



JACQUELINE NYINAWABAGESERA

SOFTWARE ENGINEER

Contact



[Email](#)



[LinkedIn](#)



[Github](#)

Education

AkiraChix
codeHive - Diploma in
Information Technology
February 2025 - Present

Courses

- Mobile Development
- Frontend Web Development
- Backend Development
- Data and software architecture
- UI/UX design
- Product Management
- Quality Assurance
- UX Research

References

Linda Kamau
Founder and Executive Director
AkiraChix
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Muthoni Kang'ethe
Assessment Specialist
UNEP
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John Owuor
Senior Developer
Twiga Foods
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Personal Statement

The evolution of education throughout the COVID-19 pandemic highlighted the vital role that technology plays in ensuring continuous and inclusive learning. With significant usage of low-tech and no-tech solutions, Jacqueline believes technology holds the answers to the big question; how can the education sector in Africa best prepare for the next pandemic?

Skills/Experience

Collaborated on a group case study on digitizing Mama Mboga (small kiosk grocery vendors) in Kenya to broaden their market reach, with accomplishments such as:

- Conducted comprehensive desk and primary research to identify user pain points and come up with feasible solutions.
- Developed brand manuals and UI assets using Figma and Adobe Illustrator.
- Built a responsive informational website using HTML, CSS, and JavaScript.
- Built an interactive admin dashboard using React to enable efficient system management.
- Created RESTful APIs using Django to handle data exchange smoothly.
- Integrated internal and external APIs like Daraja(PaymentsAPI) and Geolocation.
- Leveraged Postman for API testing to verify seamless functionality.
- Utilized Jira to allocate and monitor tasks, set weekly objectives, and provide timely updates on project development.
- Built an Android app using Kotlin that links customers with Mama Mbogas for easy ordering, stock updates, and payments.

Projects

Recos AI

Recently built Recos, an AI Agent designed to help recruiters find the right candidates by providing objective, data-driven insights that minimize skill mismatches and improve hiring accuracy.

Research Report: [Recos Research Report](#)
PRD: [Recos Product Requirement Document](#)
System Architecture: [Recos System Architecture](#)

Sokoconnect

Built Sokoconnect, a multi-vendor platform consisting of a mobile app and an admin dashboard to connect customers with local Mama Mboga vendors.

Research Report: [Sokoconnect Research](#)
UI/UX Design: [Sokoconnect Designs](#)
System architecture: [Sokoconnect System Architecture](#)
ERD(Entity Relationship Diagram): [Sokoconnect ERD](#)
APIs: [Sokoconnect Hosted API](#)
Informational website: [Sokoconnect Informational Website](#)
Dashboard: [Sokoconnect Admin dashboard](#)