LEWIS NG'ANG'A

MICROCONTROLLER AND FULL-STACK DEVELOPER

NAIROBI, KE | LEWISNGANGA1@OUTLOOK.COM | WWW.LEWISNGANGA.ONLINE

Objective

To secure a challenging web developer position where I can apply my technical and creative skills to develop responsive, user-friendly websites. Experienced in microcontroller development, I aim to drive innovation and user satisfaction.

Skills & abilities

Experienced Full Stack Developer proficient in multiple programming languages. Skilled in developing responsive, user-friendly websites using modern frameworks. 3 years of expertise in Microcontroller development, with a background in competitive robotics and innovation showcased at Startup Africa.

Experience

KATTI RIFT VALLEY REGION TVET FAIR, RESEARCH PAPER AND ROBOTICS CONTEST -2020

Software Engineer | January 2020 – June 2020

- **Developed autonomous vehicle:** Engineered a vehicle using Arduino microcontrollers equipped with various sensors.
- **Navigated autonomously:** Implemented algorithms enabling the vehicle to autonomously navigate and deliver meals to COVID-19 patients.
- **Ensured successful deployment:** Successfully deployed the vehicle to aid in the distribution of meals, enhancing efficiency and reducing human contact during the pandemic.

PHARMACY AND POISONS BOARD KENYA

Data Management and Website Administration Intern | January 2020 – June 2020

- Managed data entry into the database and maintained the company's internal website for handling critical client data.
- Archived outdated data and digitized manual paperwork and contracts, ensuring efficient data management and accessibility.

FLAMMY TECH, KE

Founder and Technical Lead | August 2020 - Present

- Founded and established Flammy Tech, specializing in developing customized digital solutions for diverse clientele.
- Strategize and oversee the technical aspects of projects, ensuring alignment with client requirements and business objectives.
- Manage end-to-end project lifecycle, from initial concept planning through to execution and delivery.
- Handle logistics, client communications, and marketing activities to promote company services and maintain client satisfaction.

Education

RIFT VALLEY NATIONAL POLYTECHNIC

Dip. Information Communication Technology

Earned a Knec Score of 3.0 (Credit) and completed relevant coursework in web development, database management, and software engineering.

Communication

Excellent communication skills enable me to collaborate with clients, stakeholders, and cross-functional teams to deliver high-quality results.

Leadership

Mentor junior developers, coordinate project tasks, and implement best practices to ensure timely delivery of high-quality web applications.