Melody Shayanewako

meloShaya | LinkedIn

meloShaya (Github.com)

Email: meloshaya02@gmail.com
Mobile: **+263771748147**
Mobile: **+263718089717**

EDUCATION

Open Source Society University   (Online) Harare, Zimbabwe

Undergraduate - Computer Science   **June 2023 - August 2025**

SKILLS SUMMARY

- **Languages:** Python, SQL, Javascript, HTML, CSS.
- **Frameworks:** Django, Flask, React, Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn.
- **Tools:** Linux, Excel, PowerPoint, MySQL, SQLite, Git, GitHub, Docker, PostgreSQL, WordPress.
- **Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA
- **Soft Skills:** Rapport Building, Strong Stakeholder Management, People Management, Excellent communication

PROJECTS

E-Learning Platform | LINK   **June 25- August 2025**

- Developed an interactive e-learning platform using Django and JavaScript, with a custom content management system (CMS).
- Implemented user authentication and registration features, rendering and caching using Memcached and Redis cache backends.
- Created a RESTful API for the e-learning platform, integrated real-time chat functionality, enabling students to interact with instructors and peers, and dockerized the project to run multiple services and easy deployment.

E-Commerce Platform | LINK   **April 25- May 2025**

- Developed a web application that consists of a fully featured online shop, configured Celery in the project with RabbitMQ as a message broker, and sent asynchronous notifications to customers using Celery.
- Build a product recommendation engine with Redis, created a coupon system, and integrated Stripe payment gateways for secure transactions.
- Added Internationalization to the Shop using Rosetta, django-parler, ORM allowing users to switch between different languages and currencies, enhancing the user experience for a global audience.

Online Quiz Application | LINK   **July 23- August 2023**

- Developed a comprehensive online platform for conducting industry standard IQ tests, managing users, processing payments, and generating certificates.
- Implemented a secure user registration and authentication system including social authentication (Google, Facebook, Twitter).
- Integrated a payment gateway for secure transactions, allowing users to purchase test credits and access premium features.

CERTIFICATES

Applied Data Science (WorldQuant University) | CERTIFICATE   **December 2024**

- Learned about the data ecosystem, including the data lifecycle and various stages involved in data analysis.
- Mastered data gathering, identification, and cleaning for analysis preparation.
- Introduced to diverse applications designed to streamline and optimize the data analysis journey, enhancing efficiency and accuracy.
- Developed a strong foundation in data science fundamentals by building ML projects including volatility forecasting, bankruptcy prediction, air quality prediction, gaining skills in statistical analysis and data visualization techniques.

Programming in Python (Harvard University) | CERTIFICATE   **February 2024**

- Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, data structures, and OOP.
- Acquired expertise in procedural programming paradigms and associated logical concepts, enhancing capabilities.

Web Programming with Python and Javascript (Harvard University) | CERTIFICATE   **March 2024**

- Acquired proficiency in full-stack web programming using Python, SQL, JavaScript, and React mastering essential concepts and techniques.
- Developed a strong foundation in web development fundamentals, including Django, Flask, and React frameworks.

Introduction to Cybersecurity (Harvard University) | CERTIFICATE   **January 2024**

- Acquired foundational knowledge in cybersecurity, including key concepts, principles, and practices.
- Developed an understanding of cybersecurity threats, vulnerabilities, and risk management strategies.