

Clevis Gikenyi

Software Engineer · Python / Django / Full-Stack

Cardiff, UK · clevisgikenyi@gmail.com · +44 7897 348000 · [LinkedIn](#) · [GitHub](#)

PROFILE

Cardiff University graduate (BSc(hons) Applied Software Engineering, 2:1) and winner of the Best Applied Software Engineering Project award for building a privacy-preserving healthcare data platform. Has shipped two production systems for real clients, including a full-stack freelance platform deployed in January 2026. Specialises in Python, Django REST Framework, and Next.js; experienced in GDPR-aware system design, CI/CD pipelines, and Agile delivery.

EXPERIENCE

Freelance Full-Stack Developer | [KESWA \(Client Project\)](#)

Oct 2025 – Jan 2026

Independently contracted to design and deliver a production web platform for a community organisation, covering membership management, event coordination, and digital engagement. Platform publicly launched on 12 January 2026.

Key Contributions

- Built a full-stack platform using Next.js, Tailwind CSS, and a Node/Express backend, delivering responsive interfaces for public users and administrators.
- Developed 25+ feature modules — admin dashboards, membership management, event scheduling, blog publishing, and partnership workflows.
- Implemented secure user registration and approval workflows, enabling administrators to review and activate member accounts for 50+ organisation members.
- Built a volunteer opportunity system with admin-controlled publishing and application approval.
- Led end-to-end delivery: requirements gathering, iterative client demos, cloud deployment, and post-launch support.
- Codebase available on GitHub — full source and architecture documentation provided on request.

Full-Stack Engineer & Scrum Master | [Pontiro – Cardiff University Capstone](#)

Feb 2025 – May 2025

Led backend development and Agile delivery for a privacy-preserving data-sharing platform enabling healthcare researchers to securely request and access datasets in compliance with data protection principles (GDPR-aware design).

Key Contributions

- Engineered a secure backend using Python, Django, and Django REST Framework — built 30+ REST API endpoints covering dataset management, researcher access requests, and admin approval workflows.
 - Designed the full research-request lifecycle API: administrators can approve, reject, or revoke dataset access, with a full audit trail.
 - Enabled real-time researcher-administrator communication via Django Channels and WebSockets, replacing async email delays.
 - Integrated a GitLab CI/CD pipeline automating pytest test runs, Docker container builds, code coverage checks, and deployment readiness gates.
 - Implemented GDPR-aligned role-based access control (RBAC) and JWT authentication across all endpoints.
 - Served as Scrum Master for a 3-person team — coordinated sprint planning, daily stand-ups, and retrospectives across a 14-week delivery cycle.
 - Won the Cardiff Award for Best Applied Software Engineering Project (Class of 2025), recognised for backend architecture, Agile leadership, and real-world problem solving.
-

TECHNICAL SKILLS

Languages	Python, JavaScript (TypeScript), Java, SQL
Frameworks	Django, Django REST Framework, Flask, Next.js, React (Vite), Express.js, Spring Boot
Frontend	Next.js, React, Tailwind CSS
Databases	MariaDB, MongoDB
Cloud & Infra	Docker, GitLab CI/CD, cloud deployment (Linux VPS)
Tools	Git, Postman, WebSockets (Django Channels)

Practices


REST APIs, JWT Auth, RBAC, GDPR-aware design, Agile/Scrum, TDD, pytest

EDUCATION

BSc (Hons) Applied Software Engineering — 2:1

Graduated July 2025

Cardiff University

 **Cardiff Award — Best Applied Software Engineering Project, Class of 2025.** Recognised for backend architecture, Agile leadership, and real-world problem solving on the Pontiro healthcare data platform.

Full codebases and live project demonstrations available on GitHub and on request.