

Rachel Kenyani

UI/UX DESIGNER

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[Portfolio](#)

[Behance](#)

Personal statement

As artificial intelligence continues to evolve, it is becoming increasingly important to consider its implications for data privacy. AI systems have shown the capability to collect and process data without the consent of users. This raises concerns about how this data is being used and who has access to it. Rachel is eager to channel her expertise in UI/UX design and software development to design and build software that adheres to privacy policies and empowers individuals to have more control over their data.

Education

DIPLOMA IN INFORMATIONAL TECHNOLOGY

AkiraChix - codeHive

January 2023 - November 2023

Relevant courses

1. UI/UX Design

Adobe Illustrator,
Adobe Photoshop
Adobe Color
Visual design
Figma
Responsive Design
Brand guidelines
Design principles and elements

2. UX Research

Empathy Mapping
Usability Testing
Research methodologies

3. Product Management

The product development process
User story formulation
Product development cycle
Commercialization models
Product Case studies
Task Prioritization
Jira

4. Front-end web Development

React.js and Next.js
TypeScript
HTML/CSS Unit Structure
Asynchronous Functions
DOM

5. Back-end development

The Django ORM
Databases
Data structures
Django Framework
REST APIs

Skills

- Knowledge in visual design, adhering to brand guidelines, and creating mock-ups and logos to support marketing and branding efforts.
- Capable of conducting usability testing to assess and enhance the user-friendliness of products and interfaces.
- General understanding in conducting heuristic evaluations to identify and rectify usability issues in design.
- Capable of creating high and low-fidelity prototypes using Adobe Illustrator, Photoshop, and Figma to allow designers to visually represent products that are not fully developed.
- Well-versed in user story formulation and the product development cycle to ensure products meet user needs.
- Familiarity with using Jira for task prioritisation and team management
- Conversant with Agile methodology for working with cross-functional teams to deliver software products iteratively
- General understanding of qualitative and quantitative research methodologies to gain insights during research
- Ability to create and maintain RESTFUL APIs using Django Framework
- Conversant in utilising data structures and algorithms such as stacks, queues, and binary search to optimise problem-solving
- Knowledge of making API calls using Tailwind, React and Next.js to ensure smooth data integration
- Ability to deploy responsive and adaptive web interfaces on Vercel and Netlify
- Capable of generating Swagger documentation for APIs to understand how to use and interact with the API effectively
- Skilled in configuring and maintaining Continuous Integration/Continuous Deployment (CI/CD) pipelines using GitHub Actions
- Knowledgeable in Git flows and feature branching strategies to effectively manage the development and release of software projects.

Projects

CarbonGuard project

A carbon project that will assist transportation companies in quantifying their carbon emissions. This involves the utilization of an Internet of Things (IoT) device to collect and transmit emissions data to a dashboard where calculations for carbon credits will be conducted.

[Research documents](#)

[Backend GitHub Link](#)

[Dashboard GitHub Link](#)

[Company website](#)

[Design file](#)

E-waste management project

This project aims to connect recycling companies to electronic shops who want to give up their electronic waste for sale fostering a income generation and environmental sustainability

[Research documents](#)

[Backend GitHub Link](#)

[Dashboard GitHub Link](#)

[Design files](#)

RoyalTech Website Revamp

An e-commerce and company website that enables users to browse and purchase electronics and their parts, rent laptops, hire workspaces, and have software built, all with just a few taps, allowing them to order products from the comfort of their homes.

[Design files](#)

Dance In Space Website Revamp

An website for Dance Into Space, a organisation that appreciates dance and theatre and focus on entertainment, education, and community engagement.

[Design](#)

Referees

Linda Kamau

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Co-Founder , Product Designer

ThreeWays