

# Sharon Chepkoech

Software Developer

In Sub-Saharan Africa, 129,000 new cases of breast cancer were diagnosed in 2020. The estimates for five-year survival are below 50 percent and this is majorly caused by poor diagnosis. With the development of technologies such as the smart bra device that uses nanotechnology, there is an opportunity to improve diagnosis techniques. Sharon is a software engineering student with a passion for transforming the health industry by building applications that can help accelerate progress against cancer in Africa.



✉ sharoncchepkoech@gmail.com

📍 Nairobi, Kenya

🐙 [github.com/SharonChepkoech](https://github.com/SharonChepkoech)

📞 +254718524806

🌐 [linkedin.com/in/SharonChepkoech](https://linkedin.com/in/SharonChepkoech)

## EDUCATION

### AkiraChix codeHive Program

02/2022 - Present

Relevant Courses

- **Front-end mobile development** - Object-Oriented Programming in Kotlin, Use of the Firebase database to store data, CRUD SQL queries.
- **Front-end web development** - DOM manipulation, Use of React JS as a front-end framework, Consuming APIs
- **Back-end Development** - Object-Oriented Programming in Python, Django as a back-end framework, Building REST APIs in Django
- **UI/UX Design** - Adobe Illustrator, Adobe Photoshop, Figma
- **UX Research.** - Design thinking, Research methods
- **Internet of Things.** - Fusion 360 design modeling, Arduino systems integration.

## PERSONAL PROJECTS

### Digital Wallet

- A Python banking system project build on Django that allows users to create accounts and make transactions.
- [Digital Wallet GitHub Link](#)

### Workout Log

- An Android App build on Kotlin used to track user's workout and help users keep track of their workout.
- [Workout Log GitHub Link](#)

### Housing App

- An Android app build on Kotlin that help users look for houses.
- [Housing App GitHub Link](#)

### Housing App Design

- A design prototype of a housing app that helps people get houses of their choice.
- [Housing App Design](#)

## SKILLS

Understanding of Object-Oriented Programming in Python.

Knowledge of Object-Oriented Programming; Objects and Classes in Kotlin.

Able to use recycler views to display sets of data in Android Apps.

Understanding DOM manipulation in JavaScript.

Able to create reusable components with ReactJS as a front-end framework

Able to consume REST APIs in JavaScript.

Able to create reusable components with React JS as a front-end framework.

Application of the design thinking process to define, ideate, prototype, and carry out tests in UX Research.

Able to use design tools such as Adobe Photoshop, Adobe Illustrator, and Figma to create wireframes and prototypes for mobile and web applications.

Use of Fusion 360 in assembly and manufacturing of industrial designs.

Understanding of version control tools(git).

## REFERENCES

Marie Githinji, Executive Director, Co-founder at AkiraChix  
Email: [mgithinji@akirachix.com](mailto:mgithinji@akirachix.com)

James Mwai CTO, Co-Founder - Sky.Garden  
Email: [smartemwa@gmail.com](mailto:smartemwa@gmail.com)