

Lucy Kendi

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Technical Skills

- Python
- C
- HTML/CSS
- SQL (MySQL, SQL Server)
- Git/GitHub
- Firebase

Education

University of Nairobi
Bachelor of Science in Computer Science

In progress: Sept. 2021 - Sept. 2025

ALX Africa
Software Engineering

In progress: May 2023 - Oct. 2024

Projects

Desktop Cleaner | Python, NLTK, Google Drive API | [Source Code](#) | [Demo](#)

- Developed a Python-based desktop cleaning automation script with Google Drive API for seamless backup, leading to an enhanced file organization system that saved about 20 hours per month in manual sorting and data backup tasks.
- Leveraged Natural Language Toolkit (NLTK) to implement intelligent keyword sorting to further optimize file organization and improve retrieval efficiency of related files by 25%.

Portfolio Website | HTML/CSS, JavaScript | [Source Code](#) | [URL](#)

- Designed and developed a visually appealing portfolio website using HTML, CSS, and JavaScript to showcase projects and skills.
- Utilized CSS media queries to ensure compatibility and responsiveness across various devices and screen sizes.
- Deployed the website using GitHub Pages for ease of access and sharing.

Simple Shell | C | [Source Code](#) | [Demo](#)

- Collaboratively developed a Unix-like command interpreter in C, enhancing command-line interface functionality.

Extracurriculars and Certifications

Accenture Developer Job Simulation on Forage

April 2024

- Crafted precise technical requirements aligning with project goals and exceeding stakeholder expectations, driving a 20% increase in project efficiency.
- Conducted code reviews and rectified issues in Python and JavaScript code resulting in a 30% increase in code quality.
- Spearheaded the implementation of rigorous unit testing protocols, elevating code quality by 40%.
- Demonstrated a deep understanding of data privacy regulations and compliance standards, ensuring adherence to industry best practices and mitigating potential risks for client projects.