

SYLVIA BOYANI OMBOGO

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[linkedin.com/in/sylvia-boyani-7130a6196](https://www.linkedin.com/in/sylvia-boyani-7130a6196) | <https://github.com/sylvia-boyani> | Kenya

I am a passionate and dedicated Full-Stack Developer with a strong aspiration to excel in software development. My goal is to create impactful projects that improve lives and make a significant difference in the world. My GitHub profile showcases a variety of projects I have completed, including my most significant endeavor: developing the Tumaini Ministries Web Application.

I am committed, hardworking, and reliable, with a methodical and driven approach to my work. I possess excellent manners and demonstrate strong communication and organizational skills. I thrive both independently and as part of a team, consistently delivering high-quality results.

Skills:

- **Ruby on Rails:** I am Proficient in Ruby with extensive experience using Rails for robust backend development.
- **JavaScript and React:** Skilled in JavaScript with hands-on experience in React for building dynamic and responsive user interfaces.
- **HTML and CSS:** Strong foundation in HTML and CSS for crafting well-structured and visually appealing web pages.
- **Project Management:** Effective project management skills, ensuring timely delivery and successful execution of projects.
- **Cloud Computing (GCP):** Experienced with Google Cloud Platform (GCP), leveraging cloud services for scalable and efficient application deployment.

PROJECTS

Tumaini Ministries Center Web Application

Status: Complete Link: [Tumaini Ministries Website](#)

Personal Profile Website

Status: Complete Link: [My Portfolio website](#)

Other School Projects

Status- Link: [Github account](#)

Second github account: [Github account](#)

EXPERIENCE

School Lead Educator, TechLit Africa

As a School Lead Educator at TechLit Africa, I am at the forefront of pioneering digital education for primary school students. Over the past six months, I have successfully designed and delivered a unique and comprehensive curriculum that starts with essential Microsoft Office applications and progresses to advanced programming languages, including HTML/CSS for website development, shell scripting,

Python, and Ruby.

In this role, I am responsible for:

- **Curriculum Development and Instruction:** Helping the curriculum team in crafting and implementing engaging lesson plans that cater to various levels of digital literacy, from basic touch typing to complex programming concepts.
- **Teaching Digital Skills:** Providing hands-on instruction in Microsoft Office Suite, website creation, shell scripting, Python, and Ruby, ensuring students gain both theoretical knowledge and practical experience.
- **Hardware and Software Proficiency:** Educating students on general computer hardware components and maintenance, fostering a well-rounded understanding of technology.
- **Skill Enhancement:** Enhancing students' typing speed and accuracy through structured touch typing lessons, preparing them for future academic and professional success.

Through my efforts, I have empowered young learners with critical digital skills, fostering a new generation of tech-savvy individuals ready to thrive in an increasingly digital world.

Current-Volunteering: Tumaini Ministries Center Communications, Media and Department Head.

At this position I am currently volunteering in building their website, I prepare and manage all communication material. I also manage media relations, develop contact with community leaders and church leaders.

EDUCATION

April 25th 2022 to 21st October 2022

I have graduated from Moringa School as a **Full Stack Software Developer**. So far I have learnt and finished the following languages for front-end web development; HTML and CSS, JavaScript and React. For Back-end development I have done Ruby on Rails, Redux and Sinatra. I am continuously polishing the same languages.

2017-2021

DIP.TECH Electrical and electronics engineering (**Control and Instrumentation**) Technical University of Kenya.

Relevant modules

- Automatic process control systems 80%
- Introduction to programming 70%
- Auto-CAD 80%
- Control systems (Mat lab) 50%

- Robotics 80%
- Industrial measurements 60%
- PLCs (logo) 80%

2012-2015

Mitaboni Girls Secondary School. Kenya Certificate of Secondary Studies.

Results: Mean grade **B**

INTERPERSONAL SKILLS

Technical knowledge: I have the ability to do any electrical and electronics jobs, Maintenance, repairs fault tracing, troubleshooting and Engineering projects.

Leading-self: I have the ability to effectively manage and direct my own actions, goals, and personal development. I have a strong sense of self-awareness, self-discipline, and a commitment to continuously improving myself.

Communication skills: I can effectively communicate complex concepts and ideas to both technical and non-technical audiences. I am fluent in speaking both English and Swahili.

Quantitative reasoning skills: Supported our church to analyze data in reports and meeting minutes which led to an informed decision-making process in the building/construction of the Church.

Teamwork: I love working collaboratively with others towards a common goal, appreciating different perspectives and contributions of others.

Adaptability: I am flexible and open to change, adjusting to new situations and challenges quickly.

Leadership: Guiding and inspiring others, setting a positive example, and taking responsibility for group outcomes.

Volunteer Experience

Website Developer, Tumaini Ministries I am currently volunteering to build and maintain the Tumaini Ministries website. This role involves collaborating with the organization to understand their needs and translating them into a functional, user-friendly website. Through this project, I am enhancing my web development skills while contributing to a cause that I am passionate about.

Mentor, Spur Africa I partner with Spur Africa, a local organization dedicated to educating and uplifting the community in the slums of Kibera. As a mentor, I guide scholarship students, providing them with the knowledge and inspiration to achieve their academic and personal goals. I am committed to helping these students reach new heights, just as I have in my own journey. This mentoring role involves regular meetings, goal-setting sessions, and ongoing support to ensure the students' success.

Volunteer Teacher, Local High School I have volunteered at a nearby high school, where I taught Physics and Computer Science. In this role, I created engaging lesson plans, conducted hands-on experiments, and provided individualized support to students. This experience allowed me to share my passion for STEM subjects and inspire the next generation of scientists and technologists.

Peer Counselor, High School My commitment to helping others extends back to high school, where I served as a peer counselor. I provided support and guidance to my classmates, helping them navigate academic and personal challenges. I continue to practice peer counseling, using these skills to offer support in my community.

Through these volunteer experiences, I have honed my teaching, counseling, and mentoring skills while making a positive impact in my community. My dedication to education and personal development drives me to continue contributing to these meaningful causes.

Some of the projects that I have worked on are on my GitHub account. <https://github.com/sylvia-boyani>

Check out my recent projects too on this github account too, <https://github.com/boyani-Otieno>

Personal Interests

In my free time I love mentoring young adults and teens. Sharing our life experiences together and motivating each other.

During my free time I also like plaiting and hairdressing simple braids.

These are some of the hobbies I like; swimming, Playing ball games, reading, watching and cooking.

REFERENCES

Fred Ogutu Faradays: Director Hope Academy Center and Bishop- Tumaini Ministries

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