



# Faith Nyambura

## Software Developer

### 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 artists to explore new mediums and interactive experiences, ultimately driving projects 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.
- Experience in collaborating with Agile teams to build projects.
- Understanding of Git as a code version tool for collaboration.
- Knowledge in using React Native to build mobile apps.
- Knowledge in React.js, Next.js, HTML, Tailwind, and CSS 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.
- Experienced in using Docker to create and manage containerized applications.
- Proficient in using Metabase to run queries and visualize data for decision-making.
- Knowledge in using CoreUI to design responsive and customizable interfaces.

### Projects

#### 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/1Klg\\_yC8nPLUehqFZmqqeYEILLnTRUkLu](https://drive.google.com/drive/folders/1Klg_yC8nPLUehqFZmqqeYEILLnTRUkLu)

#### 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/1Klg\\_yC8nPLUehqFZmqqeYEILLnTRUkLu](https://drive.google.com/drive/folders/1Klg_yC8nPLUehqFZmqqeYEILLnTRUkLu)

#### Blog App

A blog listing feature built using Next.js to enhance content browsing through efficient server-client separation. It utilizes a server-side component for initial data fetching while a dedicated client-side component manages search, pagination, and user navigation.

<https://github.com/FaithNyamburaWamui/Blog-App>

### Contact

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 [Github](#)

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### Education

#### AkiraChix

codeHive – Diploma In  
Information Technology  
February 2024 – November 2024

### Experience

#### Kwanzatukule

Frontend Engineer – Internship  
March 2025 – July 2025

### Relevant Courses

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

### References

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