

Simon Muchemi

Software Engineer

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[LINKEDIN](#) | [GITHUB](#)

EDUCATION

DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY
COMPUTER SCIENCE BACHELOR OF SCIENCE

October 2021 - December/2024
Nyeri, Kenya

EXPERIENCE

DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY | COMPUTER SCIENCE ATTACHMENT Nyeri, Kenya |
February/2023 – March/2023

During this period I learnt and did practical work on Software development, Computer Networking and Computer hardware.

SKILLS

PROGRAMMING LANGUAGES	C, Java, Python, JavaScript
LIBRARIES/Frameworks	React, SQLAlchemy, Flask
TOOLS / PLATFORMS	Linux, Vim, VS Code, PyCharm, IntelliJ Idea
DATABASES	MySQL, Sqlite

PROJECTS / OPEN-SOURCE

PETHAVEN | [LINK](#) Flask, Python, ReactJs

PetHaven is a web application that connects pet lovers with adoptable pets in their area. This project aims to simplify the process of pet adoption by providing a user-friendly platform.

THERABOT | [LINK](#) Python, OpenAi, Jupyter Notebook

TheraBot is a fine-tuned chatbot model, based on gpt-3.5-turbo. It is designed to analyze user text and provide counselor-like feedback.

MTAHINI | [LINK](#) Java, Firabase, XML

Mtahini is an Android application designed for managing student examinations. Key features include:

- Student registration for courses
- Lecturer ability to input marks for students in their assigned units
- Admin functionality to generate pass lists
- Admin capability to edit student marks