

Henriette Daughty Oloo

Software Developer

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PERSONAL STATEMENT

Inclusivity weaves diverse voices together, paving the way for a thriving society. As a software developer who strongly believes that technology has the power to effect change, Henriette's vision is to break down barriers that restrict the accessibility of resources, creating an environment where everyone can access essential resources and unleash their true potential, thus contributing meaningfully to the collective progress of society. To achieve this, she prides herself on writing high quality code across the tech stack: Kotlin and Python, leveraging frameworks like Android SDK.

SKILLS

- Experienced with PostgreSQL for data storage and management.
- Capable of Android application development using Android Studio.
- 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
- Intermediate Experience with Agile and Scrum development methodologies in product development.
- Capable of implementing RESTful API endpoints using NextJS, retrofit and Django.
- Ability to write unit tests for APIs using pytest in Django to ensure functionality and reliability of code.
- Capable of creating clear, concise Swagger documentation for APIs.
- Ability to test and document APIs using Postman.
- Understanding of CI/CD pipelines for automated testing and deployment using GitHub.
- Demonstrated the ability to deploy APIs using Heroku, and web applications using Netlify and vercel
- Intermediate understanding of using ReactJS and NextJs to build responsive web applications.
- Familiar with the unpacking of products through the creation of user stories, persona descriptions, and acceptance criteria.

EDUCATION

- AkiraChix- codeHive
Diploma in Information Technology
January 28/2023 – December 01/2023

Relevant Courses

- Front-End Mobile Development
 - MVVM Architecture
 - Kotlin Fragments
 - Networking
 - Android Room Database
- Back-end Development
 - Python
 - Django
 - Databases
 - Deployment
- Front-end Web Development
 - React JS
 - Next JS
 - Tailwind CSS
 - Typescript

UI/UX Design

- Adobe Illustrator
- Adobe Photo-shop
- Product Management
 - Jira and the Scrum Framework.
 - Product teardown.
 - Prototyping and Minimum Viable Products.
- UX Research
 - Methodologies
 - Conducting ethical research
 - The design thinking process.

PROJECTS

SeraWazi

Created an android app that will help Kenyan citizenry have an engaging experience when accessing the governance principles. Here's the [Link to project documentation](#)

Billz App

Created a Kotlin program that provides a way for the Kenyan population to track and manage their bills. It is built on Kotlin.

- [GitHub Link](#)

Green Kiosk

E-commerce web app for vegetable vendors to digitalize their business. The app is built on HTML/CSS and Javascript. Here's [GitHubLink](#)

Foodie Website

Created a React app to help a hotel advertise their foods and as a result digitize their business.

- https://github.com/HenrietteDaughtyOloo/Foodie_Website

REFEREES

- Linda Kamau: Founder and Executive Director of AkiraChix,
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- John Owuor: Front-end Developer, Twiga
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