

Meresiana Alfred John

STEM Educator | Robotics Facilitator | Gender Inclusion Advocate

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Generation Tech Space

Professional Summary

Passionate STEM educator, robotics facilitator, and mentor committed to empowering young minds through technology, innovation, and logical problem-solving. Recent Computer Science graduate (BSc, Mbeya University of Science and Technology, 2025) with training in social enterprise and impact-driven business from the University of Cambridge (November 2025). Chief Executive Officer of Kitaa Tech, General Manager of AfroDemos Tech, and Chief of People & Organization at Generation Tech Space, Mbeya, Tanzania. Driving inclusive STEM education with a focus on bridging the gender gap in technology and expanding opportunities for girls across Africa, with the ambitious goal of inspiring 10,000+ girls to pursue technology careers by 2030.

Technical Skills

Programming & CS	Python, Scratch, coding fundamentals, code flow concepts, web application development
AI & Emerging Tech	AI literacy, Machine Learning concepts, Logic & computational thinking
Robotics & STEM	Robotics facilitation, embedded systems, IoT, digital virtual lab platforms
Education & Leadership	Curriculum design, youth mentorship, gender inclusion advocacy, organizational leadership, social enterprise strategy

Honours and Awards

- 2026 **Digital Lion Program**, *Alibaba Global Initiatives & Africa's Business Heroes (eWTP)*
Certificate of Completion for successfully completing the programme exploring Alibaba's best practice in strategy formulation and implementation.
- 2026 **Women in Pitch & Protect**, *Women in STEM through IP Management*, Kigali, Rwanda
Selected to participate in the Women in Pitch & Protect IP management initiative.
- 2025 **Best Innovator Award**, *Innovation & Research Week*, Mbeya University of Science and Technology
Recognised for outstanding innovation contributions at MUST's annual research showcase.
- 2025 **IEEE STEM Summit Participation**, *IEEE TRYEngineering & STEM Summit*
Participated in the global IEEE STEM Summit, engaging with international educators.

Professional Experience

- 2025 – Present **Chief Executive Officer**, *Kitaa Tech*
 - Lead strategy, operations, and growth of Kitaa Tech
 - Drive technology-focused solutions and organizational vision
- 2025 – Present **General Manager**, *AfroDemos Tech*
 - Oversee day-to-day operations and strategic direction
 - Manage teams and partnerships to advance the company's technology and innovation goals
- 2021 – Present **Chief of People & Organization**, *Generation Tech Space*, Mbeya, Tanzania
 - Lead technology education and community-driven innovation initiatives
 - Scaled robotics training from an all-boys cohort to an inclusive programme with growing female participation
 - Hosted the first Girls-Only Robotics Training at MUST (October 2025)
 - Manage Generation Tech Space's digital virtual lab platform
 - Build and maintain strategic partnerships with MUST
- 2023 – Present **STEM Educator & Robotics Facilitator**, *Multiple Institutions*, Mbeya, Tanzania
 - Mentored and trained 30 girls at UWATA Pre & Primary School in STEM fundamentals
 - Delivered STEM education to 45 girls at St. Marcus School
 - Taught 15 girls at Dasyan School: AI, Machine Learning, and Logic
 - Guide learners from code flow concepts to developing functional digital applications

Academic History

Nov 2025 **Social Enterprise and Impact-Driven Business**, *University of Cambridge*, Cambridge, UK
2022 – 2025 **Bachelor of Science, Computer Science**, *Mbeya University of Science and Technology (MUST)*, Tanzania
Graduate

Key Initiatives & Projects

October 2025 **Girls-Only Robotics Training**, *Founder & Lead Facilitator*, Mbeya University of Science and Technology
First dedicated girls-only robotics programme at MUST, creating safe spaces for young women to develop confidence in STEM.

2023 – Present **Generation Tech Space Robotics Lab**, *Programme Lead*, Mbeya University of Science and Technology
Established and scaled the robotics lab programme to 62 students including 10 girls by 2025.

Ongoing **Africa STEM Expansion Vision 2030**, *Visionary Lead*, Generation Tech Space
Targeting 10,000+ girls across Africa to pursue technology careers by 2030.

Ongoing **Digital Virtual Lab Platform**, *Platform Manager*, Generation Tech Space
Online environment enabling students to experiment and innovate beyond the classroom.

Workshops, Training & Events

2026 Women in Pitch & Protect | Kigali, Rwanda — Women in STEM through IP Management

2026 Digital Lion Program | Alibaba Global Initiatives & Africa's Business Heroes — Certificate of Completion

2025 IEEE STEM Summit | International — IEEE TRYEngineering STEM Summit, Certificate of Participation

2025 Innovation & Research Week | Mbeya, Tanzania — MUST, Awarded Best Innovator

Oct 2025 Girls-Only Robotics Training (Host) | MUST, Mbeya — Exploring, learning, and innovating through technology

Nov 2025 Social Enterprise and Impact-Driven Business | University of Cambridge, UK

Membership

IEEE Member

Kitaa Tech Chief Executive Officer (2025 – Present)

AfroDemoz Tech General Manager (2025 – Present)

Generation Tech Chief of People & Organization (2021 – Present)

Space

References

Ipyana Issah Mwaisekwa, *MSc. Internet of Things*, Mbeya University of Science and Technology
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Ukende Kingu, PhD, *Doctor of Philosophy*
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Neema Benjamin Kitale, *Assistant Registrar, Business Registrations and Licensing Agency (BRELA)*
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Teaching Methodology

Ms. John's pedagogical approach emphasises logical thinking, coding fundamentals, AI literacy, and practical problem-solving. She guides learners from code flow concepts to developing real digital solutions — transforming desk-based ideas into functional applications accessible to learners of all backgrounds.