Samwel Kinuthia

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

Education

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

Professional Experience

Freelance 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.

Freelance Web developer   08/2021 – 09/2021
Kalman Investment
Developed landing page design using HTML, CSS and JavaScript.

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.

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.

Mall3 ∅
Web application for mall owners to manage their malls
- Features an API that provides the collected mall data to third parties.
- Product upload in the different stores can be done using CSV.
- Stack used: Ruby on rails, PostgreSQL

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