JULIET KEMUNTO GISEMBA
SOFTWARE DEVELOPER

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PERSONAL STATEMENT

Juliet is an inquisitive and self-driven software developer who believes in the power of technology as a tool to solve society's most pressing problems. Coming from a community with low adoption of technology, she believes tech solutions have the potential to positively impact the youth by increasing opportunities for them hence reducing the youth unemployment rate in the community. As a software developer, she is currently working on an e-commerce application that provides a platform for youth with small informal businesses to market products.

TECHNICAL SKILLS

- Good understanding of APIs integration using Retrofit Library to support functionality using MVVM architecture.
- Ability to compute data in Firebase, and use RecyclerViews and CardViews to display scrollable lists in Kotlin.
- Capable of using SQL, Postgres, and MYSQL databases to store data for web applications in Django.
- Understanding of document structure manipulation using DOM and knowledge in vanilla JavaScript.
- Ability to manage the host environment, including database administration and scaling an application to support load changes such as Heroku.
- Familiarity with querying models and create Web App UI using MVT architecture in Django framework.
- Ability to incorporate Bootstrap, HTML/CSS, to create responsive web apps.
- Ability to design mobile sketches of wireframes on Adobe Illustrator and designing prototypes on Figma.
- Familiarity with Agile methodology.

PROJECTS

1. **Picture-Patch App**
   Used Kotlin MVVM architecture and Retrofit Library to allow users to search and download images https://github.com/Juliet879/Picture_PatchApp

2. **CodeHive Registration App**
   Used retrofit library in Kotlin to create a registration system that allows students to register to the program during their onboarding.https://github.com/Juliet879/codeHive_System

3. **School Management System**
   Used Django and Postgres database to build a System that allows a school Administration to manage and keep track of the program.
   https://github.com/Juliet879/python_web

4. **Fresh- Mboga E-commerce**
   Worked on an e-commerce grocery website that allows clients to make vegetable orders
   https://fresh-veges.netlify.app

5. **Medwins-Care**
   Incorporated HTML/CSS and Bootstrap to design a web app that gives details about Medwins Care hospital.
   https://juliet879.github.io/Medwin-Cares-Hospital/

EDUCATION

AkiraChix   **February 2021 - Present**

CodeHive Program - Diploma in Software Development.

Frontend-Mobile Development
- Incorporating API Integration using Retrofit Library in Kotlin.
- Building mobile applications using the MVVM architecture and coroutines.
- Displaying a scrollable list using RecyclerViews.
- Building mobile user interface using XML mark-up language.

Front-end Web Development
- Manipulating document structures using DOM in Vanilla JavaScript.
- Creating web servers in Node js.
- Creating a user interface using React library.

Backend Development
- Programming structural code using OOP Programming.
- Creating web applications using Django.

UX Research
- Research planning and recruitment of target users.
- Data collection and data analysis.

Moringa School   **June 2020 - December 2020**

Coding Program - Certificate in Software Development.

Android Development
- Incorporating API Integration using Retrofit Library in Java.
- Building mobile applications using the MVVM architecture and coroutines.
- Displaying a scrollable list using RecyclerViews in Java.
- Working with SDK.

ACHIEVEMENTS   **July 2021 - Present**
- **Mobile-Web Development Scholarship** / Google Africa Developer Scholarship Mobile-Web development in React and JavaScript.

REFERENCE

Linda Kamau
Managing Director and Co-founder,
AkiraChix.
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John Owuor
Software Developer,
Twiga Foods.
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