

Arsene Muvunyi Nzivugira

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Software Engineer

Engineer with strong skills in software development, embedded systems, and user-centered design. Experienced in building web and mobile apps, system integration, and inclusive tech solutions. My projects have won prizes and awards for their impact and standing-out. I am passionate about creating impactful, real-world digital products.

WORK EXPERIENCE

ETix Rwanda • Rwanda • 01/2024 – Present

ETix is a digital ticketing system designed to streamline bus transportation in Rwanda. The platform enables users to book tickets via mobile devices, supports mobile payments, and provides transport companies with tools to manage routes, prices, and parking spaces efficiently.

Co-founder and Developer • Board

Led a team of developers to build this award winning product which was meant for the Rwanda Market

RISA(Rwanda Information Society Authority) • 08/2025 – 12/2025

RISA has the mission of digitizing the Rwandan society through increased usage of Information and Communication Technologies and innovation technology.

Fullstack Developer • Internship

Worked with a team of developers to build software solutions.

Mashirika Performing Arts And Media Company • 05/2024 – 07/2024

Mashirika Performing Arts And Media Company is a Rwanda-based creative hub and platform that empowers young African artists by showcasing their talents through visual arts, digital exhibitions, and storytelling all linked to their African roots.

Software Developer • Part-time

Led a team of developers to make their platform and help with digital content

EDUCATION

High School Diploma in Software Programming and Embedded Systems

Rwanda Coding Academy • Nyabihu RN, Mukamira • GPA: 3.3 • 09/2022 – 07/2025

Part of the School Platform Development Team

SKILLS

- 3D Modeling
- Embedded Systems
- Software Development
- Cybersecurity
- Machine Learning
- Software Engineering
- DevOps
- Presentation

CERTIFICATIONS

3 Year iLead Program Graduate • 09/2022 – 06/2025

iLead Program – John C. Maxwell

AWARDS & SCHOLARSHIPS

PicoCTF 5th Place National Winner • 05/2025

Carnegie Mellon University Africa (CMU Africa)

KOICA–RCA 2024 Hackathon Top 3 Projects • 10/2024

Korea International Cooperation Agency (KOICA)

PicoCTF 3rd Place National Winner • 05/2024

Carnegie Mellon University Africa (CMU Africa)

PROJECTS

ETix • 01/2024 – 08/2025

ETix Rwanda

ETix is a digital ticketing system designed to streamline bus transportation in Rwanda.

Conexus • 09/2024 – 08/2025

Brop Co

Conexus is a smart accessibility platform that bridges communication and mobility gaps for people with disabilities

VOLUNTEERING & LEADERSHIP

Red Cross Association

Red Cross Association Member

Received training to help with first aid in case of any health emergency.

KOICA

Workshop Trainee

Won most impactful idea in a Local Impact Solutions competition during the workshop.