

ANGELA KATOLA WANJALA
Software Engineer

angelakatolawanjala@gmail.com

<https://Github>

Portfolio

AkiraChix
codeHive- Diploma in Information
Technology
February 2025-Present

- Frontend Web/mobile Development
- Backend Development
- UX/UI Design
- Data and Software Architecture
- Product Management
- Quality Assurance
- UX Research

Angela Adisa
QA Engineer
Mount Kenya milk Ltd
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Personal Statement

In Africa, agriculture is more than a livelihood; it is the backbone of economies and the key to unlocking sustainable development. For Angela, this isn’t just a fact but an opportunity: if agriculture sustains the continent, then technology is what drives it forward. She is motivated to use her skills to contribute to a sector uniquely positioned to exploit new technologies and innovations. Her excitement lies at this turning point where tech becomes the game-changer for agriculture.

Skill & Experience

Worked as part of a team to address poor record-keeping and delayed payments among dairy cooperatives in Rwanda, with a focus on improving transparency, trust, and efficiency through digital solutions.

- Conducted in-depth desk and primary research to analyze challenges and pinpoint workable opportunities.
- Utilized Figma and Adobe illustrator to design visual assets including logo, mockups and interface wireframes.
- Built a responsive informational website using HTML, CSS and Javascript.
- Designed the system architecture for core modules,ensuring efficient data flow and scalability.
- Leveraged PostgreSql as a relational database for data storage and retrieval.
- Created REST APIs using Django, enabling secure handling of farmer data and cooperative records.
- Integrated external payment API (Daraja API) to automate farmer payouts.Used Postman for API testing and validation.
- Built a React-based admin dashboard that allows milk tracking submissions and payments.
- Wrote and executed unit tests to ensure system reliability and accuracy.
- Contributed to the development of a Kotlin-based mobile app that allows farmers to view their milk history and earnings

Projects

Imbuto hub

Recos AI

- Research Report: [Recos Report](#)