

# **Elie Kayitare Uwiringiyimana**

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## **SUMMARY**

Software developer with 3 years of professional experience developing software using Python with Django and Django-Rest. Interested in Software Engineering and Software development, Database architecture and Design, Linux positions as well as DevOps positions.

## **EDUCATION**

### **Master of Science in Information Technology**

2021-2023

Carnegie Mellon University Africa

Specialization: Software Engineering

### **Bachelor of Science in Information Technology**

2016-2020

The Adventist University of Central Africa (AUCA)

Specialization: Software Engineering

## **KEY EXPERIENCE**

### **Graduate Teaching Assistant**

January 2023-Present

- Institution: Carnegie Mellon University

A graduate teaching assistant in Research Methods in Engineering at Carnegie Mellon University and my responsibilities in this position include: Supporting the technical skills instructors with workshop preparation and delivery, responding to student concerns or queries relating to the workshop, preparing recitations and assignments, along with solutions for assignments, grading homework assignments and assigning grades, and holding office hours to answer the student's questions and help them with exercises.

### **Python Backend developer intern**

May 2022-Present

- Company: LivestockCity Inc, USA

Developed LivestockCity web application using python with Django web framework to connect users with farmers and to help farmers make auctions.

**Python Backend developer Consultant**

August 2022-December 2022

- Company: N@tcom services ltd, Rwanda

Developed a virtcareer web application that helps people to upload their projects on it so that developers can contribute to it. It also helps developers to apply for a specific opportunity that has been uploaded.

**Graduate Teaching Assistant**

July 2022-August 2022

- Institution: Carnegie Mellon University

A graduate teaching assistant during orientation in Linux and Java at Carnegie Mellon University and my responsibilities in this position include: Supporting the technical skills instructors with workshop preparation and delivery, responding to student concerns or queries relating to the workshop, preparing recitations and assignments, along with solutions for assignments, grading homework assignments and assigning grades, and holding office hours to answer the student's questions and help them with exercises.

**Python Backend developer**

December 2020-March 2021

- Company: Holy soft Tech ltd, Rwanda

Developed an online boutique web application using python with Django web framework.

**Python Backend developer**

December 2020-March 2021

- Company: Scrum Factory, Rwanda

My primary responsibilities include analyzing and designing a database, developing web applications using Python with its popular Framework known as DJANGO, pushing codes on bitbucket, and deploying them on Heroku.

**SKILLS AND CERTIFICATION**

Proficient in python (Django, Django-rest, NumPy, Pandas), Database Relational Mapping, SQL, Linux shell scripting, Version Control Systems, and deployment.