

MICHAEL WAWERU

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PROFILE

Enthusiastic and diligent Computer Science student with a passion for leveraging technology to solve complex problems. Currently pursuing a Bachelor's degree in Computer Science at Kenyatta University with a strong foundation in Data Structures, Algorithms Programming, and Dynamic Programming. Eager to apply theoretical knowledge gained through coursework in real-world settings, contributing innovative solutions to the ever-evolving field of technology.

PROJECTS

CLONE NETFLIX WEBSITE

VITE.JS|FIREBASE|JSON| NODE.JS

- Developed a single page website using Vite.js, Node.js, and Firebase files for movie watching
- Used static site generation resulting in faster load time and increasing efficiency.
- Used Firestore for user authentication and saving of user data and SWR for fetching for data and Browser Local Storage for User Authentication.
- A user can create an account and rent a movie.

E-COMMERCE WEBSITE

REACT.JS|FIREBASE|JSON|NODE.JS

- Developed a single page website using React.js, Node.js, and Firebase files for purchasing clothes and shoes.
- Used static site generation resulting in faster load time and increasing efficiency.
- Used Firestore for user authentication and saving of user data and SWR for fetching for data and Browser Local Storage for User Authentication.
- A user can create an account and purchase a number of items from the website.

LOAN SYSTEM APPLICATION

JAVA|MYSQL|JAVAFX

- Developed using multiple system pages with multiple functionalities.
- The system allows a user to create an account, login into the system and borrow a loan.
- There are different methods in which a loan can be taken: The loans can be taken in form of either a group or an individual.
- The data is stored in MySQL databases system and can be easily retrieved and accessed by the administrator.
- The system has two access rights: It can be as a registered user or an administrator.
- The administrator is the one to register the new users and the different groups.

MY PORTFOLIO

- View my portfolio on the link below:-
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For more projects check out my GitHub page [Mikee100\(github.com\)](https://github.com/Mikee100)

EDUCATION

Kenyatta University

Nairobi, Kenya

Bachelor of Science in computer science

Sep 2021-present

Huawei Security CCNA

April 2023-June 2023

Expected Graduation - December 2025

SKILLS & ABILITIES

Strongest Areas	Data Structures, Algorithms Programming, Dynamic Programming
Languages	C/C++, JavaScript, Java
Libraries/Frameworks	React.js, Express.js, Git, Node.js, Python, HTML5, CSS3
Database	MySQL, Firebase

- **Strong problem-solving and analytical skills**
 - **Excellent teamwork and communication abilities**
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