January 2023 - August 2023 (8 months)

Chililabombwe, Copperbelt Province, Zambia

**MeloSpot**  
Software Engineer Intern  
December 2022 - January 2023 (2 months)  
Chililabombwe, Copperbelt Province, Zambia

**alex\_africa**  
Trainee  
December 2022 - January 2023 (2 months)  
Chililabombwe, Copperbelt Province, Zambia

**Hillcrest National STEM Secondary School**  
1 year 2 months

**Mathematics Club Secretary**  
January 2022 - November 2022 (11 months)  
Livingstone, Southern Province, Zambia

Helped Organize Math Lessons for the club, kept member records and helped in decision making.

**House Librarian**  
October 2021 - October 2022 (1 year 1 month)  
Livingstone, Southern Province, Zambia

**Konkola Copper Mines plc**  
Scholarship Holder (Recipient)  
January 2018 - September 2019 (1 year 9 months)  
Chililabombwe, Copperbelt Province, Zambia

Received full scholarship to study at Konkola Secondary Trust School (Grade 8-9)

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## Education

**The Copperbelt University**  
Bachelor's degree, Computer Engineering · (November 2023)

**Hillcrest National STEM School**  
Secondary School Certificate · (January 2020 - November 2022)

**Konkola Trust School**  
· (January 2018 - November 2019)

**Coursera**

## Introduction to Mobile Development