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Bryium Onyancha

SOFTWARE DEVELOPER

ABOUT ME

I specialize in frontend and backend development, creating dynamic web applications with HTML, CSS (including Tailwind CSS), and JavaScript using React. In backend development, I excel in Node.js and Python (Django), focusing on robust database management and API development. I'm also adept in mobile development using Java and currently expanding my skills in Kotlin and React Native, particularly with the Expo framework. With a passion for exploring machine learning and data science, I'm eager to learn and grow under experienced mentors, applying insights from my school projects to tackle real-world challenges effectively.

EDUCATION

DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY / Nyeri / 2024

Bachelors of Science in Information Technology
Oct 2021 - Present

PROJECTS

- Developed a responsive disease diagnosis application using Java, integrating machine learning with a Python-trained model on a dataset.
- Implemented features using scikit-learn in Python to analyze the optimal engagement times for social media posts.
- Created an online airline booking website using the Django framework.
- Developed an online bakery website enabling customers to order and purchase bakery products.
- Utilized the Expo framework and React Native to build mobile applications, including an e-commerce platform and a weather app.
- Scripted Python code with Selenium for automating browser interactions and conducting comprehensive web application testing.
- Designed and developed a mobile e-voting app that predicts winners using collected data.
- Created a bookshop application for online book sales and management.
- Designed and developed RESTful APIs.
- Developed an online house rental management website to track tenant records.
- Conducted data analysis using technical tools to effectively discern user requirements across different software projects.

LINKS

Linktr.e:

[Linktr.ee/bryium](#)

SKILLS

KNOWLEDGE OF FRONTEND
COMPONENTS SUCH AS
HTML, CSS, JAVASCRIPT AND
REACT FRAMEWORK

KNOWLEDGE OF MOBILE
APPLICATIONS COMPONENTS
SUCH AS REACT NATIVE CLI
TOOL AND EXPO
FRAMEWORK

KNOWLEDGE ON DATABASES
SUCH AS MYSQL, NOSQL &
MONGODB

KNOWLEDGE OF BACKEND
COMPONENTS SUCH AS
PYTHON, NODE.JS AND
DJANGO FRAMEWORK

KNOWLEDGE OF TESTING
WEB APPLICATIONS USING
SELENIUM FRAMEWORK

JAVA

PYTHON

TYPESCRIPT

KOTLIN