Elizabeth Agoa

Email:elizabethagoa@gmail.com

LinkedIn: linkedin.com/in/elizabeth-agoa

GitHub: https://github.com/Agoa-Elizabeth

Phone: +256784252949

Professional Summary:

As a skilled passionate and dedicated Software Developer, I specialize in designing, developing, and maintaining software applications. With a strong foundation in programming languages like python and javascript and extensive experience in building both front-end and back-end systems, I excel in addressing complex issues with efficient solutions. My attention to detail and robust problem-solving abilities ensure high-quality results. I am passionate about learning new technologies and staying current with industry trends. My collaborative approach and effective communication skills make me a valuable asset to any development team and I look forward to remote and hybrid jobs .

Technical Skills

- Django (Python)
- React and vite (Javascript)
- Frameworks and Technologies
- Database Management
- UI/UX Design
- Version control
- Problem-Solving
- Lean and Agile methodologies

Soft Skills:

- Effective Communication
- Attention to detail
- Project Management
- Problem-solving
- Leadership
- Collaboration
- Adaptability
- Quick learner
- Critical thinking

Experience

Software Engineering Apprentice, RHIPFactory Nigeria June 2025 - December 2025

Healthcare Crowdfunding Platform Development: Contributed to the backend development of FundEzer, an AI-powered micro-philanthropy platform that bridges healthcare financing gaps by enabling patients to crowdfund medical expenses transparently.

- **API Design & Integration:** Implemented core RESTful APIs for user registration, campaign creation, donor management, and payment processing using Django REST Framework.

- **Trust & Transparency Features**: Developed functionalities for campaign verification, impact reporting, and real-time donor updates to ensure credibility and user trust.

- **Multi-Channel Payment Integration**: Integrated payment gateways supporting mobile money, bank transfers, and card payments for micro-donations as low as $0.3.

- **Collaboration & Agile Execution**: Worked within a six-member cross-functional team following agile practices to design, build, and test the MVP web application.

- **Bootcamp & Continuous Learning**: Participated in a three-month intensive Refractory Academy Bootcamp, gaining hands-on experience in Django, REST APIs, authentication systems, and cloud deployment.

- **Project Management and Execution**: I am actively involved in the planning, execution, and management of projects, ensuring timely delivery and quality of work.

Project 1

Fundraising Platform

Karibu Groceries LTD Management System

- **Technologies**: Python, Django, HTML, Bootstrap, Crispy Forms

- **Role-Based Dashboard Development**: I developed a comprehensive role-based management system for Karibu Groceries LTD, allowing managers, directors, sales agents, and users to access customized dashboards with specific permissions and features.

- **Inventory and Sales Management**: I implemented modules for managing stock, recording sales, and tracking credit sales, ensuring smooth daily operations and real-time updates for the management team.

- **Procurement and Credit Sales Tracking**: Designed and developed functionality for procurement management and credit sales monitoring, improving financial accountability and decision-making.

- **User Interface Design**: Built clean, responsive, and intuitive interfaces using Bootstrap and Crispy Forms to ensure a consistent and user-friendly experience across all devices.

- **Authentication and Custom User Model**: Integrated a secure authentication system with a custom user model , supporting multiple user roles and permissions.

- Collaboration and System Enhancement: Focused on maintainable code structure, reusability, and scalability, making the system easy to enhance with future features such as reporting and analytics.

Project 2

Portfolio

- Designed and developed my personal portfolio to showcase my projects, skills, and professional journey. Built with HTML, CSS, and JavaScript, the website features a responsive layout, interactive elements, and organized sections for projects, experience, and contact information. It serves as a professional digital presence to highlight my work and capabilities to potential employers or collaborators.

Education

Certificate in Software Engineering with Python
Refactory Academy February 2025 - June 2025

Uganda Advanced Certificate of Education
St.Edward's College Galamba 2021 - 2022

Uganda Certificate of Education

St.Edward's College Galamba 2016 - 2019

Languages

- English
- Langi
- Luganda

References

1. **Ms. Patricia Ederu**

   Placement Lead, Refactory Academy

   +256772095908

   pederu@refactory.academy

2. Ms. Esther Nansubuga
   Program Manager, GroundBreaker Talents Uganda

   +256784462913

   esther@groundbreaker.org

3. Osman Buyondo

   Lecturer, Refactory Academy
   +256758 591015
   obuyondo@refactory.academy

4. James Vendi
   Technical Lead. RPHIPFactory
   +2348160097886
   james@rhipfactory.africa