

# Ibeagha Bethel Emmanuel

Nigerian | Web and AI Developer | Portfolio | [LinkedIn](#) | GitHub: [bethel1889](#)  
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## EDUCATION

### Harvard University

HarvardX (CS50) Online

Cambridge Massachusetts

Completed, May 2024

- **CS50T:** Understanding technology
- **CS50x:** Introduction to Computer Science and Programming
- **CS50P:** Introduction to Programming with Python
- **CS50AI:** Introduction to Artificial Intelligence with Python (In progress)
- **CS50W:** Web Programming with python and JavaScript (In progress)

**Related Coursework(Completed):** Python, C, HTML, CSS, JavaScript, SQL, Data Structures & Algorithms, Unit Testing, Regex, Neural Networks, CyberSecurity, React, Django and Flask

**Certificates:** [CS50x](#), [CS50P](#), CS50T(awaiting)

## PROJECTS

### Maple Match

Solo Project

Enugu, Nigeria

April 2024

- Developed a [Flask-based web application](#) to streamline job searches for foreign workers seeking LMIA-approved positions, featuring a robust SQLite database with extensive job listings (over 18000) and user authentication.
- Implemented dynamic search functionality allowing users to filter and save job listings, enhancing user experience with a user-friendly interface using HTML, CSS, and JavaScript.
- Handled secure session management and integrated error handling, ensuring reliable and efficient user interactions, and secure login.

### Nexus

Course Project

Enugu, Nigeria

April 2024

- Developed a robust Flask-based web application for stock trading, featuring secure user authentication, session management, and extensive SQLite database integration.
- Implemented essential functionalities including real-time stock buying, selling, portfolio management, and detailed transaction history tracking.
- Designed a responsive frontend interface using HTML, CSS, and JavaScript to provide users with a seamless and intuitive trading experience, supported by comprehensive error handling for enhanced reliability.

### Clip Vault

Solo Project

Enugu, Nigeria

May 2024

- Built a lightweight cross-platform [clipboard history manager](#) using python and Tkinter, enabling efficient and continuous tracking , monitoring and management of clipboard entries
- Implemented customization features for font-size, history size, preiew lengthand window theme through command line arguments, enhancing user flexibility
- Developed an intuitive user interface for easy clip management with delete and copy functionalities, ensuring a seamless user experience

## EXPERIENCE

### HI-TECH SS&P

Mobile Device Repair Technician

Benue, Nigeria

May 2020 – June 2021

- Diagnosed and repaired mobile devices by troubleshooting hardware and software issues, achieving a 95% customer satisfaction rate.
- Streamlined repair processes by implementing standardized diagnostic procedures, reducing average repair time by 20%.
- Managed inventory and parts ordering, ensuring timely availability of necessary components and maintaining a 98% on-time repair rate.

## **SKILLS**

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**Programming:** C, Python, JavaScript, HTML, CSS, SQL, Flask, Django, React.js, Git, Bootstrap

**Soft Skills:** Teamwork, Adaptability, Time management, Attention to detail.