

GACHERU ROBERT NJOROGÉ

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Objective:

Disciplined and passionate Software Engineering student seeking an internship opportunity to apply and enhance my technical skills in a real-world environment. Passionate about system development, software application development, and project management and eager to contribute to innovative projects.

Education:

UNIVERSITY OF EASTERN AFRICA, BARATON.

Bachelor Of Science in Software Engineering.

Expected graduation: August 2025.

Relevant Coursework:

- Object-Oriented Programming:

Applied Python for software and web application development. Key projects include the VET DOCTORS FINDER and STOKOO MANAGEMENT APP, utilizing Tkinter framework.

- Software Project Management:

Demonstrated efficient project management skills in overseeing the development of STOKOO MANAGEMENT APP as the project manager during the development phase.

- Database Management Systems (MySQL):

Proficient in SQL queries for data manipulation. Applied skills in the development of VET DOCTORS FINDER APP and STOKOO MANAGEMENT APP.

- Data Structures and Algorithms:

Applied Java for algorithmic problem-solving and data manipulation.

Skills:

Programming Languages:

- Proficient in Python, and SQL.

- Familiar with Java, HTML, CSS, C, and C++.

Technologies and Tools:

- MySQL database management.

-AI prompting.

Development:

- Experience in Flask and Tkinter frameworks.

- Understanding of Django framework for Python development.

PROJECTS:

1. VET DOCTORS FINDER (Python, HTML/CSS, SQL, Tkinter, Flask)

- Led the development as the project owner. Implemented location-based access for farmers to connect with veterinary doctors and extension officers.

2. STOKOO MANAGEMENT APP. (Python, HTML/CSS, JavaScript, and SQL.)

This is an inventory management system made using Tkinter as the main Framework for GUI and MySQL as the database.

The system although currently still in the development phase is a project showing much promise.

Currently serving as the project leader in the development phase.

Leadership Positions:

Treasurer, BITSA CLUB (Department Club) - Aug 2023 - Present

- Spearheaded financial management, demonstrating strong organizational and leadership skills.

Extracurricular Activities:

Full participation in Football and Chess events, developing teamwork and critical thinking skills.

Certifications:

- ALX AiCE - AI Career Essentials

The AI Career Essentials (AiCE) program is designed to teach you essential AI literacy skills that will kickstart your career. Combining technical knowledge, professional skills, and AI tools training in one program.

References:

Available upon request.