



# Faith Nyambura

## Software Developer

### Contact

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### Education

#### AkiraChix

codeHive – Diploma In  
Information Technology

February 2024 – present

### Relevant Courses

- Frontend Development
- Mobile Development
- Backend Development
- Product Management
- Data and Software Architecture
- UI/UX Design
- UX Research

### Personal Statement

Art and technology, once perceived as a disparate domains, have increasingly intertwined, giving rise to a fascinating synergy that reshapes how we create, perceive, and experience art. As a software engineer, Faith believes that this dynamic interplay has not only expanded the boundaries of artistic expression but has also introduced new paradigms that challenge traditional notions of art. Her goal is to leverage technology to push the frontier of creative possibilities, enabling artist to explore new mediums and interactive experiences, ultimately driving project that redefine creativity and inspire others to see technology as a catalyst for artistic expression.

### Skills

- Ability to develop RESTful APIs using Django REST Framework.
- Proficient in Object-Oriented Programming principles in Python.
- Knowledgeable in using Picasso as an image loading and caching library.
- Understanding of Git as a code version tool for collaboration.
- Skilled in using Retrofit as a networking library to streamline API interactions in Android applications.
- Knowledgeable in React JS to build dynamic and interactive user interfaces.
- Skilled in Jira as an agile project management tool to manage software development projects.
- Ability to conduct user experience research to guide user centered solutions.
- Capable of designing wireframes and prototypes in Figma, Adobe Illustrator, and Photoshop.
- Skilled in constructing complex SQL queries and joins for data manipulation

### Projects

#### GanzaPay

A mobile application designed for the less literate farmers in Rwanda, leveraging a gamification approach, virtual cues, and simplified navigation, to enhance mobile money services usage.

[https://drive.google.com/drive/folders/1KIg\\_yC8nPLUehqFZmqqeYEILLnTRUKLu](https://drive.google.com/drive/folders/1KIg_yC8nPLUehqFZmqqeYEILLnTRUKLu)

#### BuildMart

A progressive web app designed to address the challenge of fluctuating construction material prices. It provides homeowners with real-time pricing information and a seamless payment process. The app will enable homeowners to compare prices from various suppliers and allow suppliers to instantly update their inventory and pricing in a centralized dashboard.

[https://drive.google.com/drive/folders/1KIg\\_yC8nPLUehqFZmqqeYEILLnTRUKLu](https://drive.google.com/drive/folders/1KIg_yC8nPLUehqFZmqqeYEILLnTRUKLu)

#### Python Wikipedia

A Python project designed to generate random Wikipedia articles when prompted.

<https://github.com/FaithNyamburaWamui/wikipidiagenerator.git>

### References

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