



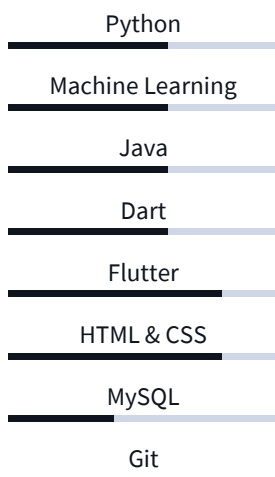
# WILLIAM OLOO OKANGA

PYTHON DEVELOPER    📍 KAMPALA, UGANDA    ☎ +256 771-359-677

## ◦ DETAILS ◦

Kampala, Uganda  
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## ◦ SKILLS ◦



## ◦ LANGUAGES ◦

English  
Kiswahili

## 👤 PROFILE

I am a passionate and driven Software Engineer with a strong interest in technology and programming. Adept in carefully diagnosing and assessing issues, and offering real viable solutions. Skilled in design, prototyping, and testing. Proficient in various platforms, languages, and embedded systems including Python, Data analysis, JAVA, SQL and HTML with additional skills in Business Process Modelling and analysis.

## 📁 EMPLOYMENT HISTORY

### Graduate Trainee at Enact Consulting Limited, Kampala, Uganda

December 2022 — Present

- Work closely with Digital Transformation and Business Consulting unit to gain expertise and work on projects concerning Business Process Modelling and analysis.
- Completed training and gained relevant certifications and experience in business modelling and analysis using ARIS software.

#### Certifications

- Software AG Certified ARIS Administrator Professional  
Issued: July 2023  
Expires: July 2025
- Software AG Certified ARIS Modeler Professional  
Issued: February 2023  
Expires: February 2025

## 🎓 EDUCATION

### BSc Computer Science, Makerere University, Kampala

February 2022 — June 2024

1. Python Programming: I have studied and practiced Python regularly gaining a solid foundation of its core concepts and features. I am competent in fundamental programming concepts such as variables, lists, dictionaries, control structures like for and while loops as well as match cases. I have also worked on small school-related Django projects and gained hands-on experience developing web applications. I am also conversant with the machine learning and data analysis aspect of python having worked on building recommendation algorithms using open source data sets in my free time.
2. Flutter and Dart: Experience in implementing user interface designs and utilized Firebase for back-end services including data storage, user authentication, and realtime database updates.
3. HTML and CSS: I am competent in using HTML and CSS to style websites and make them interactive and desirable.
4. Version Control: Competent in Git for version control and collaborative development.

## ★ PROJECTS

### **Book and Movie Recommendation System, Kampala**

January 2024 — June 2024

The system uses Machine Learning to provide users with recommendations for books and movies. It uses a combination of content based and collaborative filtering algorithms to provide recommendations to users. Users are required to input the title of the book or movie and the system provides similar recommendations. This resolves the cold start problem for new users on a system, thereby saving both time and money. The models were trained over a period of 2 months using books(amazon) and movie (TMDB) datasets obtained from kaggle.. The interface was created using a combination of Django and Streamlit.

## ★ LINKS

### **LinkedIn**

<https://www.linkedin.com/in/oloo-william-926644254>

### **Github**

[github.com/Oloow22](https://github.com/Oloow22)

## 📖 REFERENCES

### **Michael Kyanzi**

Head Corporate Strategy and Innovation

Uganda National Oil Company Limited

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