

ABAASA BYOONA

Software Engineer · Full-Stack Developer · Mobile & System Developer

📍 Kampala, Uganda

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LinkedIn | GitHub

PROFESSIONAL SUMMARY

Results-driven Software Engineer and Full-Stack Developer based in Kampala, Uganda, with hands-on experience designing, building, and deploying web systems, mobile applications, and desktop solutions. Proficient in multiple programming languages and modern frameworks, with a strong eye for UI/UX design. Adept at translating business requirements into clean, scalable digital products — from healthcare management systems to tourism platforms and creative portfolios. Currently completing a Bachelor's degree in Software Engineering at ISBAT University.

TECHNICAL SKILLS

Languages	Python · JavaScript (ES6+) · PHP · Java · HTML5 · CSS3 · SQL
Frameworks	React · Next.js · Node.js · Express
Mobile & Desktop	Android (Java) · Cross-platform Mobile Apps · Desktop Applications
Databases	MySQL · PostgreSQL · Firebase · MongoDB
Design & Tools	Figma · Adobe Photoshop · WordPress · Git & GitHub · VS Code
Other	System Architecture · UI/UX Design · Agile Development · REST APIs

EDUCATION

Bachelor of Science in Software Engineering	2025 – Present
<i>International School of Business and Technology (ISBAT University) — Kampala, Uganda</i>	
Diploma in Software Engineering	Completed
<i>International School of Business and Technology (ISBAT University) — Kampala, Uganda</i>	
Uganda Certificate of Education (UCE) & Uganda Advanced Certificate of Education (UACE)	

WORK & FREELANCE EXPERIENCE

Freelance Software Developer	2023 – Present
<i>Self-Employed — Kampala, Uganda</i>	
- Designed, developed, and deployed full-stack web applications and systems for real clients across healthcare, tourism, and creative industries. - Built and launched a dental clinic management system (Sterling System) handling patient records and appointment scheduling. - Developed responsive, SEO-optimised marketing websites for local businesses and independent professionals.	

- ▶ Collaborated with clients to gather requirements, iterate on UI/UX designs, and deliver polished digital products.
- ▶ Managed version control, deployment pipelines, and hosting for all delivered projects using Git and Vercel.

KEY PROJECTS

01. Sterling System — Clinic Management App — Full-stack web application for tracking patient appointments and medical records at Sterling Dental Clinic. Built for efficiency, data security, and ease of use. [\[View ↗\]](#)

Tech: React · Node.js · MySQL · REST API

02. Pearl Travel Uganda — Tourism Platform — A travel & tourism website showcasing Northern Uganda destinations, designed to help visitors discover the Pearl of Africa. [\[View ↗\]](#)

Tech: HTML · CSS · JavaScript · Responsive Design

03. Sterling Dental Clinic — Official Website — Professional website for Sterling Dental Clinic, Garden City Kampala. Clean, trustworthy design built to communicate professionalism and patient care. [\[View ↗\]](#)

Tech: Web Design · HTML · CSS · JS

04. Vegus Ink — Tattoo Studio Website — Immersive website for a tattoo studio with a bold aesthetic that mirrors the artistry of the craft. [\[View ↗\]](#)

Tech: Frontend · UI/UX · Figma

05. Multiple Creative Portfolio Sites — Designed and built personal brand portfolio sites for photographers, graphic designers, and creative directors (Aleku Gilbert, Namatovu Sharifah, Amana Isaac, Nasasiira Patrick). [\[View ↗\]](#)

Tech: React · Next.js · Figma · Web Design

SERVICES & CAPABILITIES

- ▶ **Full-stack and frontend websites — from landing pages to complex web platforms**Web Development:
- ▶ **Cross-platform mobile applications for Android and other platforms**Mobile App Development:
- ▶ **Business management systems (appointments, records, inventory, user management)**System Development:
- ▶ **Wireframes, prototypes, and pixel-perfect designs using Figma and Adobe Photoshop**UI/UX Design:
- ▶ **Website setup, customisation, and management on WordPress**WordPress & CMS:
- ▶ **Relational database architecture, optimisation, and administration**Database Design:

ADDITIONAL INFORMATION

Nationality: Ugandan

Languages Spoken: English (Fluent), Runyankole (Fair), Luganda (Fair)

Portfolio: <https://abaasabyoona.is-a.dev/>

GitHub: github.com/ABAASA-BYOONA

LinkedIn: [linkedin.com/in/abaasa-byoona-853012374](https://www.linkedin.com/in/abaasa-byoona-853012374)