KAYIIRA EDWARD

SOFTWARE & CLOUD ENGINEER

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PROFILE

Software and Cloud Engineer with experience building web applications, developing digital solutions and supporting IT infrastructure. Comfortable working across frontend and backend development, WordPress, databases, Linux environments and cloud platforms. I enjoy solving practical problems through technology, building useful digital products and working with modern development tools — with particular interest in cloud engineering, DevOps, software architecture and the responsible application of AI in software development.

EXPERIENCE

Founder & Software Engineer — Tetea

Current

- Leading the development of Tetea, a digital customer feedback platform that helps organisations collect, understand and act on customer feedback.
- Exploring multilingual feedback experiences, including English, Luganda and Swahili.
- Owning product planning, technical architecture and full-stack development end to end.

Software & IT Intern — Uganda Martyrs University

Jun – Jul 2026

- Contributed to the redesign and improvement of the university website using WordPress, including migration, database setup and custom styling.
- Developed a Moodle plugin integrating WhatsApp Cloud API functionality.
- Supported Linux server environments, Moodle hosting, technical troubleshooting, IT infrastructure and network-related support.

Software Developer Apprentice — Primacy Academy

- Applied programming concepts to real development tasks and problem-solving through practical, project-based learning.
- Strengthened skills in software development, collaboration and technical implementation.

LEADERSHIP & COMMUNITY

Founder & Lead — UMU Technology Community

2026 – Present

- Building a student technology community focused on learning, building and practical impact.
- Encouraging collaboration, peer learning and participation in technology initiatives.

ICDL Ambassador — Uganda Martyrs University

2025 – Present

- Supporting digital skills awareness and adoption within the university community.
- Promoting digital literacy and practical technology skills.

SELECTED PROJECTS

Tetea tetea.space
Customer feedback platform helping organisations collect, classify and understand feedback, including multilingual experiences.

UMU Website Redesign
Contributed to the redesign of Uganda Martyrs University's website — presentation, content organisation and usability.

UMU Attendance PWA
Web-based attendance management platform supporting digital attendance workflows.

St. Anthony School for the Deaf
Contributed to a website supporting the school's digital presence and communication.

Kamu Eco Resort
Website development for a hospitality business, improving its online presentation.

TECHNICAL SKILLS

Programming: Python, JavaScript, TypeScript, HTML, CSS, PHP
Frontend: React, Next.js, Tailwind CSS, responsive web development
Backend: Node.js, REST APIs, database integration
CMS: WordPress, Elementor, Gutenberg
Databases: MySQL, MariaDB, Firebase, Supabase
Cloud & Infrastructure: AWS, Azure Fundamentals, Linux, Nginx, Docker, cloud servers
Tools: Git, GitHub, Postman, Vercel, Google Colab

EDUCATION

B.Sc. Computer Science — Uganda Martyrs University

2024 – Oct 2027 (Expected)

GPA 4.0 / 5.0

CERTIFICATIONS & TRAINING

AWS Cloud Fundamentals · AWS Cloud Practitioner Essentials · Cisco Networking Academy — Introduction to Networks (CCNA) · ICDL Digital Skills Certifications · HP LIFE — Cybersecurity Awareness · HP LIFE — Agile Project Management

Interests: Cloud Engineering · DevOps · Software Development · IT Infrastructure · Cybersecurity · Digital Transformation · Applied AI