

Shadya Gard Obuya

Software Engineer

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I am Shadya Obuya, a self-driven and motivated software Developer pursuing a Diploma in Information Technology. I have skills in Python, Django, and Kotlin. I am currently working on a web application using Python and Django that will ease the burden of farmers by making it easier for them to gain access to the market. I am very passionate about making a difference in the lives of others. Through teamwork, I have learned the importance of breaking big tasks into simple, manageable, and doable tasks.

EDUCATION

AkiraChix

codeHive Program-Diploma in Information Technology,

02/2021 - Present

Courses

- **Back-end Web development**-Python basics, Django Framework.
- **Front -end mobile development**-Kotlin basics,Building Apps in Android studio.
- **Front-end Web development**-Vanilla JavaScript, React.
- **UI/UX Design**-Creating logos and wireframes in Adobe illustrator, Using Figma to create prototypes.
- **Startup 101**-Lean product process ,Problem-Solving skills.
- **UX Research**-creating Human Centered Design solutions
- **Industrial Design**-Using Fusion 360
- **IoT**-Lighting LEDs using Arduino Writing programs for sensors
- **UX Development**-Making static web pages in HTML/CSS Using Bootstrap

HighSchool Education

Maryhill Girls' HighSchool

02/2014 - 11/2017

REFERENCES

Linda Kamau| Managing Director and Co-Founder at AkiraChix

AkiraChix

contact: lkamau@akirachix +254723674180

James Mwai|Co-Founder and CTO at Sky.Garden | Google Developer Expert (Cloud)

Sky.Garden

contact:smartemwa@gmail.com

TECHNICAL SKILLS

-> Python-intermediate knowledge about Python data structures- lists,tuples,dictionaries and Classes.

-> Django- Able to handle models,views and Templates.

-> Kotlin -Intermediate knowledge of Kotlin Classes, RecyclerView.

-> Html/CSS-Able to make static web pages in Html/CSS. Intermediate knowledge of Bootstrap.

-> JavaScript - Intermediate knowledge of JavaScript, DOM Manipulation.

-> UI/UX Design-able to make wireframes and mockups using Adobe illustrator, Figma.

PERSONAL PROJECTS

To do List App

- Created a To-Do List App in Django, HTML, and CSS where users can add tasks.
- <https://github.com/Shadyaobuya/ToDoList/tree/master/tasks> 🔗

Bank Account

- Built a Bank Account using Python Classes where users can create an account withdraw, deposit, borrow and transfer money.
- <https://github.com/Shadyaobuya/Python/blob/master/bank.py> 🔗

Student Registration

- Created a student registration system using Python and Sqlite3 that helps users add, delete, and update students' information to the database.
- <https://github.com/Shadyaobuya/StudentRegistration> 🔗

Phonebook

- Developed a phonebook app in Kotlin that displays the contacts saved.
- <https://github.com/Shadyaobuya/ContactsApp> 🔗

ACHIEVEMENTS

2021 IFC Sustainability Exchange Challenge Winner

The challenge was about ways we can mitigate the number of women in STEM-related fields

LANGUAGES

English
Full Professional Proficiency

Kiswahili
Full Professional Proficiency

Shadya Gard Obuya
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Dear Sir/Madam,

RE: Application For Software Development Apprenticeship

My name is Shadya Obuya, a Software Engineering student at AkiraChix. I am writing to apply for the position of Software Development Apprenticeship, Engineering at Google. I got to learn about this opportunity from my institution's Managing Director, Linda Kamau, and Zakia Mustafa, a Get Ahead EMEA 2020 Scholar and currently, a data scientist at UTU Technologies.

I am currently working on two projects. One is a platform that helps connect animal farmers to the market. Through the use of a web app, farmers can create an account and showcase their products to potential vendors. And the other is a project that aims to digitalize the storage of medical data. Being the project lead, I have learned the importance of communication, teamwork, and breaking down large tasks into smaller tasks.

I believe that the opportunity to be an apprentice at Google will have a great impact on my skills and my growth as a Software Engineer. I love Google Photos, It has always captured my attention. It is like a time machine in the hands of users, taking them through various memories, some of which they might have even forgotten. The ability to store people's memories and later on present them is fascinating. I'm excited about the opportunity to join Google as an apprentice and learn how algorithms on Google Photos work.

I appreciate your consideration and look forward to hearing from you.

Regards,
Shadya Obuya.



AkiraChix
SHE BUILDS • SHE SERVES • SHE LEADS

Linda Kamau
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Karen, Nairobi.
linda@akirachix.com

June 28th, 2021

To Whom It May Concern,

It is with great pleasure that I write this recommendation for Shadya Obuya. Shadya is a codeHive class of 2021 student.

codeHive is the AkiraChix signature program. It is a one-year fully subsidised residential hands-on technical training program. It provides education and economic opportunity to young women between 18 and 24 years from socio-economically disadvantaged backgrounds who have completed high school education, unable to further their education due to financial constraints.

The program offers courses in user interface/experience (UI/UX), frontend web development (Javascript), frontend mobile development (Android/Kotlin), backend development (Python/Django), IoT (internet of things), startup 101, professional development, navigating your journey (life skills classes) as well as specialised certifications in cloud computing i.e Amazon Web Services, machine learning, data science and cybersecurity.

Shadya's personal qualities match her intellectual qualities. I have found Shadya to possess all of the qualities required to excel in virtually any environment; maturity, seriousness, impeccable respect for fellow students, dedication, and a positive outlook. Most importantly, I believe Shadya to be an individual of impeccable integrity and is highly suited for a position of leadership and responsibility in our country.

I believe Shadya will make an excellent apprentice and will be a tremendous asset at Google. I highly recommend her for such an endeavour.

Sincerely,

Linda Kamau
Managing Director
AkiraChix