

Simon Ddungu

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Summary

Second-year Computer Science student and full stack developer with hands-on experience building and deploying applications. Skilled in both Front end and Back end technologies, a solid foundation in data structures and algorithms and a commitment to writing clear, maintainable code. Seeking an internship where I can apply and contribute my skills to real-world impactful projects, learn from experienced professionals and continue growing as a software developer.

Education

ISBAT University

Lugogo Bypass, Uganda

Bachelor's of Science in Computer Science

Expected Graduation, Dec 2026

- **Concentration:** Software Engineering, Web Development.
- **Related Coursework:** Software Engineering Professional Practices, Web Development, Object-Oriented Programming, Data Structures & Algorithms, Database Management Systems, Operating Systems, Cybersecurity, Computer Architecture.

Projects

1. Agrix

Link: agrixapp.com

A platform for farmers to sell crops, buy inputs, access farming tips and check weather updates, designed to improve decision-making and productivity.

Technologies: React, Next.js, TypeScript, Tailwind CSS, Netlify.

Contributions:

- Designed and built a clean, responsive site to promote the Agrix mobile application.
- Wrote and structured content to explain Agrix's features and benefits to non-technical users.
- Delivered a clean, mobile-friendly layout that reflects the app's focus on accessibility and impact.

2. Brueilex Group

Link: brueilexgroup.com

A corporate website showcasing Brueilex Group's water and energy solutions, including irrigation systems, solar energy, boreholes, generators and water pumping, designed to highlight efficiency, sustainability, and reliability.

Technologies: React, Next.js, TypeScript, Tailwind CSS, Nodemailer, Cloudflare.

Contributions:

- Integrated a functional contact form with Nodemailer to streamline client inquiries and service requests.
- Structured content and layouts to emphasize the company's reliability, professionalism and focus on sustainable solutions.
- Built a modern, responsive website to present Brueilex Group's services clearly across devices.

3. Vinniq Media (Currently being developed)

Link: vinniqmedia.com

A website for Vinniq Media, offering professional photography and videography services for portraits, events and media productions, designed to showcase creative work and attract new clients.

Technologies: React, Next.js, TypeScript, Tailwind CSS, Nodemailer, Cloudflare.

Contributions:

- Designed and developed a sleek, visually engaging site to highlight Vinniq Media's portfolio and services.
- Added a contact form with Nodemailer to make booking and client communication seamless.
- Implemented a responsive layout optimized for showcasing Vinniq media's content on mobile and desktop devices.

4. Pivosoft Coding Academy (Currently being refactored)

Link: academy.pivosoft.com

An online learning platform offering free mentorship in web development, mobile apps, backend and version control for beginners.

Technologies: React, Next.js, JavaScript, Tailwind CSS, Netlify.

Contributions:

- Built and maintained core frontend components and layouts.
- Helped integrate resources from mentors and display course content dynamically.
- Focused on responsive UI and clean user experience for first time learners.

5. Personal Portfolio

Link: portfolio-v2-0-six.vercel.app

A personal website to showcase my projects, document what I'm learning and talk a bit about who I am and where I want to go in tech.

Technologies: React, Next.js, TypeScript, Tailwind CSS, Vercel.

Contributions:

- Designed and built a fully responsive portfolio site to present my work and technical skills.
- Used clean visual structure and minimal styling for clarity and focus.
- Integrated GitHub, email, and project links for easy navigation and access.

Skills

Programming Languages: JavaScript, TypeScript, Python, Java, HTML, CSS, PHP

Front End Technologies: React, Next.js, Tailwind CSS

Back End Technologies: Node.js, Django

Databases: MySQL, SQLite, PostgreSQL, MongoDB

Tools: Git, GitHub, Postman, Ngrok

OS: Ubuntu Linux, Windows

Other: RESTful APIs, Responsive Design, Search Engine Optimization, Version Control