

SUMBA JOHN KHAEMBA

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CAREER PROFILE SUMMARY:

I am an aspiring and dedicated young professional, eager and enthusiastic to contribute my skills and determined to a dynamic team. With a strong and firm foundation in some programming languages such as Rust, Python, HTML, JavaScript and C, I have developed exceptional talent, demonstrated in hackathons I have participated in. I also have background knowledge in cyber security. Moreover, my programming skills continue to be sharpened further by my learning as an ALX and Cisco student, I am also taking a course on AI Career Essentials at ALX. I also have work experience at various workshops as an attaché at the Ministry of roads and Transport, Mechanical Division, where I got to work with different machines and even electric vehicles. My proactive nature and leadership skills have also been refined by the various leadership roles I have played all the way from Junior secondary school. I am enthusiastic about utilizing my technical expertise, creative problem-solving abilities, and leadership skills to make a positive impact within a dynamic team.

EDUCATION BACKGROUND:

- **Bachelor of Science in Mechanical Engineering** | Jomo Kenyatta University of Agriculture and Technology; September 2024 to Ongoing.
 - **Kenya Certificate of Secondary Education** | St. Mary's Kibabii Boys High School – Bungoma, Kenya; 2019-2022
 - Graduated with distinction in academics and leadership
 - Engaged in advanced coursework, fostering critical thinking and problem-solving skills
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PROFESSIONAL COURSES:

- **Software Engineering:** ALX Kenya; July 2023 to Ongoing
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KEY SKILLS AND COMPETENCIES ACQUIRED:

Skills:

- 3D modelling using Autodesk Inventor; and 3D printing as well
- Proficiency in C, Rust, Python, HTML and JavaScript programming languages
- Proficiency in:
 - Service and Maintenance of Electrical and Fuel Injected components
 - Repair and Maintenance of braking and suspension systems
 - Repair of Starter Motors, Alternators and general auto-electrical
 - Engine overhauls

- Inspection of Transmission components
- Fabrication and manufacture of various components
- Operation of various machines
- Welding using both arc and gas welding equipment.

Achievements/Projects:

- **Programming Skills Showcase** – Displayed proficiency in programming languages such as HTML, JavaScript, Python and Rust, gaining recognition for my technical prowess.
- **Attention to Detail** – Ability to accurately analyze situations and ensure that in every duty I undertake, I pay close attention to details and capture all the valuable information.
- **Flexibility** – Ability to juggle between different roles and adapt to different circumstances.
- **ICT Competence** – Adept in navigating Microsoft Office suite, Emails, and the internet.

WORK HISTORY:

- MINISTRY OF ROADS AND TRANSPORT, STATE DEPARTMENT OF ROADS

Worked in various workshops for 4 months and gained a lot of technical skills together with a good valid recommendation from the chief engineer (Mechanical & Transport), ENG. BENEDICT J. MUTUNGA.

REFEREES:

Available upon request.