

# Henriette Daughty Oloo

## Software Developer

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[GitHub](#)[Gmail](#)[LinkedIn](#)[Portfolio](#)

### PERSONAL STATEMENT

I am an Innovative and driven software developer with a passion for mobile app development and a strong belief in the power of technology to foster inclusivity and accessibility. With extensive experience in both Android and iOS platforms and a solid understanding of the complete mobile development lifecycle, my dedication is creating user-friendly applications that enhance the lives of all users. Eager to apply my technical expertise and creative problem-solving abilities to contribute to meaningful projects.

### SKILLS

- **Mobile Development:** Proficient in Android development using Kotlin and Android SDK, and experienced in cross-platform development with Flutter and React Native.
- **Programming Languages:** Strong knowledge of Kotlin, Dart, JavaScript, and Python.
- **Frameworks:** Knowledgeable in front-end frameworks such as React Native, Angular, React, and Next.js.
- **API Integration:** Capable of implementing RESTful APIs using Retrofit and Django.
- **Database Management:** Proficient with SQL, PostgreSQL, and Firebase.
- **UI/UX Design:** Understanding of mobile UI/UX design principles and best practices.
- **Version Control:** Proficient in using Git and GitHub for version control.
- **Testing and Debugging:** Experience with unit testing using Jest and pytest, and proficient in debugging applications using Android Studio.
- **Agile Methodologies:** Familiar with Agile and Scrum development processes.
- **Google Play Store Deployment:** Knowledge of the process for publishing and updating apps on the Google Play Store.
- **Knowledgeable of Object-Oriented Programming** in Kotlin, JavaScript and Python.
- **Capable of implementing data structures** such as Linked Lists ,stacks and queues as well as algorithms like Merge Sort and Binary Search
- **CI/CD Pipelines:** Capable of establishing CI/CD pipelines for automated testing and deployment using GitHub.

### EDUCATION

AkiraChix - codeHive

Diploma in Information Technology

January 2023 – December 2023

### Relevant Courses

#### Front-End Mobile Development

- Flutter
- Kotlin
- React Native
- MVVM Architecture
- Networking
- Android Room Database
- Firebase
- Deployment

#### Front-end Web Development

- React JS
- Next JS
- Typescript

#### Product Management

- Jira and the Scrum Framework.
- Product teardown.
- Prototyping and Minimum Viable Products.

### Volunteer Experience

AkiraChix : Role: Volunteer Trainer's Assistant

- Assisted in training sessions for coding beginners in Kotlin and Python.
- Provided guidance in debugging code and offered support to learners during practical exercises.

### PROJECTS

#### Community App

Role: Developer

- Developed a React Native program for Real time chatting in a community group

#### Backend Link

#### Frontend React Native app

#### SeraWazi

Role: Developer

- Created an app to enhance the engagement of Kenyan citizens with governance principles.
- Integrated room database and botpress technologies

**Documentation:** [\[Link to project documentation\]](#)

#### WholeZen

Role: Developer

- Working on a Kotlin app with a focus on creating awareness about mental health issues and promoting well-being.
- Integrated charting libraries for data visualization.
- Implemented audio playback features for meditation music

#### Github Link

#### Groceries at Home

Role: Developer

- Developed a cross-platform shopping application to facilitate grocery purchases from the comfort of home.
- Built using Dart and Flutter for a seamless user experience across different devices.

#### Github Link

### REFEREES

1. Linda Kamau: Founder and Executive Director of AkiraChix,  
[lkamau@akirachix.com](mailto:lkamau@akirachix.com)

2. John Owuor: Senior Developer, Twiga Foods  
[owuor91@gmail.com](mailto:owuor91@gmail.com)