Joshua Kiryowa Mukisa

Software Developer

✉ kiryowajoshua22@gmail.com 📞 +256 755 779927 📍 Nalubale Road, Naalya Estate Kampala

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
jmuks-portfolio.onrender.com

LinkedIn
linkedin.com/in/joshua-mukisa/

GitHub
github.com/Josh-The-Developapa

Skills

JavaScript

Python

React.js

Node.js

Express.js

MongoDB

Git/Github

Microsoft Excel

Microsoft PowerPoint

Microsoft Word

Problem Solving

Collaboration

Teamwork

Creativity

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

Martial Mugabe
UpLift Establishment Limited, Mukono
martialmugabe@gmail.com

Sophie Masembe
The Aga Khan High School, Kampala
sophie.masembe@akesu.org

Paul Tumusiime
The Aga Khan High School, Kampala
tumpol25@gmail.com

Languages

English

French