CURRICULUM VITAE: JUNE JEBIWOTT

Personal Information

Name: June Jebiwott

Mobile: +254745383037

Email: junekrotich@gmail.com

Github : https://github.com/June-Bajim

Portfolio: https://june-xzox.onrender.com/

Experience

1. ### Virtual Mechatronics Laboratory- Software Developer Research Assistant

January 2025- Present

- Managed existing website, which was built using **React** and **Tailwind CSS** for the frontend, ensuring that content remained accurate and user-friendly.
- Develop a new ERP System using **Next js** and **Tailwind CSS** for the frontend, **Node.js** for the backend, and **PostgreSQL** as the database, enhancing the lab's workflow for the projects, students and equipment.
- Improved the Enterprise Resource Planning System functionality and performance through regular updates and optimizations, aligning it with the lab's evolving needs and technology standards.
- Collaborated closely with team members to create and design new and up-to-date newsletters and magazines for the lab on a weekly basis, as a marketing strategy for the lab.

2. ### Virtual Mechatronics Laboratory- Software Developer Intern

September 2024-January 2025

- Managed and updated the existing website, which was built with **HTML** and **CSS**, ensuring that content remained accurate and user-friendly.
- Developed a new website using **React** and **Tailwind CSS** for the frontend, **Node.js** for the backend, and **PostgreSQL** as the database, enhancing the lab's online platform for a smoother, more interactive user experience.
- Improved the website's functionality and performance through regular updates and optimizations, aligning it with the lab's evolving needs and technology standards.

- Collaborated closely with team members to integrate new features, troubleshoot issues, and maintain a seamless, high-quality web experience for users.

Projects: Virtual Mechatronics Labs Website
Purpose: A platform for simulating mechatronics systems, offering interactive learning through virtual labs.
Role: Fullstack Developer

Stack: Next js, React, Tailwind CSS, Node.js, Express, PostgreSQL.

[**Project Link**](#)

Key Contributions:

- **Developed interactive mechatronics simulations.**

- **Created a user-friendly frontend with React and Tailwind CSS.**

Impact**: An innovative platform for accessible, hands-on mechatronics learning.**

Certification and Training
1. February 2024 – March 2024: Cisco Networking Academy; IOT and Digital Transformation.
2. January 2924 – March 2024: Tech4Dev Community (WT BootCamp); Cyber Security Essential cohort 3.2
3. August 2023 – November 2023: AWS AI&ML Scholarship (Udacity); AI programming with python.

Education
1. October 2021-December 2024: Degree in Bachelor of Science in Information Technology from Dedan Kimathi University of Technology
2. October 2021-December 2024: Minor Degree in Communication Skills from Dedan Kimathi University of Technology
3. January 2017- March 2021: Kenya Certificate of Secondary Education, Kapropita Girls High School, Baringo.

Personal Qualifications
1. Computer Literacy – Proficient in the software and hardware component of a computer. Advanced knowledge in the software skills such as; Word, Powerpoint, Excel and Adobe Acrobat.
2. AI & ML – Trained various model that help to solve some of our day-to-day challenges.
3. Cybersecurity – I have skills in Cyber Security and data protection.
4. Programming Languages – An extensive understanding to various programming languages such as; Python, Java, JavaScript, React, HTML, CSS, C. This has enabled

me to develop software, both mobile and websites, train models, networking, project management and cyber security.

Skills and Behaviour
1. Excellent problem-solving and analytical abilities.
2. Strong communication and collaboration skills.
3. Ability to work effectively and adapt to changing requirements.
4. Self-motivated – dedicated to deliver what's expected of me.

Hobbies and Interest
Clubs:

1. University: A peer educator and ambassador to fight against drug and substance abuse. A secretary at the Peace ambassador Kenya DEKUT charter.
2. High School: A member of various clubs; Wildlife club, Red Cross Club and Presidential Award Club.

Hobbies:

1. Learning new programming languages.
2. Reading books
3. Travelling
4. Team building activities

Referees
1. Dr Mr Patrick K. Gikunda
   Head of Information Technology Department,
   Dedan Kimathi University of Technology
   Cod-it@dkut.ac.ke
   Tel: +254713835979

2. Madam Favour Olenloa
   Advisor – WT Bootcamp
   Tech4Dev Community
   wtbootcamp@tech4dev.com

3. Prof Eng. Jean B. Bosco
   Director, Virtual Mechatronics Laboratory,
   Siemens Centre, Dedan Kimathi University of Technology'
   jbbyiringiro@googlemail.com