

# Mercy Ssozi Birungi

## Software Developer

From a young age, Birungi used to dismantle electronics to understand how they work, this sparked her interest in technology. She is a software developer who believes that technology is a major contributor to the way individuals communicate, learn, and think. As such, she has the desire to expand her technology skill-set to contribute to the development of communities.

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🌐 mercybirungi-portfolio.netlify.app

🐙 github.com/MercybirungiS

## EDUCATION

### AkiraChix ,codeHive Program Diploma in Information Technology

02/2021 - Present

Nairobi-Kenya

#### Courses

- **Back-end Development** - Data types such as Lists, Tuples, Dictionaries, Object-Oriented Programming, and Django for the creation of server-side web applications.
- **UI/UX Design** - Use of Figma and Adobe Illustrator to design logos, mobile and web applications.
- **Internet Of Things** - Connecting physical objects that are embedded with sensors and software to exchange data over the internet.
- **Front-end Mobile Development** - Kotlin Object-Oriented Programming, Using Recycler Views, MVVM and API integrations to develop user-friendly mobile apps.
- **UX Research** - User Research, Information Architecture, Interaction Design, Usability Testing, Visual Design and Content Strategy.
- **Front-end Web Development** - DOM manipulation and implementation of web design through the use of HTML, CSS, and Javascript.

### Rigging and Lifting Level 1 and 2/ Health and Safety

#### Engineering Construction Industry Training Board

02/2019 - 07/2019

Uganda

## EXPERIENCE

### Peer Educator International Citizen Service

02/2021 - 08/2020

Uganda

#### Responsi

- Organised and planned all assigned events and activities
- Raised awareness on sexual and reproductive health rights among youths
- Carried out programme monitoring, evaluation and reporting of activities

## REFERENCES

John Owour, Software Developer , Twiga Foods  
owuor91@gmail.com

Lynn Asiimwe, Site Reliability Engineer, Google  
lynnassiimwe@gmail.com

## TECHNICAL SKILLS

Able to create Kotlin applications with RecyclerViews and libraries like Picasso.

Able to use RESTful APIs and XML to connect android applications with back-end services.

Basic understanding of the android app life-cycle, architecture principles, and design fundamentals.

Able to use Object-Oriented Programming in Python programs to make code reusable.

Able to use version control systems and tools like GitHub to collaborate.

UX Research-Able to carry out user research using the Design thinking process

Version Control-Git Hub- Able to collaborate using git branches and pull requests

Able to create user-friendly interfaces with Figma

## PERSONAL PROJECTS

### School System (07/2020)

- This is a Django online school management system and the main functionalities are registering a student and trainer, adding courses and creating school events with the implementation of APIs  
[https://github.com/MercybirungiS/school\\_system](https://github.com/MercybirungiS/school_system)

### Chatty Mobile App (07/2021 - Present)

- Currently working on a messaging app that implements Recycler Views to fetch and get timely information to the user using APIs, MVVM and firebase. <https://github.com/MercybirungiS/Chatty-Messenger>

### Python Challenges (07/2021)

- Solved Python challenges that mostly involved object-oriented programming. Used git branches and pull requests on every topic and this greatly improved my git collaboration skills  
[https://github.com/MercybirungiS/python\\_challenges](https://github.com/MercybirungiS/python_challenges)

### Solio Farm (06/2021 - 08/2021)

- Designed a Solio e-commerce plants app using Figma Sketched and designed the logo using Adobe Illustrator  
<https://www.figma.com/file/z6HgJUft4ghALGIT1D9K0F/Solio-farm>

### Lima Smart (07/2021 - Present)

- A project that aims to create a smart farming solution for Kenyan farmers to increase the quantity and quality of yields. Currently in the research phase <http://shorturl.at/einx8>

### Mkulima Platform (05/2021 - 05/2021)

- Mkulima is a Kenyan business-to-business (B2B) agro-startup focusing on connecting grocery vendors to rural farmers. Farmers can register on the platform and log in. Thereafter, they can upload their products with respective prices. On the other hand, grocery vendors can sign up and log in to the platform to place their bulk order requests.  
<https://github.com/MercybirungiS/MkulimaPlatform>