

Stephen Muiga

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EDUCATION

CyberTalents <i>Cybersecurity</i>	Nairobi, KE May 2024 – June 2024
Lux Tech Academy <i>Data Science</i>	Nairobi, KE Sept. 2023 – Nov. 2023
Jomo Kenyatta University of Agriculture and Technology <i>Bachelor of Science in Mathematics and Computer Science, Pure Mathematics</i>	Kiambu, KE Sept. 2020 – April 2024

EXPERIENCE

Cohort 8.0 Mentee <i>Kamilimu</i>	April 2024 – Present Nairobi, KE
<ul style="list-style-type: none">Selected as one of the 38 mentees from across 29 universities in Kenya to join the 8th cohort of mentees.Structured mentorship for university students pursuing tech-aligned courses in Kenya around the pillars: personal development, professional development, innovation and ICT skills, and community engagement.	
Software Developer Intern <i>Furaha Ventures Limited</i>	May 2023 – Feb .2024 Westlands, KE
<ul style="list-style-type: none">Developing a progressive web application using Ionic with Angular and and working with APIsContributing to developing full-stack web applications using Angular, Ionic, GraphQL, and Azure while working with IoT sensorsDesign the user-interface of a progressive web application	
Avionics Intern <i>Nakuja Project Jomo Kenyatta University of Agriculture and Technology & JICA</i>	Sept. 2023 – Jan. 2024 JKUAT, KE
<ul style="list-style-type: none">Developed and tested IoT prototypes using various hardware components such as Arduino, Raspberry Pi, ESP32Developed a way to receive data streams from the sensors on the rockets to detect anomalies and take corrective actionContributed in building the third iteration of Nakuja rockets, Nakuja N-3	
Web Developer <i>Rundomlabs Digital</i>	Oct. 2023 – Nov. 2024 Nairobi, KE
<ul style="list-style-type: none">Developed and maintained a website using WordPressWorked closely with clients to understand the site requirements and deliver on time	
Undergraduate Industrial Attachment <i>Nyandarua County Assembly</i>	May. 2023 – Aug. 2023 Nyandarua, KE
<ul style="list-style-type: none">Led the transition into a paperless practice by implementing a library management system that's faster and more accurateCollaborated in developing a high-quality HR management system to manage the MCAs committee meetings and finances allocation	

PROJECTS

Smart Warehousing <i>Ionic, Python, Angular, PostgreSQL, REST API</i>	Nov. 2023 – Present
<ul style="list-style-type: none">Developing a progressive web application using Django REST framework with Angular as the frontendBuilding a hardware system using DHT22 sensors and ESP32 for tracking warehouse conditions variables	
Nakuja N-3 Rockets <i>Python, Embedded systems</i>	Sept. 2023 – Jan. 2024
<ul style="list-style-type: none">Developed and tested IoT prototypes using various hardware components such as Arduino, Raspberry Pi, ESP32Contributed in building the hardware of the third iteration of Nakuja rockets, Nakuja N-3	

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS
Frameworks: Angular, Node.js, WordPress, Angular Material, Ionic, REST APIs
Other Skills: Creative writing, Technical writing