MEGAN OTIENO

Software Developer

📞 +254 707 416 386

✉ meghanadhiambootieno@gmail.com

in LinkedIn

📍 Nairobi, Kenya

Github

PERSONAL STATEMENT

Artificial Intelligence (AI) isn't just a technological leap forward, it's a transformative force driving equity and inclusion in today's digital age. As a software developer, Megan is deeply intrigued by AI's potential to address algorithmic biases and promote inclusive data practices that cater to diverse demographics. By employing inclusive datasets and meticulously cleaning data to correct errors and inconsistencies, she strives to enhance the accuracy and fairness of AI-driven solutions, thereby fostering greater trust and transparency among users. Megan envisions a future where AI bridges societal gaps, creating a more equitable and inclusive digital ecosystem for everyone.

EDUCATION

AkiraChix

codeHive - Diploma in Information Technology

February 2024 - Present

COURSES

Front-end Web Development
- Consuming REST APIs
- Web development using React Framework
- Creating modular and maintainable JavaScript programs

Backend Development
- Data structures (Lists, Sets, Dictionaries, and Tuples)
- Object-Oriented Programming
- Server-side development using Django framework

UI/UX Design
- Elements & Principles of Design
- Brand Guidelines & Style Guides
- UI Design Application

UX Research
- Human-Centered Design and Design thinking
- Research methodologies
- Research Analysis and Synthesis
- Planning user research study

Data Software Architecture
- Data collection and cleaning
- Data visualization
- Statistics and probability

REFERENCES

Linda Kamau
Founder and Executive Director,
AkiraChix,
Email: lkamau@akirachix.com.

Rachael Kenyani
Front-end Developer,
PixelEdge,
Email: rachaelkenyani@gmail.com.

SKILLS

- Experience in using frontend frameworks like React.js to create reusable UI components.
- Knowledge of DOM manipulation and event handling in JavaScript.
- Skillful in consuming RESTful APIs in JavaScript used in making HTTP requests to retrieve, create, update, and delete data from the server.
- Experience in using RESTful APIs and Django framework to implement GET, POST, PUT, and DELETE methods for seamless interaction with databases.
- Proficiency with relational databases (PostgreSQL, MySQL, and SQLite) and SQL querying.
- Ability to use Next.js for developing high-performance web applications, with practical experience in optimizing performance and integrating APIs.
- Ability to use recycler views and display scrollable lists in Kotlin.
- Expertise in handling multiple view types within RecyclerView to display data layouts.
- Knowledge of Adobe Creative Suite such as Photoshop, Adobe Illustrator, and Figma to design visually appealing websites and mobile wireframes and prototypes.
- Experience with research methodologies such as qualitative and quantitative research to collect and analyze data.
- Experienced in managing relational databases with PostgreSQL, including schema design, performance optimization, object management, and complex SQL querying.
- Skilled in managing products from concept through launch and beyond ensuring successful market introduction and optimization through product life cycle management.
- Experience in creating and maintaining product roadmaps that align cross-functional teams, and stakeholders and execute product initiatives by defining the product vision, goals, and key success.

PROJECTS

Xomi app
An application developed using React.js and Django framework on the backend, that provides books based on students' subjects and teachers' recommendations. The application provides quizzes to assess comprehension, allowing teachers to view student performance and provide feedback. The class teacher can see a display of all the students' profiles and all the information in them from the dashboard.

Xomi App case study

Storybook app
Built using HTML, CSS, and JavaScript, Interactive Books is a web app that allows users to make choices of stories. It also supports restarting, saving, and continuing with progress from the local storage.

Interactive Storybook

Holiday finder
Holiday Finder is a web application created with HTML, CSS, JavaScript, and Restful APIs that allows users to select a country, date, year, and month and shows if the chosen day has a holiday along with details and description.

Holiday finder