

ELLY OKOTH OTIENO

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CAREER OBJECTIVE

Passionate and detail-oriented Frontend Developer with experience in creating responsive and user-friendly web applications. Seeking a challenging role where I can leverage my expertise in HTML, CSS, and JavaScript to contribute to innovative projects. My goal is to collaborate with cross-functional teams to deliver visually appealing and highly functional user interfaces, while continuously staying updated on the latest web development technologies and design trends.

KEY SKILLS

- Proficient in HTML5, CSS3, and JavaScript.
- Experience with modern frontend frameworks, including React.js
- Strong understanding of responsive design principles.
- Familiarity with version control systems such as Git.
- Ability to collaborate effectively with designers and backend developers.
- Excellent problem-solving and debugging skills.

ACHIEVEMENTS

Safaricom PLC - Mini Program Developer.

- With the help of team member, I successfully carried out integration of endpoint APIs to the backend for send to Alipay mini-app enabling users to easily access the services offered by the same platform.
- Implemented the cashback feature on a new version of the Faraja mini-app where consumers can now easily pay using not only the Faraja limit but also with M-pesa wallet to get a cashback if there is.
- Developed the new UI features to Safaricom Bundles 2.0 an upgrade to the existing version of the same mini-app.
- Implemented the get mini-app session and SSO feature to Safaricom Bundles 2.0.

Technical University of Mombasa.

- As part of coursework, I achieved control mechanism to a robot arm by programming it using Arduino microcontroller and C++ as the base language.
- Led a team of 5 members on research project of the application of PLCs and SCADA systems. We were able to use PLCs in production process as applied in the conveyer belts and programmed the same using Ladder logic. Presented a report on the same on how SCADA are used in monitoring of Power lines by generating companies.

- Did a final year project on automatic water cooled ACs, I applied control and automation. In control I used Arduino microcontroller that requires knowledge in C++ while the automation part mainly had sensors and actuators.
- With fellow team members we were able to achieve DOL, star-delta connections and forward reverse connections controls for electrical motors.
- Involved in several project design using Proteus -which I later used to design my final year project- and AutoCAD then implementing their controls using either Arduino or MATLAB.

EDUCATION

Bachelor of Technology in Electrical and Electronics Engineering

Technical University of Mombasa.

2ND Class Upper

REFERENCES

Available upon request.