

SSENGOOBA AKRAM

Full Stack Developer · Software Engineering Student

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PROFESSIONAL SUMMARY

Full-stack developer and third-year Software Engineering student at Bugema University with 2+ years of freelance experience building and deploying web applications for clients in Uganda. Proficient in React, Next.js, Python/Django, and PHP/Laravel, with experience delivering end-to-end solutions from UI design to production deployment. Self-driven developer with experience in hackathons and building real-world software projects.

TECHNICAL SKILLS

Frontend React, Next.js, Vue.js, TypeScript, Tailwind CSS, HTML/CSS, Figma

Backend & APIs Python, Django, PHP, Laravel, REST APIs, PostgreSQL

Tools & DevOps Git, GitHub, Vercel, Linux, VS Code

Soft Skills Client communication, Independent delivery, Team collaboration, Problem-solving

Languages English (Fluent), Luganda (Native)

EXPERIENCE

Freelance Full Stack Developer · *Giniyas Media Services* | Dec 2023 – Present

- **Delivered 3 client projects** end-to-end from requirements and design to deployment for businesses across Uganda.
- **Built full stack web apps** using React, Next.js, Django, Laravel, and PostgreSQL, with REST API integrations.

Website Maintainer & Developer · *Montana International School* | 2024

- **Improved site performance and UI consistency** modernizing a static website into a dynamic Laravel CMS with features like online applications, events and calendar management, and news/newsletter systems, while delivering all work remotely with clear communication and timely execution.

ICT Club President · *Gombe Secondary School* | Mar 2022 – Mar 2023

- **Mentored 30+ peers** through ICT workshops, coding tutorials, and hands-on digital literacy sessions.

SELECTED PROJECTS

Haraka Care *React · Django · AI/ML API · REST · PostgreSQL · Whatsapp Business API · Africa talking*

- **AI-powered healthcare solution** built at AI Fest Uganda 2025 (GDG Makerere); patients report symptoms via WhatsApp or SMS and the system automatically assigns the nearest suitable hospital based on proximity, case severity, and medical context.

Tiba Charity Platform *React · Laravel · Tailwind CSS · Flutter Wave · PostgreSql*

- **Donation and fundraising platform Tiba Charity Platform** — Campaign contribution tracker with public and member portals; displays real-time donation progress, donor counts, and project updates publicly, while members can track personal contributions and manage monthly subscription fees — payments via Flutterwave and Mobile Money.

EDUCATION

B.Sc. Software Engineering | Aug 2024 – Present

Bugema University, Kampala

Uganda Advanced Certificate of Education (UACE) | 2022 – 2023

Gombe Secondary School, Butambala

ICT Club President

Uganda Certificate of Education (UCE) | 2016 – 2020

Gombe Secondary School, Butambala

CERTIFICATIONS

- ▶ **Python Essentials 1 & 2** — *Cisco Networking Academy*
- ▶ **Introduction to Linux** — *Linux Foundation*
- ▶ **Android Development with Jetpack Compose** — *Google*
- ▶ **C Programming 1 & 2** — *Cisco Networking Academy*
- ▶ **Foundations of IoT** — *Stanford University*