RACHEAL RESTY AKELLO

Software Engineer | Peacebuilder | Innovator
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Summary

Visionary and highly motivated software engineer with a strong background in web development, problem-solving, and social innovation. Proven ability to lead projects at the intersection of technology and community impact. Passionate about building scalable, inclusive digital solutions and fostering youth-led initiatives for sustainable development.

Core Competencies

- Front-End Development (HTML, CSS, JavaScript)
- Version Control (Git, GitHub)
- Responsive & Accessible Design
- UI/UX Tools (Figma, Bootstrap)
- Python Programming
- Project Leadership & Communication
- Systems Thinking & Design Thinking

Professional Experience

Lead Developer
El Sera Premium Space Fragrances – Remote/Dubai
January 2024 – Present

- Designed and developed a modern, responsive e-commerce website for luxury fragrance products.
- Implemented product display components, contact forms, animations, and a dark mode feature using pure HTML, CSS, and JavaScript.
- Collaborated on marketing strategy, integrating the brand's visual identity into the user interface.

Chairperson, Youth Innovation Task Force
National Development Initiative – Uganda
July 2023 – December 2023

- Led a multi-disciplinary task force to assess national challenges and propose digital innovations for youth empowerment.
- Conducted stakeholder analysis, created representative personas, and presented policy-based recommendations.
- Final report aligned with Corporate Social Responsibility and Futures Thinking frameworks.

Education

Bachelor of Science in Software Engineering *(Expected 2027)*
 African Leadership University – Rwanda

- Leadership Core Program (completed)
- Emphasis: Human-Centered Design, Systems Thinking, Social Innovation

Projects

Personal Resume Website

- Built a fully responsive personal portfolio from scratch using HTML, CSS, and JavaScript, featuring dark/light toggle and downloadable resume.

Regex Onboarding Hackathon Project

- Developed a pattern-matching validator system for dynamic user forms using JavaScript regular expressions.

GPA Calculator Application

- Created a user-friendly GPA calculator with JavaScript, DOM manipulation, and localStorage for saving session data.

Certifications & Workshops

- Certificate in Web Development – FreeCodeCamp (2024)
- ALU Innovation Week: PeaceTech & Community Resilience (2023)
- Git & GitHub for Teams – ALX Learning Series (2023)

References

Available upon request.