

AINEMBABAZI LUCIA RACHEL

Email: ainembabaziluciarachel02@gmail.com

LinkedIn: <https://www.linkedin.com/in/ainembabazi-lucia-rachel>

GitHub: <https://github.com/Lucy-dev1999>

Phone: +256705410746/+256762612114

Professional Summary:

I am a motivated and detail-oriented Junior Software Developer with a strong foundation in designing, developing, and maintaining dynamic web applications. I am passionate about creating responsive and user-focused solutions that enhance functionality and user experience. My background in Agile methodologies and collaborative teamwork enables me to contribute effectively to fast-paced development environments. I possess strong problem-solving skills, a continuous learning mindset, and a commitment to delivering high-quality, efficient code. Dedicated to professional growth, I aim to leverage my technical abilities and enthusiasm for innovation to support organizational goals and drive impactful software solutions.

Technical Skills:

- Programming Language(Python)
- 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 Venture Studios, Nigeria | June 2025 – December 2025

- **Solution Development for Mental Health AI powered platform(Obeeoma)**
Contributed to the development of Obeeoma, an AI-powered B2B mental health platform for Africa's workforce.
- **Collaborative teamwork**
Collaborated in a 7-member agile team on product sprints, code reviews, and UI improvements.
- **Project Management and Execution**
I was actively involved in the planning, execution, and management of the project, ensuring timely delivery and quality of work. Supported the design of secure onboarding, mood tracking, and AI chatbot ("Sana") features. Assisted in building the employer analytics dashboard for anonymized workforce insights.
- **Boot Camp Participation**
I participated in a 3-month intensive boot camp, collaborating with a group of 7 team members to gain hands-on experience and improve technical skills for project execution and delivery.

Project 1

Obeeoma – AI-Powered Mental Health Platform

Apprenticeship at RHIPFactory Venture Studios, Nigeria

- **Mental Wellness Solution**
Contributed to the development of *Obeeoma*, an AI-first B2B platform providing culturally relevant mental health support for Africa's workforce.
- **Feature Development**
Assisted in building key modules including secure onboarding, daily mood tracking, AI chatbot ("Sana"), and employer analytics dashboard.
- **Technology Utilization**
Utilized React and Typescript, Node.js, Python and Django, and Figma for development and design, with Trello and GitHub for project management and collaboration.

- **User Experience Focus**

Improved usability and accessibility by designing privacy-centered and intuitive user interfaces.

- **Collaborative Development**

Worked in a team of 7 apprentices using agile methodologies to deliver an MVP on time.

Project 2

KGL(Karibu Groceries Limited) – Inventory Management System

Independent Project

- **Business Operations Solution**

Developed a comprehensive inventory management system designed to streamline stock control, sales tracking, and credit management for small to medium-sized businesses.

- **Feature Development**

Implemented key modules including user authentication, stock and sales management, credit tracking, item checkout, receipts, and reporting dashboards.

- **Technology Utilization**

Built using **Python**, **Django**, **HTML**, **CSS**, and **Bootstrap**, with a **SQLite** database for data storage and management. Utilized **Git** and **GitHub** for version control and documentation.

- **User Experience Focus**

Designed clean and intuitive interfaces to enhance usability, ensure smooth navigation, and simplify day-to-day business operations.

- **Independent Development**

Managed the full project lifecycle—from requirements gathering and system design to testing and deployment—demonstrating strong self-motivation, discipline, and technical proficiency.

Education

- **Certificate in Software Engineering with Python**

Refactory Academy Feb 2025 - May 2025

- **Uganda Certificate of Education**

Kampala Citizens College School 2014 - 2015

Languages

- English
- Luganda
- Runyankole/ Rukiga

References

1. Patricia Ederu

Placement Lead,
Refractory Uganda.

Email: pederu@refactory.academy

+256772095908

2. Ms. Esther Nansubuga

Program Manager, Groundbreaker Talents Uganda

esther@groundbreaker.org

+256784462913