

Joshua Kiryowa Mukisa

Software Developer

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Profile

Software developer with 5+ years of experience building full-stack applications, AI/ML systems, and real-world IoT solutions. Passionate about inspiring a generation of Africans to rise, lead, and redefine the global tech space.

Experience

CEO & Founder

Jul 2022 – Present

VoteAble

- Founded and led a full-stack e-voting platform currently operating at Aga Khan High School Kampala with ongoing development to scale and onboard additional schools.
- Cut election time from over a month to just one week by streamlining vetting, voting, and same-day results.
- Averaged 2,000+ monthly platform views during election periods.
- Managed a team to drive development, launch, and growth.
- Monetized via annual subscription, creating sustainable revenue.

Co-Founder

May 2025 – Present

Videra Digital

- One of three co-founders (2 developers, 1 UI/UX designer) of a creative tech collective delivering sleek websites and full-stack web applications.
- Generated **UGX 3 million** revenue in our first summer of operation.
- Led development of **Cadera**, a School Information System that digitizes report cards and academic records, boosting school efficiency and data accuracy.
- Managed client relations and project timelines while growing and collaborating with a dynamic team.

Frontend Web developer

Apr 2023 – Sep 2023

UpLift Establishment Limited

- Engineered and launched a fully responsive website from scratch, improving load speed and user engagement.
- Spearheaded UI redesigns that boosted usability and streamlined navigation.
- Collected and organized media assets for the business, integrating dynamic galleries that enhanced visual storytelling and user interaction.
- Collaborated cross-functionally to deliver seamless frontend functionality

Personal details

Date of birth

January 17, 2007

Gender

Male

Website

joshuamukisa.onrender.com

LinkedIn

linkedin.com/in/joshua-mukisa/

GitHub

github.com/Josh-The-Developa

Skills

JavaScript

Python

React.js

Node.js

Express.js

MongoDB

Git/Github

Microsoft Excel

Microsoft PowerPoint

Microsoft Word

Problem Solving

Collaboration

Teamwork

Creativity

Communication

Education

International Baccalaureate Diploma Programme (IBDP)

Sep 2023 – May 2025

The Aga Khan High School, Kampala, Uganda

Grades Attained: **39/45**

Higher Levels: **Math AA, Physics, Digital Society**

Standard Levels: **Business, French B, English A: Lang & Lit**

International General Certificate of Secondary Education (IGCSE)

Jun 2023

The Aga Khan High School, Kampala, Uganda

Grades Attained: **5A*s, 2As, 1B, 1C.**

Awarded International Certificate of Education with Distinction.

Subjects: **Math, Physics, ICT, Business, French, Chemistry, Economics, English, Literature**

Projects

Cadera – Student Information System (SIS)

- Initially contracted for **UGX 1.5 million** by Makarios Junior School; expanding to architect a scalable multi-tenant SIS platform for academic reporting and performance tracking across Ugandan institutions.
- Digitizing report generation, class/subject mapping, and exportable report cards (PDF)
- Implemented secure role-based access (head teacher, admissions officer, teacher) with responsive UIs backed by a Postgres-powered Supabase API
- Strategizing to scale and monetize the platform as a sustainable passive income source

VoteAble – Electronic voting Platform

- Engineered a scalable multi-tenant voting system with dynamic subdomain routing and school ID-based data isolation.
- Implemented secure auth, poll management, real-time vote tallying, and admin dashboards with granular role-based access.
- Deployed scalable backend on Render and designed responsive UIs to optimize performance for mobile voting.

References

Sophie Masembe

The Aga Khan High School, Kampala

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Paul Tumusiime

The Aga Khan High School, Kampala

tumpol25@gmail.com

Martial Mugabe

UpLift Establishment Limited, Mukono

martialmugabe@gmail.com

Languages

English

French