Samwel Kinuthia

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github https://github.com/samwelkinuthia ↖ https://samwelkinuthia.github.io

EDUCATION

BSc Computer Engineerig   09/2015 – 2021
Jomo Kenyatta University   Juja, Kenya

PROFESSIONAL EXPERIENCE

Web Developer   12/2021 – 02/2022
Greg forster coaching ⊘
- Website design and development using HTML, CSS and JavaScript.
- Developed Input form handling for contact functionality.
- Undertook Site hosting, optimization and responsive design for maximum usability across different devices.
- Google Lighthouse audits were measured at 98% accessibility, 92% S.E.O, 92% Best Practices and 81% performance.

Software Developer Intern   04/2020 – 07/2020
White Leaf Kenya ⊘
- Developed main website and customer support portal for issuing support tickets. Site accessibility, speed and responsiveness were improved significantly as well as faster and more efficient customer feedback.

Part time Front End Developer (Remote)   02/2020 – 05/2020
Cycle Systems ⊘   Bogota, Colombia
- Implemented a React Js sorting component to classify meter transactions thus improving user experience. Previously, data readings were all listed in an unsorted table.
- Transformed UI designs into the web interface using React.js components, Bootstrap and SASS.

PROJECTS

Diction ⊘
Web content scrapper
Web scrapper that counts word occurrences in a URL. Can also compare two URLs and return words present in both or either URL.
- Developed two API endpoints for performing HTTP requests using **Express.Js** and **Node.Js.**
- Created a single page application using **React.Js.**
- Hosted the web application on **Heroku** cloud hosting using the Heroku Linux CLI.

Dog care system ⊘
Dog care system with sound recognition, feeding mechanism and supporting web application.
- Developed REST API endpoints for hardware control and MongoDB database connection using **Express Js, Node.Js** and **MongoDB.**
- Created an audio classifier model using edge-impulse that runs on the Raspberry Pi.
- Created multi-route web interface using **React.Js** with multiple components and JSON data rendering.

TECHNICAL SKILLS

- Languages: HTML, JavaScript, CSS, Ruby, Bash, SASS
- Frameworks and Libraries: Node.js, Express.js, React.js, Ruby on Rails, Bootstrap, Lottie.js, Tailwind CSS
- Tools: Linux, Git, AWS(EC2), Heroku, IBM Cloudant, MongoDB, PostgreSQL