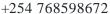# EVANS MWATHA

SOFTWARE ENGINEER

CONTACT

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Nairobi, Kenya
LinkedIn

EDUCATION

B.Sc.
Software Engineering
Kirinyaga University
September 2020 -
April 2024
Kirinyaga, Kenya

SKILLS

Python (Django)
JavaScript (NodeJS ReactJS)
SQL (MySQL, PostgreSQL)
HTML5/CSS
AWS, Azure
Data Analysis (Numpy, Pandas, Matplotlib)
Unix, Git

Languages

English (Fluent)
Kiswahili (Fluent)
Kikuyu (Native)

Hobbies and Interests

Playing video games
Listening to music
Coding and exploring new technologies
Contributing to open-source projects

Summary

I'm a motivated Junior Software Developer skilled in Python-based web development (Django/DRF, FastAPI) and passionate about building robust, scalable solutions. With a strong foundation in HTML5, CSS3, JavaScript, and core programming (C, C++, Java/Kotlin), I'm actively exploring data analysis and machine learning techniques with a strong interest in their backend applications.

Experience

Web Developer Tutor (Intern)– | [Kenya Institute of Software Engineering] | [May, 2022] - [August, 2022]

- Mentored students on responsive web design concepts using HTML, CSS, and JavaScript, employing hands-on exercises and project-based learning.
- Facilitated instruction on website hosting procedures, covering domain registration, server selection, and deployment strategies.

IT Technician Intern | [Kenyatta University] | [May, 2023] - [August, 2023]

- Provided technical support to staff, diagnosing and troubleshooting hardware and software issues.
- Configured and maintained computer systems, including internet connectivity, network configurations (N-Computing), and routine maintenance procedures.
- Performed regular preventative maintenance on desktops and laptops, optimizing performance and ensuring system stability.
- Assisted with other IT-related tasks as assigned, demonstrating strong problem-solving and technical skills.

Projects

Smart Greenhouse Monitoring System (Github)

- Integrated ESP8266 microcontroller with DHT11 and soil moisture sensors for real-time environmental monitoring.
- Used Blynk Android app to control greenhouse actuators (pump, fan, humidifier) and visualize collected sensor data.

Smart Car Parking System (Github)

- Employed IR sensors with an ESP8266 for detecting parking space occupancy.
- Used Bynk Android app to display a visual map of available parking slots, potentially including reservation features.