Reuben Kipkemboi

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Profile

A systems and application development Intern who is passionate, energetic, and skilled in Agile software development methodology.My worldview is shamelessly user-focused. Developed and designed a number of web applications, including one that gathers news from various sources throughout the world.

Skills

Web Development
Adequate knowledge of Frontend and backend technologies. JavaScript, Python(Flask, and Django) and POSTGRES and MYSQL database.

Quantitative reasoning skills
Supported Kenya Power and Lighting company to analyze data that was used in Asset Inventory which improved decision making procedures.

Collaboration Skills
As a scrum master I learnt better ways to collaborate in a team, thus enabled the completion of the project within the stipulated time.

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
The use of project management tools mainly Trello and Asana advances my skills to manage projects in an agile manner. This enables the completion of the required task easily.

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
A *web Platform* to help farmers hire farm machinery and Equipment. The Platform allows machinery owners to upload details of their machinery and users can make a hire via the platform
Technologies used: Django, PostgreSQL.

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

Feb 2023 – present	**Systems and Application Development Intern** ICT Authority	Nairobi, Kenya

- Using figma, created a user interface design for an electronic waste management system that will be used to automate manual tasks in the electronic waste management warehouse.
- Research an upcoming refurbishment and electronic waste management project.This entailed a training on proper electronic waste management.
- User interface (UI) and user experience (UX) research.
- Agile Project Management training and certification.

Aug 2022 – Jan 2023	**Freelance Web Developer**	Eldoret, Kenya

- 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.

Jan 2021 – Apr 2021	**Information Technology and telecommunication Intern** Kenya Power and Lighting Company	Eldoret, Kenya

- System and application software installation and maintenance.
- Installations and configuration of digital modems and IP phones
- Troubleshooting of Wide Area Network and Local Area Network.
- Working with fiber optic cable including splicing.
- power system communication- SCADA systems.

Education

Jan 2022 – Jul 2022	**Software Development** Moringa School	Nairobi, Kenya

- 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 University of Technology	Murang'a, Kenya

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.