

AMEER AKECH

Software Engineer

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🐙 [GitHub](#)

EDUCATION

AkiraChix

codeHive - Diploma in Information Technology

2025 - Present

COURSES

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

SKILLS

Programming Languages:
Python, Kotlin, JavaScript, SQL, HTML, CSS

Frameworks and Libraries:
Python: Django, FastAPI, Flask, Pandas, NumPy, Matplotlib, Seaborn, Django REST Framework

JavaScript: Next.js, React.js, Tailwind CSS

Tools and Platforms:

Kotlin: IntelliJ IDEA, Android Studio

JavaScript: Node.js, VS Code

Python: Jupyter Notebook, Google Colab

Database Management: DBeaver

REFEREES

Caroline Mutua

Product Manager - Microsoft
mutua.caroline@gmail.com

Brian Ngaira

Director of Design, Made by People
brian@made.ke

PROFILE

Fashion is an innovative field that re-imagines possibilities. Ameer has a deep passion for fashion that extends beyond style, fueled by how technology is transforming the industry. She finds inspiration in timeless designs and vibrant colors, appreciating how they reflect personal expression and identity. For Ameer, the combination of creativity and technology within fashion opens up exciting opportunities to shape the future of how we dress.

PROJECTS

Worked collaboratively on a project addressing the ecological impacts of unsold second hand clothes.

- Conducted desk and primary research to get deep insights and develop an actionable solution
- Designed wireframes, logos, brand guidelines, and mockups for local traders using Figma and Adobe Illustrator
- Built a responsive informational website using HTML, CSS, and JavaScript
- Created an interactive dashboard using React, enhancing usability and data visualization
- Developed RESTful APIs using Django and integrated with the Daraja API to facilitate payment
- Used Jira to track progress and provide regular updates on new developments within the project
- Implemented test cases to ensure system functionality and early bug detection
- Developed an Android app using Kotlin enabling traders to upload their unsold second hand clothes

PROJECTS

FruitGuard

FruitGuard is an agricultural IoT system that enables farmers to monitor fruit fly levels in a trap via real-time alerts

- Research report - [FruitGuard Report](#)
- Visual designs - [FruitGuard visuals](#)
- Informational website - [FruitGuard Website](#)
- System Architecture Diagram - [FruitGuard System Architecture](#)
- ERD - [FruitGuard ERD](#)

iRecycle

Developed a mobile and web application that connects traders to recycling companies, streamlining communication and promoting sustainable waste management.

- Research report - [iRecycle Research Report Document](#)
- Informational Website - [iRecycle Informational](#)
- System Architecture Diagram - [iRecycle's System Architecture Diagram](#)
- APIs - [iRecycle APIs](#)
- ERD - [iRecycle ERD Document](#)