

# **HELLEN KIWAGAMA**

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## INTRO

### Professional Summary

I am a dedicated Full Stack Developer with a passion for turning ideas into practical, impactful software solutions. I work confidently across both front-end and back-end development, creating clean, efficient, user-friendly applications. I enjoy collaborating with teams, exploring new technologies, and building innovative solutions that address real-world problems.

## WORK EXPERIENCE

### Software Engineering Apprentice

Refactory Academy; Swan Air Travels & Safaris • Jun 2025 – Feb 2026

- \* Contributed to the development of a mobile-friendly costing software that streamlined itinerary creation and proposal generation, boosting customer satisfaction and improving profitability
- \* Collaborated with a team of six apprentices, enhancing teamwork, technical ability, and project delivery.
- \* Participated in project management tasks, ensuring timely completion and maintaining high-quality standards.

### Key Projects

#### 1. Costing Software for Swan Air Travels

- \* Designed a user-centered interface focusing on accessibility and usability.
- \* Implemented secure user authentication and role-based interfaces.
- \* Developed an admin dashboard for real-time configuration and database management.
- \* Automated costing workflows and enabled generation of branded PDF quotes.

#### 2. Inventory Management System for Karibu Groceries Ltd

- \* Digitized manual record-keeping by developing a web-based system using Django, HTML, CSS, and Python.
- \* Improved data accuracy, organization, and reduced record loss.
- \* Streamlined day-to-day inventory operations through a centralized platform.

## EDUCATION

### Certificate in Software Engineering (Python Track)

Refactory Academy • Feb 2025 – May 2025

### Uganda Advanced Certificate of Education (UACE)

St. Gonzaga Secondary School • Sep 2022 – Jun 2023

### Uganda Certificate of Education (UCE)

Busedde College Bugaya • Sep 2019 – Jun 2020

## SKILLS

Application programming interfaces (API) CSS Database administration Database query languages (SQL, others)  
Github (or other software version management systems) IT equipment installation and configuration HTML  
JavaScript IT support Object oriented programming Programming Python Relational databases (SQL)  
Vision and strategy Web service and application development Security operations Troubleshooting User research  
Leadership skills Creative writing

## CERTIFICATES

## LANGUAGES

### French

Spoken: Basic • Written: Basic

### English

Spoken: Fluent • Written: Fluent

## ASSOCIATIONS

HOBBIES

LINKS

REFERENCES

