

Stephen Muiga

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EDUCATION

Lux Tech Academy

Data Science

Nairobi, KE

Sept. 2023 – Nov. 2023

Jomo Kenyatta University of Agriculture and Technology

Bachelor of Science in Mathematics and Computer Science, Pure Mathematics

Kiambu, KE

Sept. 2020 – April 2024

EXPERIENCE

Software Developer

Furaha Ventures Limited

May 2023 – Present

Westlands, KE

- Developing a progressive web application using Ionic with Angular and working with APIs
- Contributing to developing full-stack web applications using Angular, Ionic, GraphQL, and Azure while working with IoT sensors
- Design the user-interface of a progressive web application

Avionics Intern

Nakuja Project | Jomo Kenyatta University of Agriculture and Technology & JICA

Sept. 2023 – Jan 2024

JKUAT, KE

- Developed and tested IoT prototypes using various hardware components such as Arduino, Raspberry Pi, ESP32
- Developed a way to receive data streams from the sensors on the rockets to detect anomalies and take corrective action
- Contributed in building the third iteration of Nakuja rockets, Nakuja N-3

Web Developer

Rundomlabs Digital

Oct. 2023 – Nov. 2023

Nairobi, KE

- Developed and maintained a website using WordPress
- Worked closely with clients to understand the site requirements and deliver on time

Undergraduate Industrial Attachment

Nyandarua County Assembly

May 2023 – Aug. 2023

Nyandarua, KE

- Led the transition into a paperless practice by implementing a library management system that's faster and more accurate
- Collaborated in developing a high-quality HR management system to manage the MCAs committee meetings and finances allocation

PROJECTS

Smart Warehousing | Ionic, Python, Angular, PostgreSQL, REST API

Nov. 2023 – Present

- Developing a progressive web application using Django REST framework with Angular as the frontend
- Building a hardware system using DHT22 sensors and ESP32 for tracking warehouse conditions variables

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: Angular, Node.js, WordPress, Angular Material, Ionic

Skills: Creative writing, Technical writing