Ian Ngaruiya Mburu

Software Developer

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Profile

Ian, an innovative software developer with a passion for personal finance management, is driven by the challenge of simplifying how individuals track their spending and savings. Recognizing the complexity of financial management, Ian combines creativity and technical expertise to develop user-friendly tools like savings trackers, bill reminders, and spending alerts. These solutions cater to users at all levels of financial literacy, aiming to reduce the stress of managing money while empowering individuals to achieve their financial goals with ease and confidence.

Skills

- Ability to write semantic HTML and styling with CSS, including flexbox, grid, and responsive designs.
- Ability to create interactive and visually appealing websites through DOM manipulation and event handling.
- Skilled in integrating and consuming RESTful APIs in React to enhance application functionality.
- Familiar with tools and package managers like Webpack, npm, and yarn to optimize development workflows.
- Ability to implement user authentication and authorization using Django's built-in authentication system to leverage Django's robust and flexible authentication framework to manage user login, registration, and permission control.
- Building and consuming RESTful APIs with Django Rest Framework ensuring scalable, maintainable, and flexible APIs to allow communication between clients and and servers in a standardized way.
- Ability to develop scalable backend systems using Django ensuring data integrity through effective data management.
- Familiarity with deploying Django applications on cloud platforms like render, ensuring smooth and reliable operations.
- Familiar with conducting comprehensive API testing and validation using Postman to ensure reliability and accuracy.

Education

Zindua School.
Diploma in Information Technology.
May 2023 - 2024.

Relevant Courses
Frontend Development

- HTML and CSS.

- DOM manipulation.
- Building web applications using React.js.
- Context API.
- Advanced hooks.

Backend Development
- Django Authentication.
- Testing APIs with Postman.
- Custom authentication.
- Django rest framework.
- APIs integration.

Projects
Finmate
The Ecomerce app is specifically designed for second-hand sellers and was built using React.js for the front end and Django with PostgreSQL for the backend. A product card typically contains the product itself, a brief description, the date it was posted, and the user who posted the product. The e-commerce enabled users to easily list and purchase second-hand items, fostering a sustainable buying and selling environment. It has also empowered small sellers by providing a platform to reach potential buyers, ultimately driving more traffic and transactions within the second-hand market, and contributing to the circular economy.
Github

MaliSana
My current project, MaliSana, is a personal financial management application built using React.js for the front end and Django with Postgresql for the backend. MaliSana is more on saving and tracking users' budgets, personalized saving goals, and intuitive visualization of spending habits.
Github

Reference
Shamim Gard Obuya
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Bonaventure Ogeto
Zindua School
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