



MALASHA REMMY

Student Software Engineer

📍 Based in Kitwe, Zambia | Lusaka Residence 📞 +260 979 603 098 | +260 762 567 748

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📄 codecademy.com/profiles/course0031648886 📄 devpost.com/mremmy84

PROFILE

Computer Science student specializing in software engineering, data analytics, and operational systems. Passionate about improving efficiency and data-driven decision-making within complex industrial and infrastructure environments.

Adept at bridging the gap between software applications and physical operations. Seeking a role in system support, software tools, or data management to optimize production workflows and build rigorous engineering discipline.

EDUCATION

The Copperbelt University (CBU) | Expected Graduation: April 2028

Bachelor of Science in Computer Science

Riverside Campus,
Jambo Drive, Kitwe

Relevant Coursework:

- Probability, Statistics and Discrete Mathematics
- Data Structures and Algorithms
- Object-Oriented Programming
- Software Engineering
- Computer Architecture
- Web Development

The Kamwala Secondary School | Graduate Class of 2021

O-Level (Ordinary Level) Education

02/2019 – 11/2021
H78W+Q87, Lusaka

- School Certificate
- School Testimonial

TECHNICAL SKILLS

Programming Languages

C#, C++, JavaScript, TypeScript, Python

Frontend Development

HTML5, CSS3, Tailwind CSS, React, Vite, Responsive Web Design

Cross-Platform Development

.NET MAUI, Blazor

Software Engineering Practices

Object-Oriented Programming (OOP), SDLC, Agile (Scrum), Debugging & Testing, Version Control, Technical Documentation, UI/UX Fundamentals

Development Tools

Git, GitHub, Visual Studio Code, Figma, Jupyter Notebook

Backend Development

Node.js, PHP

Databases

MySQL, Firebase Firestore, Supabase

Professional Skills

Team Work and Collaboration, Strong problem-solving abilities, Communication, Cross-Functional Collaboration, Leadership, Microsoft Office

EXPERIENCES AND PROJECTS

Information and Communications Technology Association of Zambia (ICTAZ) |

2023 – Present

CBU Chapter

Active Member

Collaborated with peer technical teams to build, test, and support practical software tools and data infrastructure. Actively participating in professional development workshops focused on systems engineering, data analytics, cybersecurity and operational reliability within the university technology ecosystem.

Pistis Foundation Sprintathon - Group Project

03/2024 – 03/2024

Participant

Collaborative development of a cross-platform application using .NET MAUI and Blazor during a structured innovation sprint. Key Contributions:

- Worked within a multidisciplinary development team
- Contributed to UI development and consistency improvements
- Supported testing and workflow refinement
- Applied agile development practices in a team environment

Technologies: C#, .NET MAUI, Blazor, Git Achievement: Certificate of Participation (2024)

StashU - Personal Project

11/2025 – Present

Student Finance Platform

A student-focused platform designed to support budgeting, expense tracking, and financial awareness. Key Contributions:

- Developed responsive UI using React and TypeScript
- Implemented budgeting and expense tracking features
- Designed user-centric navigation and interaction flows
- Applied component-based architecture principles
- Managed version control using Git and GitHub

Technologies: HTML5, Tailwind CSS, Vanilla JavaScript (ES6+), Recharts / D3.js (Data Visualization) + Firebase

TimeScope (TiSco) - Personal Project

04/2026 – 11/2026

Temporal Visualization Platform

A web-based system designed for continuous navigation and visualization of time across multiple scales using an interactive, map-like interface. Key Contributions:

- Designed system architecture and user experience structure
- Built responsive layouts and interactive navigation components
- Developed reusable UI components
- Applied systems-thinking to temporal data visualization

Technologies: React, TypeScript, UI Engineering

LEADERSHIP & COMMUNITY INVOLVEMENT

Google Developer Group (GDG) | Kitwe Chapter

2023 – Present

Active Member

Kitwe, Zambia

- Participate in technical workshops, developer sessions, and hackathons
- Engage with emerging technologies and software engineering practices
- Collaborate with peers in learning and community development activities

ICT Association of Zambia (ICTAZ) | CBU Chapter

2023 – Present

Active Member

Zambia

- Participate in student technology initiatives and professional events
- Engage in discussions on innovation and industry development
- Contribute to collaborative learning activities and technical exposure programs

Boys Brigade

2020 – Present

Warrant Officer

Lusaka, Kitwe, Zambia

- Provided leadership and mentorship to junior members
- Coordinated activities within a structured youth organization
- Developed responsibility, discipline, and team coordination skills

ACHIEVEMENTS

Achievement List

- Certificate of Participation — PiSTis Foundation Sprintathon (2024)
- Certificate of Participation — ICTAZ CBU Chapter (2024)
- Certificate of Participation — ICTAZ CBU Chapter (2025)
- Active contributor to multiple software development projects
- Continuous engagement in developer communities and technical programs

LANGUAGES

- English (Native and Bilingual)
- Bemba (Native and Bilingual)
- Nyanja (Native and Bilingual)

INTERESTS

Software Engineering | Systems Design | Artificial Intelligence | Product Development |
Human-Centered Technology | Leadership | Mentorship