

Vincent Mulwa Munyalo

Contact Information:

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Career Objectives:

I am a highly skilled Electrical Engineer and Software Developer seeking to bring knowledge, technical expertise, and innovative ideas to a dynamic engineering environment both in the country and worldwide.

Professional Experience:

- Freelance Python Developer (January 2020 - To date)
 - Creating web automation/scraping bots using python libraries (Selenium, Bs4, Scrapy)
 - Developing web apps for clients based on Flask and Django frameworks
 - Creating, hosting, and maintaining databases for business websites (Firebase, GCP and AWS).
 - Cleaning, analyzing and Visualizing real world data for clients using Ms Excel and Python libraries (Pandas, NumPy and Matplotlib).
- Broadcast Support Engineer (Intern), Byce Broadcast (June 2021 - May 2022)
 - Installation and maintenance of studio electrical systems and equipment.
 - Installed and troubleshot IP Broadcasting software (Lawo Products) for Royal Media Services (Inooro and Citizen Radio)
- Operations and Maintenance Engineer (Industrial Attachment), Kenyatta National Hospital (August 2019 - December 2019)
 - Maintained medical equipment and oversaw the operation of the backup generator in case of power cuts.

Education Background:

- ALX Software Engineering Programme, Full Stack Software Engineering Trainee (November 2022 – To date)
- Cisco Networking Academy, Cybersecurity Essentials Certification (August 2022 – November 2022)
- University of Nairobi, Bachelor of Science in Electrical and Electronics Engineering (2015 - 2021)
- Mang'u High School, Kenya Certificate of Secondary Education (A Plain), (2011 – 2014)

Skills:

Electrical Engineering:

- Hardware programming based on microcontrollers and mini-computers, i.e Arduino and Raspberry pi.
- Networking (Network systems installation and troubleshooting).
- Computer hardware maintenance and repair.

Software and Programming:

- Adept at Microsoft Office and LibreOffice suites.
- Strong background in software development, including proficiency in Python, HTML, CSS, JavaScript, C, Bash, and SQL languages.
- Experience with Flask and Django web frameworks alongside building RESTful APIs for web scraping.
- Strong database management skills (MySQL, SQLAlchemy, and PostgreSQL).
- Skilled in cloud computing (GCP and AWS) and version control tools such as GIT.

Personal Attributes:

- Strong communication and listening skills.
- Teamwork enthusiast.
- Self-driven and able to work independently.
- Dedicated to learning new concepts and gaining professional experience.
- Strong multitasking, prioritization, and time management skills.
- Attention to detail.