Kennedy Kiragu Maina

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Summary

I am currently an undergraduate student at Jomo Kenyatta University of Agriculture and Technology studying Electronics and Computer engineering. The course entails IoT hardware development, software development including web, compiler construction, and PCB design and fabrication. Consequently, I am a self-taught full-stack web developer, majoring in back-end development mainly using python, with Flask and Django framework. Another field I've got my hands on is Internet of Things, generally experimenting connected devices with MQTT protocol as compared to HTTP.

Experience

Attache
Gearbox
Jan 2022 - Present (2 months +)
PCB design, using kicad for designing, I built an Arduino board from scratch. Web development. Built a website that allows users to search for items in a cabinet by indicating the shelf where the item selected is located. Backend development. The website is connected to a database, which stores the images of the items, and the users' names and login information. All these run on a python backend language using a Flask framework. Also, worked as a teaching assistant to students learning PCB design in the Gearbox Academy.

Education

Jomo Kenyatta University of Agriculture and Technology
Bachelor's degree, Electronics and computer engineering
2018 - 2023

Licenses & Certifications

Introduction to Programming Using Python - DataCamp
#22,205,387

Skills

Back-End Web Development • Front-End Development • Printed Circuit Board (PCB) Design • Internet of Things (IoT)