

Reuben Kipkemboi

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Profile

I bring a special blend of analytical brilliance and practical technological knowledge to my role as a Systems Developer, having thrived as a Business Analyst before. I have a strong interest in Agile approaches and use my comprehension of business procedures to provide effective solutions that are user-focused. As a systems developer my dedication is turning ideas into practical applications, as seen by my background in web development, which includes a News application that gathers content from around the world.

Skills

Web Development

Adequate knowledge of both frontend and backend technologies, including:

Frontend: HTML, CSS, JavaScript (ES6+), and proficiency in modern frontend libraries and frameworks.

Backend: Proficient in Python with experience in web frameworks such as Flask and Django, building robust and scalable server-side applications.

Databases: Skilled in working with relational databases, including PostgreSQL and MySQL, for designing and optimizing database structures, writing complex SQL queries, and ensuring data integrity.

Quantitative reasoning skills

Supported Kenya Power and Lighting Company in analyzing data crucial for Asset Inventory, resulting in improved decision-making processes.

Collaboration Skills

As an Acting Product Owner, I excelled in fostering collaboration between stakeholders, development teams, and end-users, ensuring project alignment and on-time delivery.

My ability to prioritize, communicate effectively, and resolve ambiguities significantly contributed to the successful completion of projects within specified timelines.

Strong communication skills

strong communication for impact and working with others through collaboration and the use of different platforms such Google meet to communicate with clients and team members.

Project Management

Proficient use of project management tools, particularly Trello and Jira, enhances my ability to manage projects in an agile manner. This proficiency streamlines task completion and contributes to efficient project execution, aligning with the required objectives.

Projects

Neighbourhood Application

Neighbourhood application is a web application that allows you to be in the loop about everything happening in your neighborhood. From contact information of different handymen to meeting announcements or even alerts.

Technologies and platforms used: Django, PostgreSQL.

Okoa Farm

Designed and developed a web-based platform using Django and PostgreSQL to facilitate efficient hiring of farm machinery and equipment for agricultural purposes. This platform serves as a bridge between machinery owners and users, streamlining the hiring process for farmers. *Okoa farm web link*

Personal Gallery

Personal gallery application that display's your photos and images for others to see. The platform allows you to copy the image link and anyone else can download it via the link provided in the image details section.

Technologies used: Django, PostgreSQL.

Portfolio

My **portfolio website** showcases a diverse collection of projects I have worked on before, ranging from web design to development.

Professional Experience

Nov 2023 – present	System Developer University of Nairobi <ul style="list-style-type: none">• Collaborated on the implementation of an audit trail functionality using the Yii framework, contributing to the successful initiation and meticulous logging of critical information for key functionalities within the Management Information System	Nairobi, Kenya
Jun 2023 – Nov 2023	Business Analyst Intern Turnkey Africa Limited <ul style="list-style-type: none">• Completed training on TurnQuest Insurance suite to gain in-depth knowledge of insurance processes and software solutions.• Assisted the General Insurance product owner in tracking workflow, sprint planning, and tasks using Jira for efficient project management.• Facilitated sprint retrospectives to gather feedback and continuously improve project processes.• Drafted user stories, acceptance criteria, and test cases for the Imara project, ensuring clear communication and alignment within the development team.	Nairobi, Kenya
Feb 2023 – Jun 2023	Systems and Application Development Intern ICT Authority <ul style="list-style-type: none">• Researched upcoming refurbishment and electronic waste management project, including electronic waste management training.• Conducted UI/UX research for improved digital product usability.• Achieved Agile Project Management certification.• Drafted clear Product Requirements Document for e-waste management Information System.• Designed structured employee workflow for the Information System.• Created user interface design for e-waste management system using Figma to automate warehouse tasks.	Nairobi, Kenya
Aug 2022 – Jan 2023	Freelance Web Developer <ul style="list-style-type: none">• Built a simple python system that decodes string characters to output a readable word or sentence.• Used python control structures to write python program that outputs the number of deficient numbers, perfect numbers and abundant numbers.	Eldoret, Kenya

Education

Jan 2022 – Jul 2022

Software Development

Nairobi, Kenya

Moringa School

- Enriched my Computer science Fundamentals knowledge in software development and Data structures.
- Sharpened my web development skills by developing many web applications such as personal blog using the Python Flask framework.
- Engaged in many collaborative projects with my colleagues and developed various applications such as software Development Students Motivation Application and served as a scrum master.

Aug 2017 – Dec 2021

Bachelor of Science Software Engineering

Murang'a, Kenya

Murang'a University of Technology

Graduated in 2021

Coursework: Introduction to programming with C programming, Data structures and Algorithms, Knowledge Based systems, Operating systems, Embedded Systems, Computer Architecture and Software Engineering Approach to Human-computer Interaction.

References

References to be provided upon request