FAITH KARIUKI

Contact Information:

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PROFESSIONAL SUMMARY

A passionate Software Engineer with hands-on experience in web application development, API design, and system architecture. Adept at crafting responsive web front-end applications, creating seamless API interfaces, and driving system enhancements through user behavior insights. Eager to contribute to diverse projects and collaborate on technical business strategies within a dynamic team environment.

EDUCATION

Moringa school

Software Engineering

June 2024 - Present

Chuka University

Bachelor of Science in Computer Science

2020 - 2024

TECHNICAL SKILLS

- **Programming Languages:** Javascript, Python, HTML, CSS

- **Frameworks and Libraries:** React, Django

- **Databases:** Mysql, SQLite3, PostegreSQL

- **Tools:** Docker, Git, Github

-**Web Technologies:** RESTful APIs, JSON, JWT

- **Other Skills:** System Design, Unit Testing, Project Management

PROJECT EXPERIENCE

1. Django API for User and Organization Management

[**GitHub Repository**](GitHub Repository)

Technologies Used: Django, Django REST Framework, JSON Web Token

- **Developed** a secure API with user authentication and organization management features, utilizing Django REST Framework.

- **Implemented** JWT-based authentication for user login ensuring secure and stateless sessions.

- **Architected** role-based access controls allowing organization members different - permissions within the system.

- **Designed** and **executed** CRUD Operations for organisation management, enabling seamless data handling and operations.

- **Enhanced** API response efficiency introducing custom error handling mechanisms, improving overall system robustness.

2. BookNest

[**Github Repository**](Github Repository)

Technologies Used: React, React Router DOM, JSON Server

- **Developed** a responsive and intuitive React-based web application that enables users to manage their book collection efficiently.

- **Implemented** full CRUD operations, allowing users to create, read, update and delete book entries seamlessly.

- **Designed** and **Integrated** a dynamic filtering feature, enabling users to search books by category, title, or author for a more personalized experience.

- **Utilized** React Router DOM for smooth navigation and a single-page application experience, enhancing user engagement and interaction.

- **Deployed** a JSON Server to simulate a backend, providing a simple yet effective environment for managing persistent data.

PROFESSIONAL EXPERIENCE

Freelance Software Developer

2023 - Present

· Developed and maintained web applications, APIs, and native apps for diverse clients.

- Architected seamless API interfaces and conducted thorough unit tests to ensure software reliability.

- Collaborated with clients to understand user needs, analyzing user behavior data to enhance system performance.

- Managed project timelines and deliverables, ensuring timely completion and client satisfaction.

INTERPERSONAL SKILLS

- Proven ability to thrive in collaborative team environments.

- Effective communication skills, adapting to diverse audiences.

- Strong analytical and problem-solving abilities.

- Exceptional time management skills in dynamic project settings.