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