

# Jane Muraya

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A passionate and self-driven software engineer enthusiast with a strong interest in backend development and problem-solving. Experienced in Python, JavaScript, HTML, and CSS, with hands-on experience building and maintaining web applications. Eager to further my skills and contribute to innovative projects in the tech industry.

## Experience/ Projects

SEPTEMBER 2022 – PRESENT

### Movie booking system - Python, Flask, PostgreSQL

- Developed a movie ticket booking system that handles user authentication, ticket booking, and generates graphical reports using Matplotlib for sales analysis.
- Integrated a PostgreSQL database to store customer data, bookings, and movie schedules.

### Portfolio Website – HTML, CSS, JavaScript

- Designed and built a personal portfolio website to showcase projects and skills, with features including a contact form and interactive elements.
- Deployed using GitHub Pages and linked to my LinkedIn and GitHub profiles.

### Cybersecurity Agent - python

Designed and implemented a cybersecurity agent using Python to detect and mitigate security threats.

## Skills

- **Programming Languages:** Python, JavaScript, C,C++
- **Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js
- **Databases:** PostgreSQL, MongoDB, Mysql
- **Tools:** Git, Docker, GitHub
- **Methodologies:** Agile, Scrum

## Education

AUGUST 2022 - PRESENT

### Bachelor of Science in information Technology – Karatina University

- 3.2 GPA • Second year
- 3.4 GPA • First year

MAY 2023 – MAY 2024

## Soft skills

- Good interpersonal skills
- good critical thinking
- Good problem solving
- Good time management
- Good adaptability and flexibility
- Good leadership
- Good communication
- Can work with / without supervision
- Good work ethics

## Activities

- Assistant lead for cybersecurity community, innovation club Karatina University
- Vice Chair lady women in tech Karatina Chapter
- Member of GDG